Pratissoli

Pompe volumetriche alternative
Positive displacement reciprocating pumps



INTERPUMP GROUP



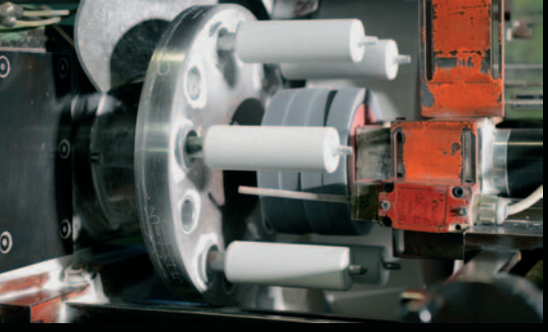
Pratissoli

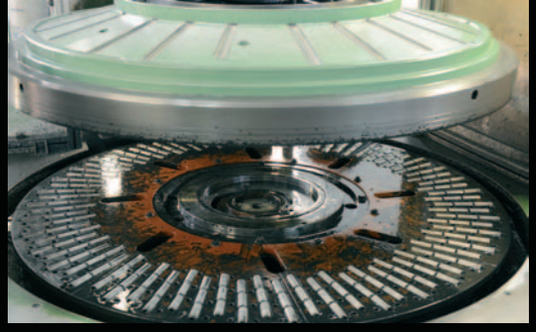
In ogni industria esiste un potenziale compito per una pompa a pistoni. Le applicazioni sono innumerevoli e spaziano dalla petrolchimica alla siderurgia, dall'edilizia al trattamento acque, dalla manutenzione industriale al settore ecologia.
Pratissoli Pompe si confronta con questa difficile ma affascinante
realtà fin dal 1947 e si colloca oggi, a pieno titolo e con orgoglio, tra i maggiori costruttori mondiali di pompe a pistoni.

In any industry there is a potential task for high pressure plunger pumps. Applications are a multitude and range from petrolchemical to the siderurgy, from the building industry to the water treatment, from the industrial maintenance to the environment protection.
Pratissoli Pompe has been dealing with this hard but fascinating reality since 1947, proud today to be recognized among the worldwide leaders in high pressure water pump technology.

Directives & Standards:
Machine directive 2006/42/EC
PED 97/23/CE
ATEX 94/9/EC
DIN ISO EN 9001
GOST - R

INTERPUMP GROUP



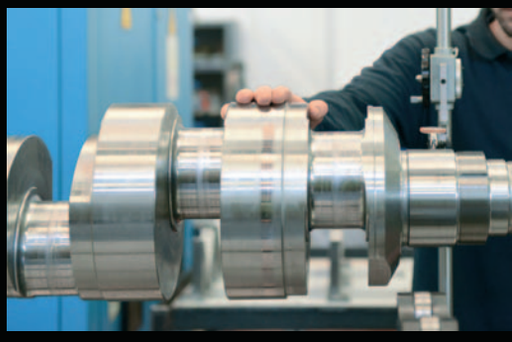






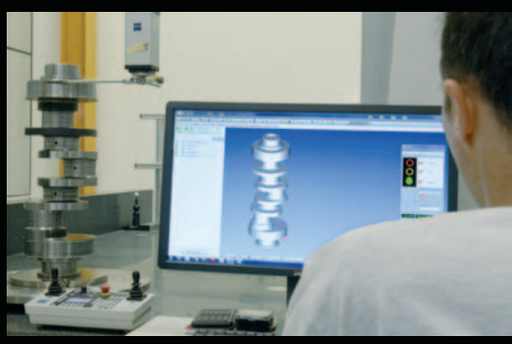

РОССИЙСКАЯ ФЕДЕРАЦИЯ
СЕРТИФИКАТ СООТВЕТСТВИЯ


DNV
DNV Business Assurance
Management System Certificate
INTERPUMP GROUP S.p.A. - BRAND PRATISSOLI POMPE

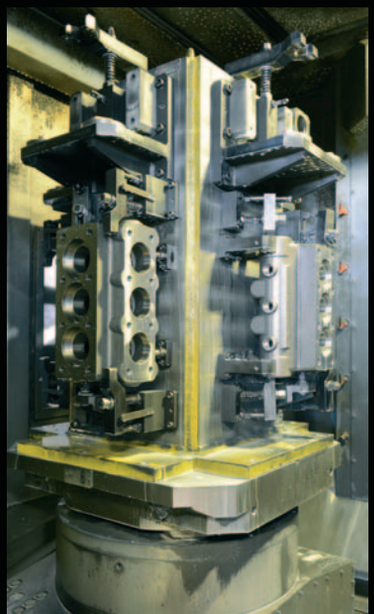



CERTIFICATO
CERTIFICATE
CE 0948


DNV
Det Norske Veritas
Acknowledgement of Receipt - EC
Piston pumps series:
71KF, 71SS/SN, 73MW, 73MWN, 78LK, 78LKN
INTERPUMP GROUP S.P.A.
Via Enrico Fermi, 25 - 42049 Sant'Ilario d'Enza
Italy





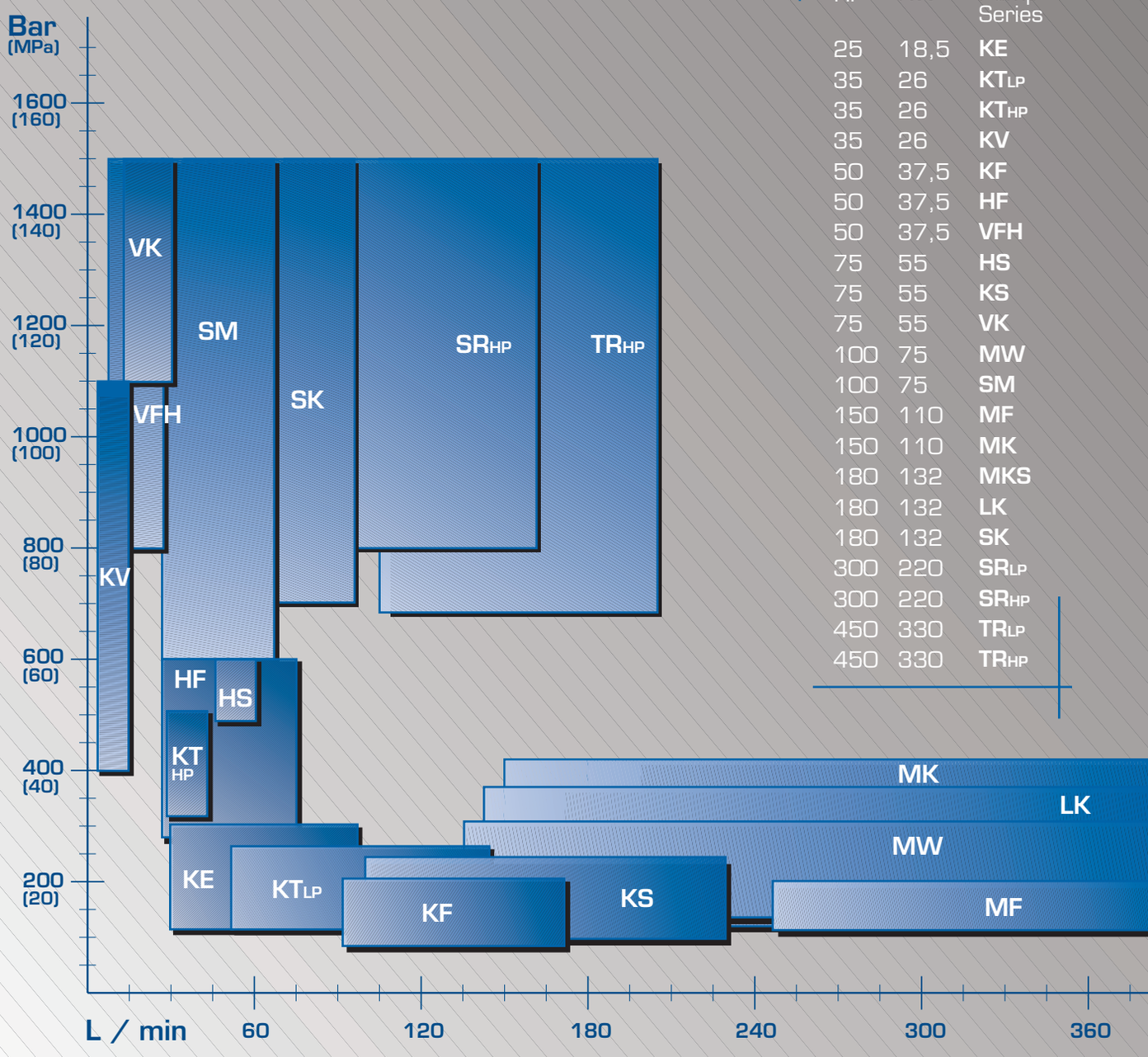




Indice - *Index*

Plunger pump series	pag.	6 - 53
Piston pump series	pag.	54 - 63
Specialized pumps	pag.	64 - 69
Accessories	pag.	70 - 84

Guida alla scelta delle pompe - *Pumps selection guide*

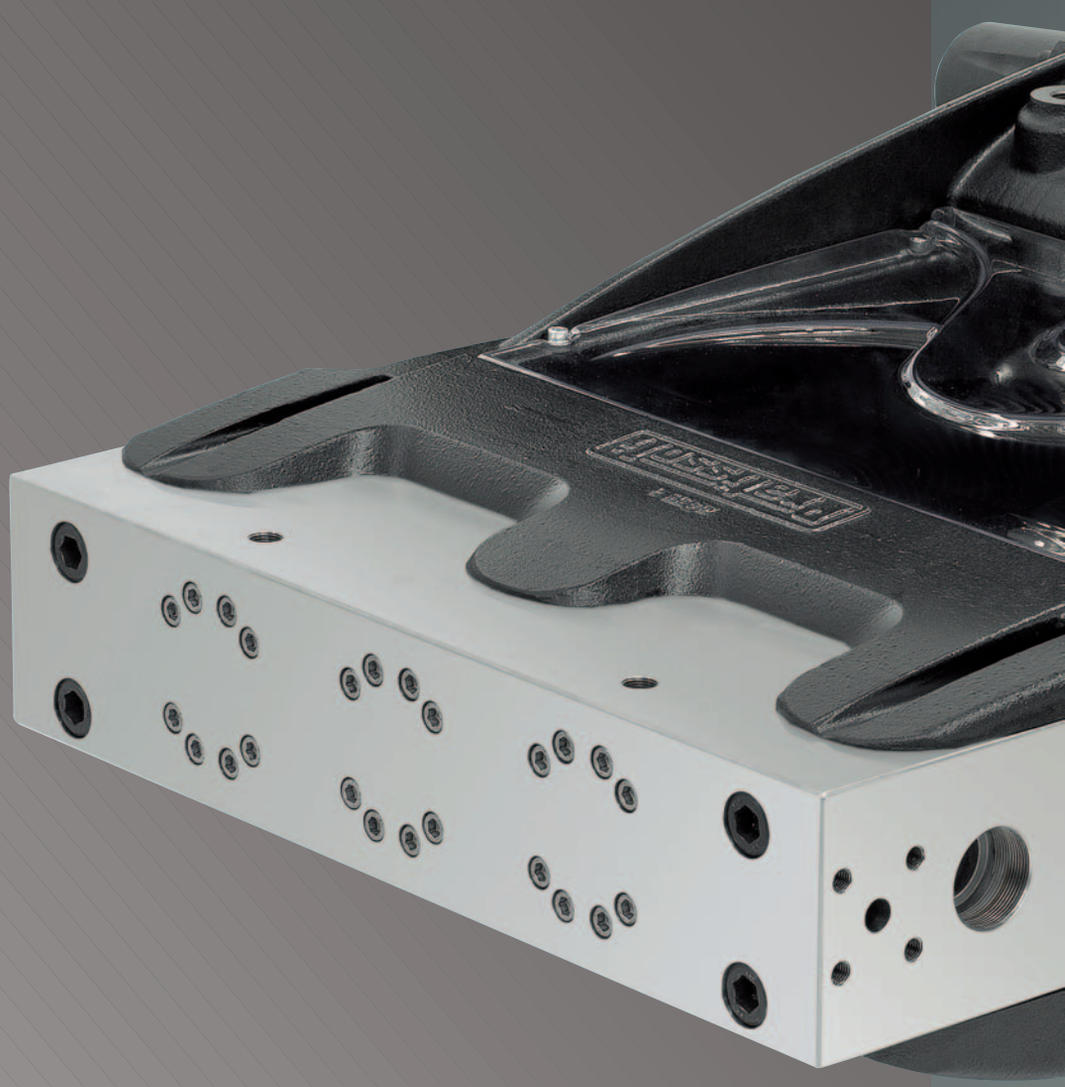


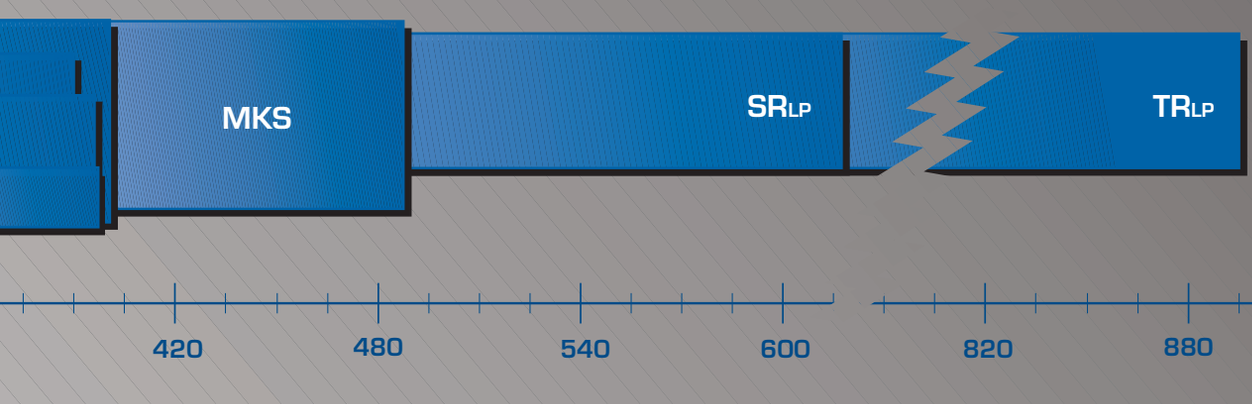
Gamma potenze
Power chart

HP	KW	Pump Series
25	18,5	**KE**
35	26	**KTLP**
35	26	**KTHP**
35	26	**KV**
50	37,5	**KF**
50	37,5	**HF**
50	37,5	**VFH**
75	55	**HS**
75	55	**KS**
75	55	**VK**
100	75	**MW**
100	75	**SM**
150	110	**MF**
150	110	**MK**
180	132	**MKS**
180	132	**LK**
180	132	**SK**
300	220	**SRLP**
300	220	**SRHP**
450	330	**TRLP**
450	330	**TRHP**

Pratissoli

KE	pag.	8 - 9
KT$_{LP}$	pag.	10 - 11
KT$_{HP}$	pag.	12 - 13
KV	pag.	14 - 15
KF	pag.	16 - 17
HF	pag.	18 - 19
VFH	pag.	20 - 21
KS	pag.	22 - 23
HS	pag.	24 - 25
VK	pag.	26 - 27
MW	pag.	28 - 31
SM	pag.	32 - 33
MK	pag.	34 - 37
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LK	pag.	44
SK	pag.	45
SR$_{LP}$	pag.	46 - 47
SR$_{HP}$	pag.	48 - 49
TR$_{LP}$	pag.	50 - 51
TR$_{HP}$	pag.	52 - 53





Plunger Pump series

Una gamma di pompe articolata in più di 200 versioni realizzate per le più impegnative applicazioni nell'INDUSTRIA CHIMICA, PETROLCHIMICA, ALIMENTARE, MINERARIA, EDILE, NAVALE, TESSILE, ELETTRONICA, MECCANICA, ENERGETICA:

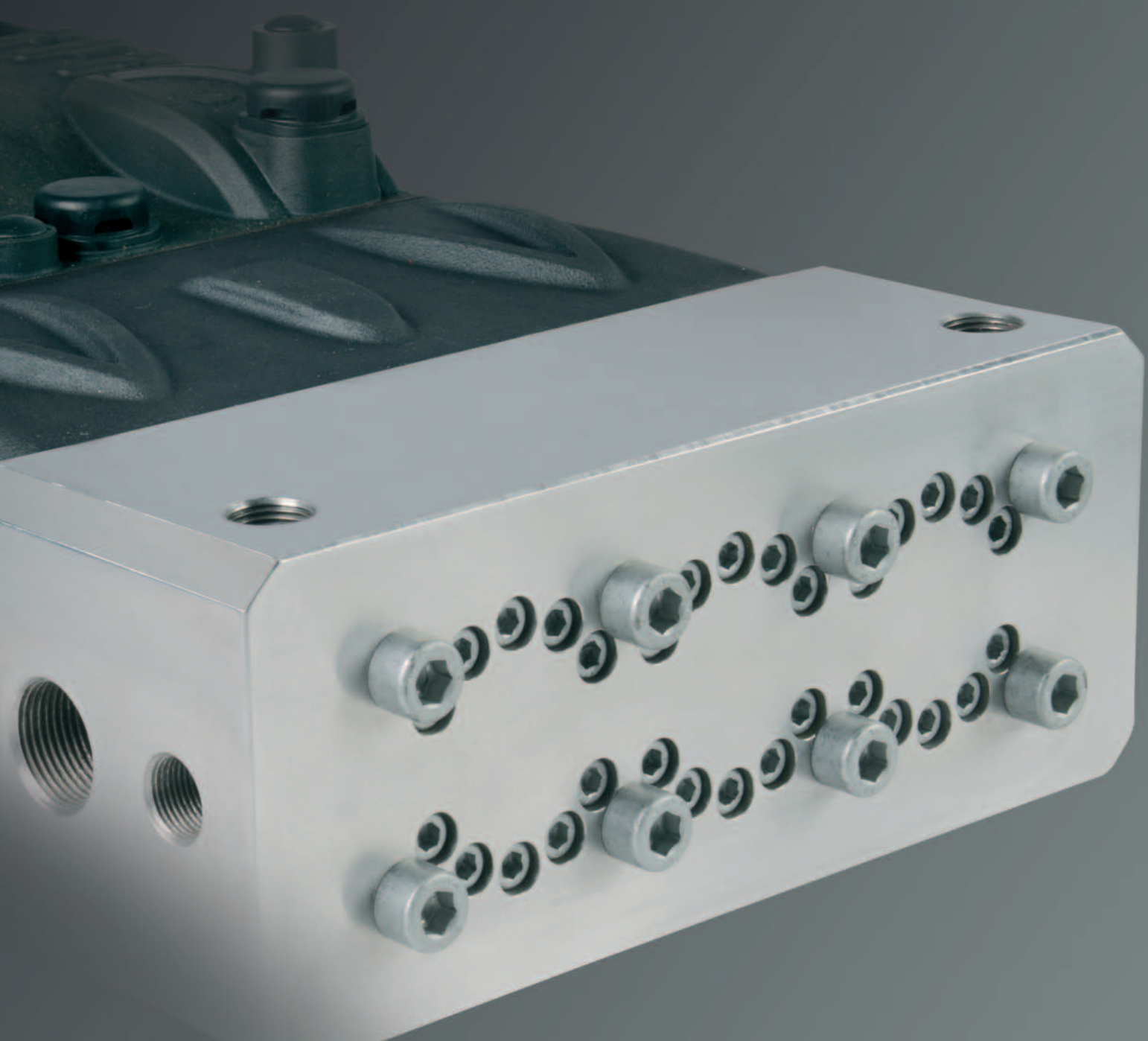
- Osmosi inversa
- Iniezione in pozzo
- Test idrostatici
- Iniezione chimica
- Rimozione rivestimenti
- Alimentazione presse
- Carotaggio
- Umidificazione
- Idrodemolizione
- Disidratazione gas
- Discagliatura
- Taglio ad acqua
- Pulizia reti acquee reflue
- Lavaggio strade
- Rimozione vernice
- Preparazione superfici
- Lavaggio serbatoi
- Stimolazione pozzi
- Pulizia scambiatori
- Pulizia torri raffreddamento
- Percussori ad acqua
- Pulizia filtri pressa
- Antincendio

A line of pumps made of more than 200 models designed for the most Demanding Applications in the CHEMICAL, PETROLCHEMICAL, OIL & GAS, FOOD, MINING, BUILDING, NAVAL, TEXTILE, POWER GENERATION, ELECTRONIC, MECHANICAL INDUSTRIES:

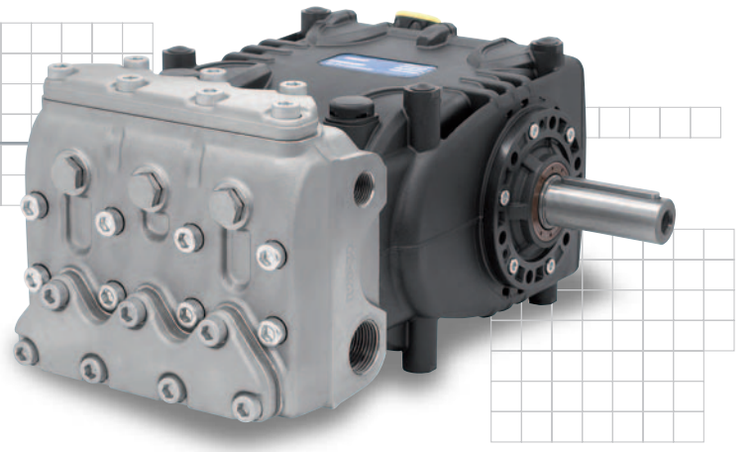
- *Reverse osmosis*
- *Waste water injection*
- *Hydrostatic testing*
- *Chemical injection*
- *Coating removal*
- *Presse machine*
- *Core sampling*
- *Misting*
- *Hydrodemolition*
- *Gas dehydration*
- *Metal descaling*
- *Water cutting*
- *Sewer jetting*
- *Street cleaning*
- *Paint stripping*
- *Surface preparation*
- *Tank cleaning*
- *Well stimulation*
- *Heat exchanger cleaning*
- *Cooling tower cleaning*
- *Water hammering*
- *Filter press cleaning*
- *Fire suppression*

Pratissoli

INTERPUMP GROUP



KE series
25HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

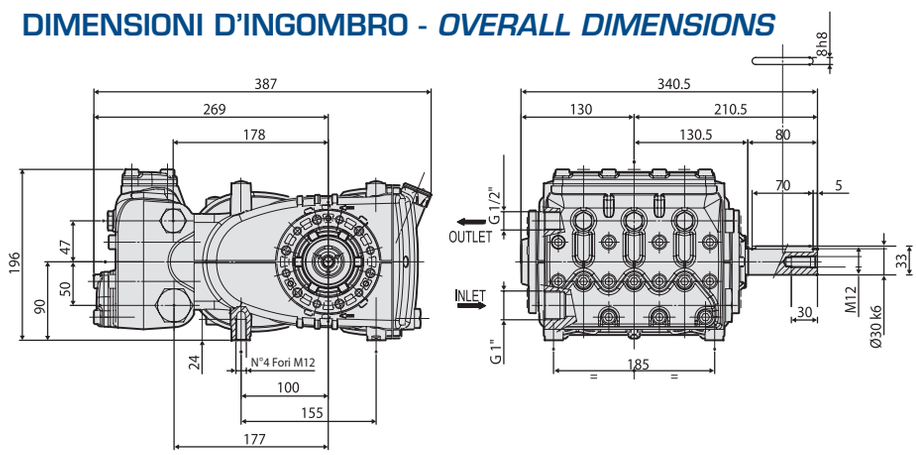
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

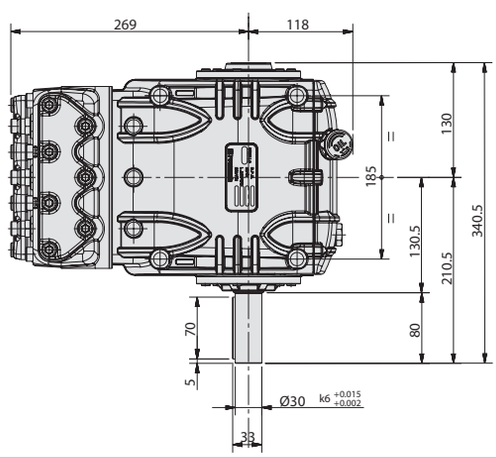
CONSTRUCTION
- *Triplex plunger pump, available in 6 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata Volume		Pressione Pressure			g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max.
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	Nm
KE 20	30	7.9	300	30	4350	1450	25	18,4	36	118
KE 22	37	9.8	250	25	3620	1450	25	18,4	36	119
KE 24	45	11.9	210	21	3045	1450	25	18,4	36	119
KE 28 H	61	16.1	150	15	2170	1450	25	18,4	36	116
KE 30 H	70	18.5	130	13	1885	1450	25	18,4	36	116
KE 36 H	100	26.4	100	10	1450	1450	25	18,4	36	128

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

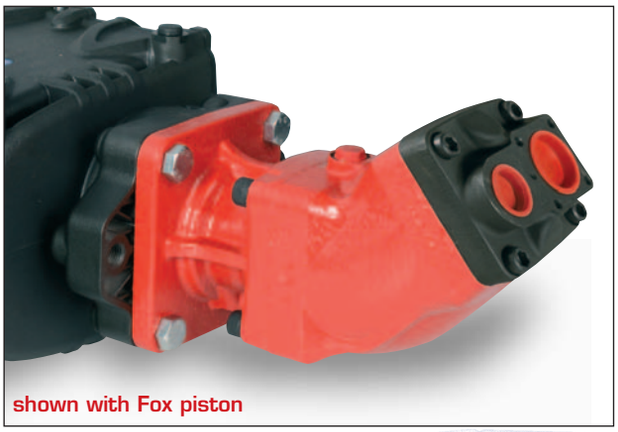
DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*





Scheda tecnica, esplosi, manuali uso e manutenzione

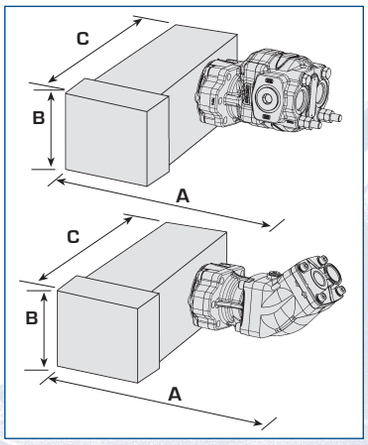
Data sheet, exploded view, repair & maintenance manuals


shown with Fox piston

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



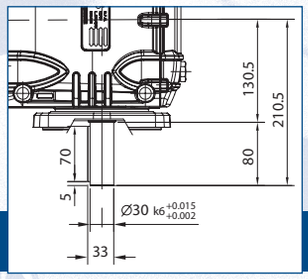
MOTOR OPTIONS

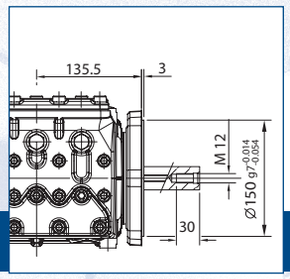
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	47	275	28	4000	1450	KEHY47	480x196x387	57
	PISTON	FOX	64	340	34	4950	1450	KEHY64	540x218x387	50

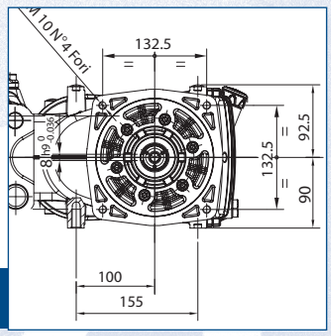
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



Flangia supporto per azionamenti diretti
Flange for direct drive mount

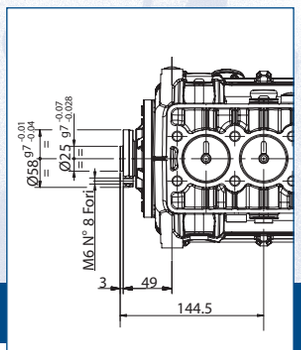


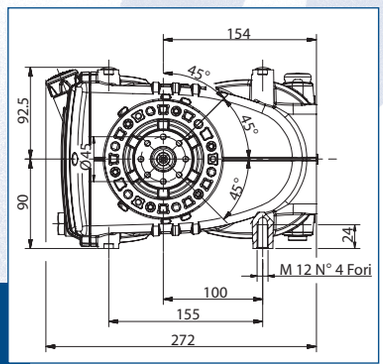


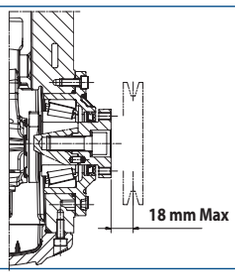




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side



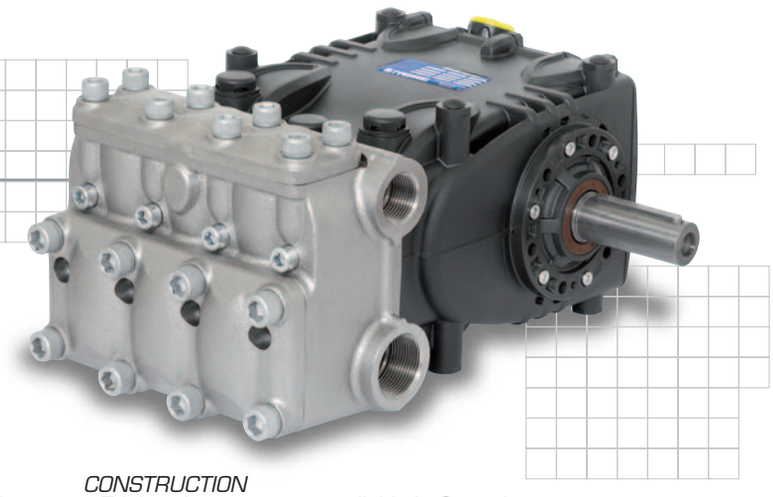




La coppia max è prelevabile anche con pompa a pieno carico (25 hp sulla presa primaria).
Max. torque is available also with pump at full load (25 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	20	2,3 4,1	800 1450
Giunto diretto - *Flex joint direct*	40	4,6 8,2	800 1450

KT LP series
35HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

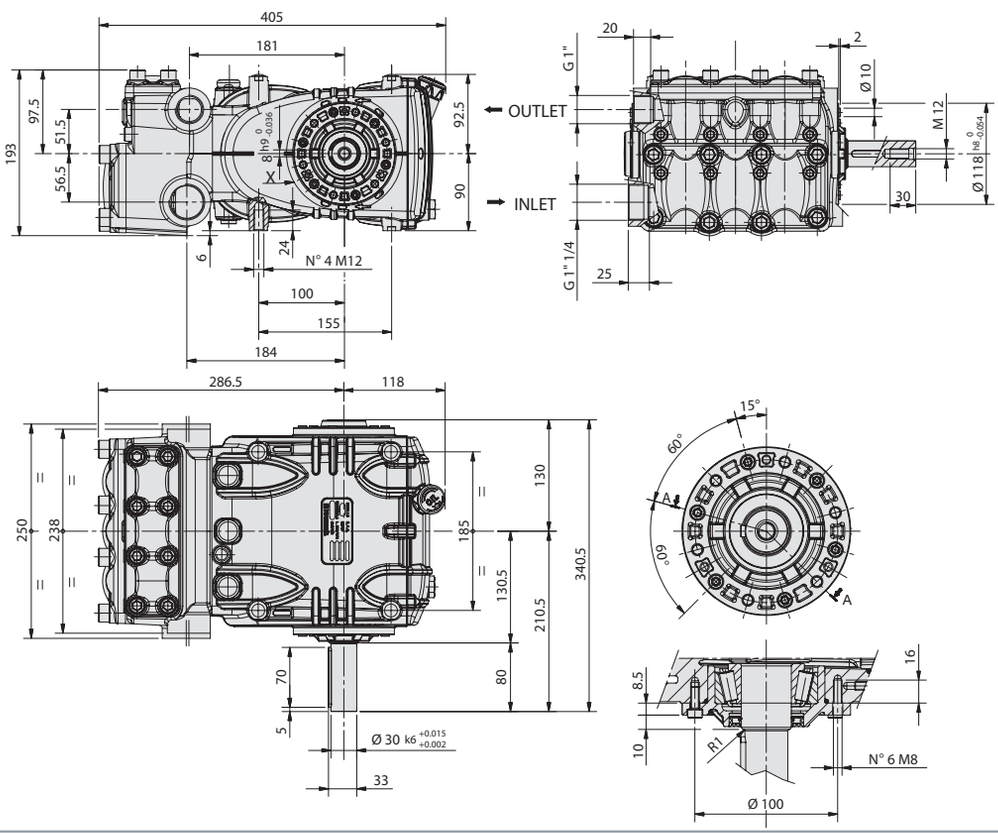
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a disposizione ortogonale.
- Lubrificazione a sbattimento.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 6 versions.*
- *Pressure packing design with integrated cooling system.*
- *Orthogonally fitted valves.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata Volume		Pressione Pressure			g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max.
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	Nm
KT 24	51	13.5	250	25	3625	1450	33	24,4	40	161
	62	16.3	200	20	2900	1750	32	23,6	40	129
KT 28	70	18.4	200	20	2900	1450	36	26,7	40	175
	84	22.2	175	17,5	2538	1750	38	28,0	40	153
KT 30	80	21.1	175	17,5	2538	1450	36	26,7	40	176
	96	25.5	140	14	2030	1750	35	26,0	40	141
KT 32	91	24.0	150	15	2175	1450	35	26,0	40	171
KT 36	115	30.4	120	12	1740	1450	36	26,7	40	174
	125	33.1	125	12,5	1813	1580	41	29,9	40	181
KT 40	142	37.5	100	10	1450	1450	37	27,1	40	179

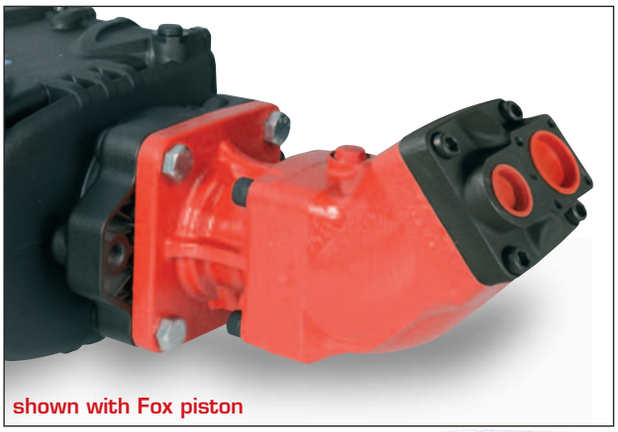
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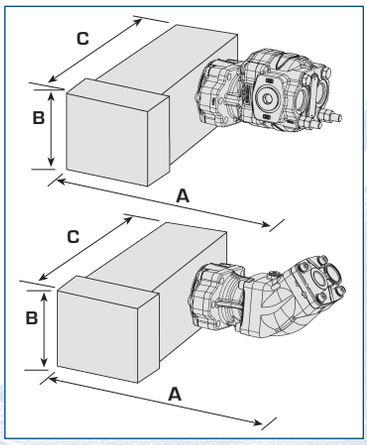
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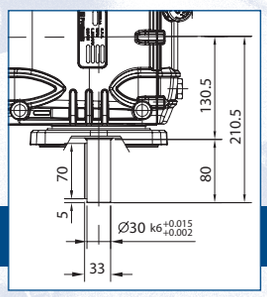
MOTOR OPTIONS

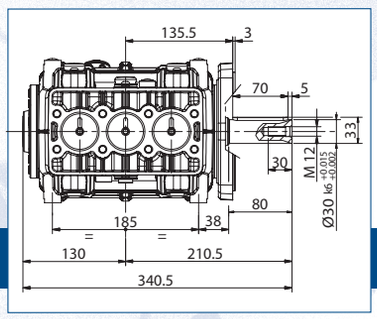
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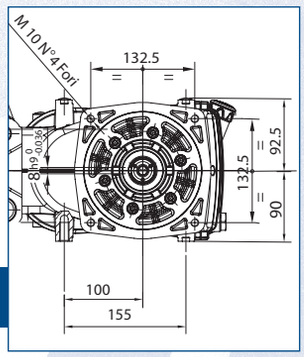
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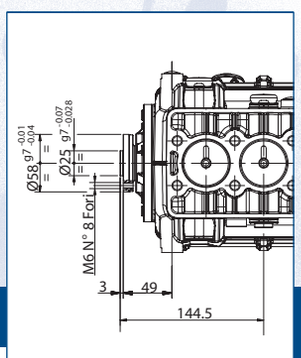


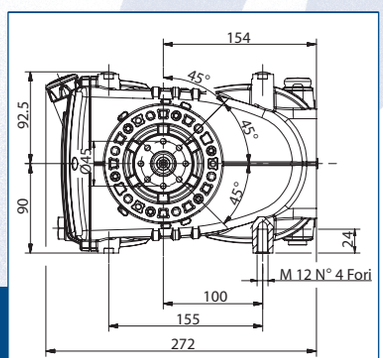


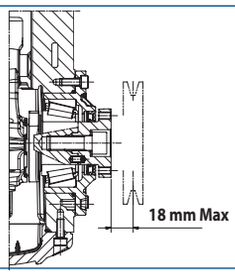




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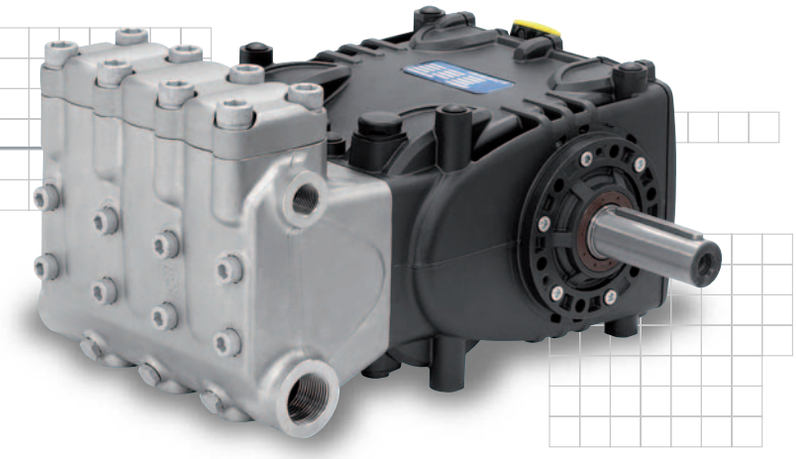




La coppia max è prelevabile anche con pompa a pieno carico (25 hp sulla presa primaria).
Max. torque is available also with pump at full load (25 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	20	2,3 4,1	800 1450
Giunto diretto - *Flex joint direct*	40	4,6 8,2	800 1450

KT HP series
35HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

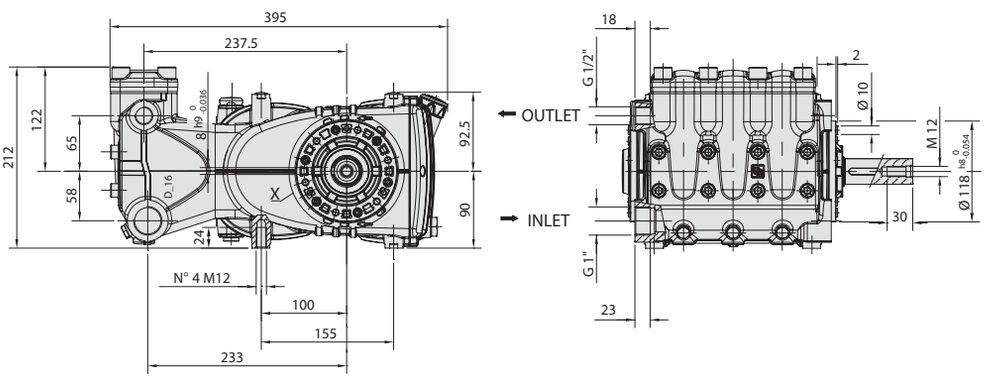
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 4 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a disposizione ortogonale.
- Lubrificazione a sbattimento.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

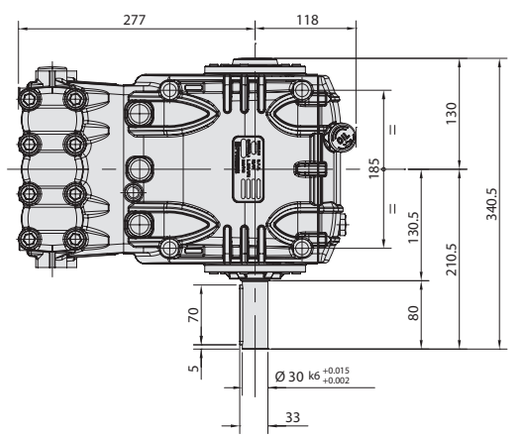
CONSTRUCTION
- *Triplex plunger pump, available in 4 versions.*
- *Pressure packing design with integrated cooling system.*
- *Orthogonally fitted valves.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

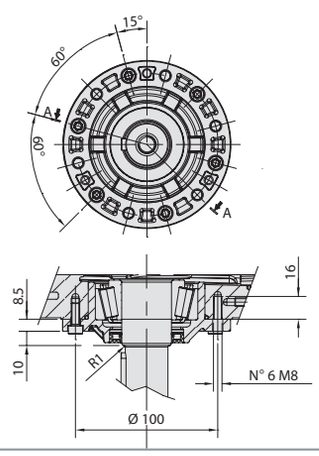
Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Coppia max. Torque max. Nm
KT16	27	7.2	500	50	7250	1750	36	26,2	40	143
KT18	29	7.6	500	50	7250	1450	37	27,5	40	181
	35	9.2	400	40	5800	1750	36	26,5	40	145
KT20	36	9.4	400	40	5800	1450	37	27,1	40	179
	43	11.3	320	32	4640	1750	36	26,2	40	143
KT22	43	11.4	320	32	4640	1450	36	26,3	40	1173
	52	13.7	250	25	3625	1750	34	24,8	40	135

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*

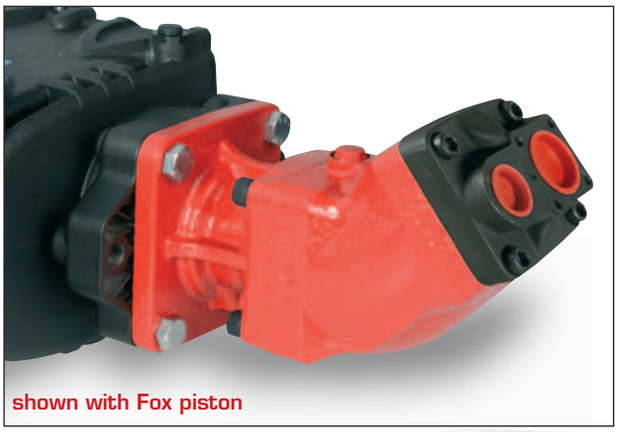






Scheda tecnica, esplosi, manuali uso e manutenzione

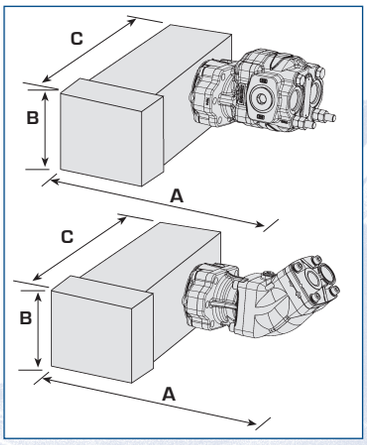
Data sheet, exploded view, repair & maintenance manuals


shown with Fox piston

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



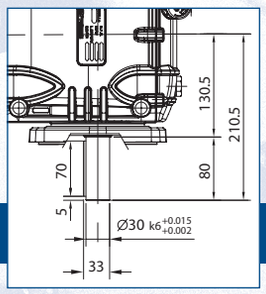
MOTOR OPTIONS

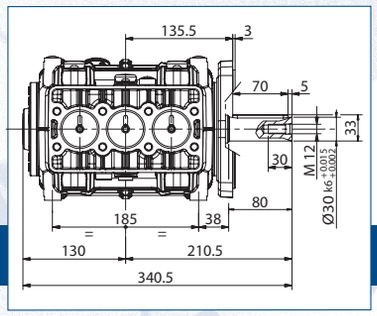
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	47	275	28	4000	1750	KTHY47	480x212x395	61
	PISTON	FOX	64	340	34	4950	1750	KTHY64	540x212x395	54

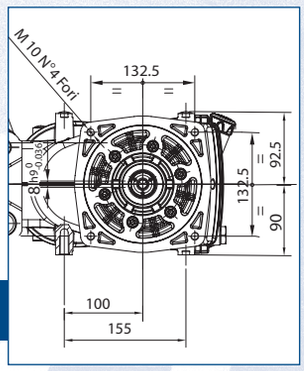
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



Flangia supporto per azionamenti diretti
Flange for direct drive mount

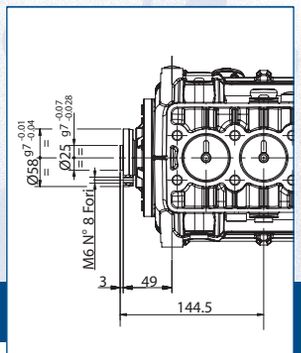


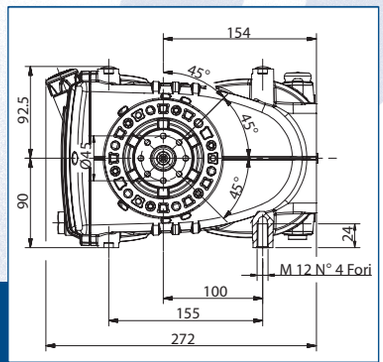


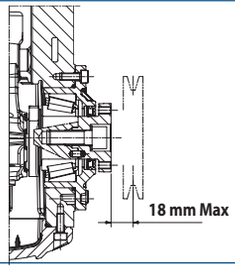




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side







La coppia max è prelevabile anche con pompa a pieno carico (25 hp sulla presa primaria).
Max. torque is available also with pump at full load (25 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	20	2,3 4,1	800 1450
Giunto diretto - *Flex joint direct*	40	4,6 8,2	800 1450

KV series

35HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

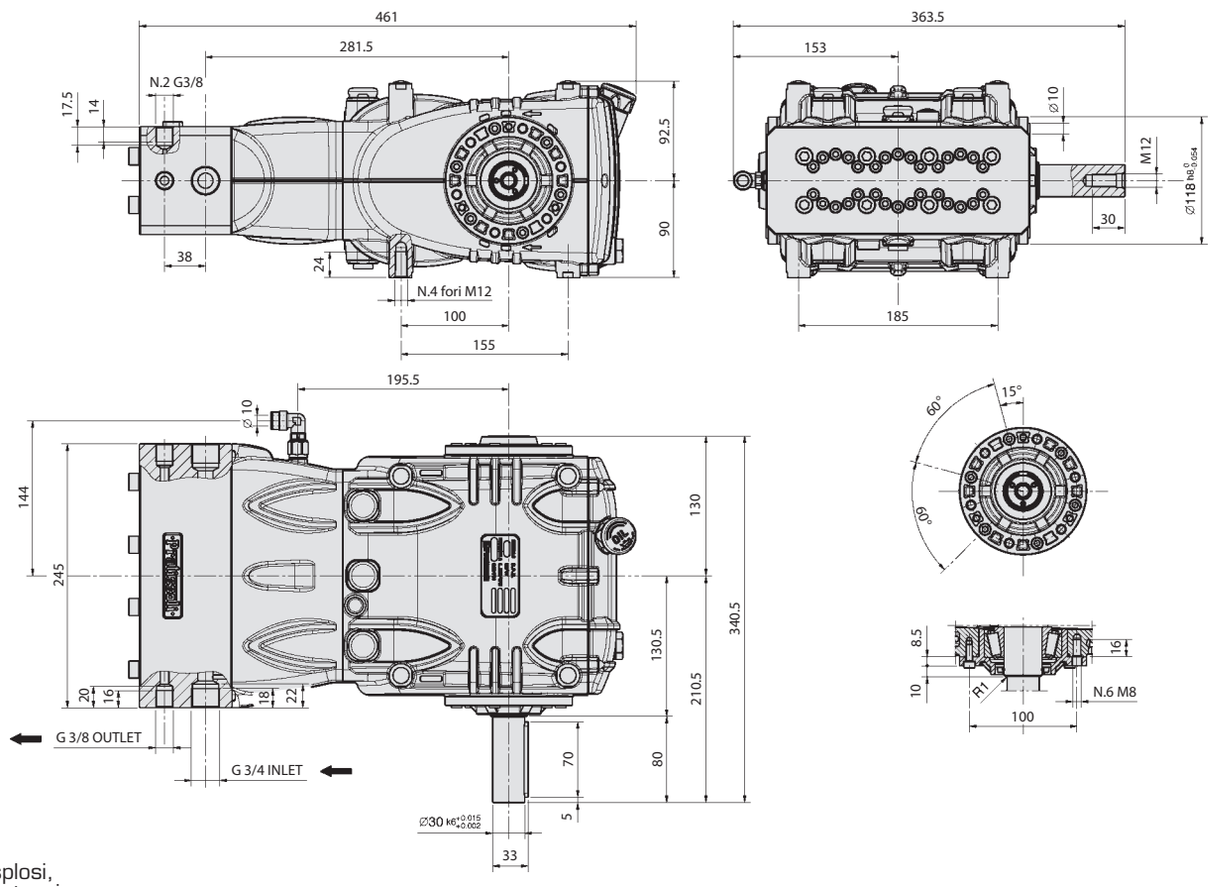
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 2 versioni.
- Sistema di raffreddamento pistoni e guarnizioni di pressione.
- Valvole aspirazione mandata coassiali.
- Lubrificazione a sbattimento.

CONSTRUCTION
- *Triplex plunger pump, available in 2 versions.*
- *Pressure packing integrated cooling system.*
- *Coaxial suction / delivery valves.*
- *Splash lubrication.*

Tipo pompa Pump type	Portata Volume l/min	 US Gpm	Pressione Pressure bar	 MPa	 p.s.i.	g/min r.p.m.	Potenza Power hp	 kW	Peso Weight kg	Coppia max. Torque max. Nm
KV12	12,8	3.4	1100	110	16000	1450	36,5	26,9	40	177
	15,4	4.1	1100	110	16000	1750	44	32,4	40	177
KV14	17,4	4.6	800	80	11600	1450	36,1	26,6	40	175
	21,0	5.5	800	80	11600	1750	43,6	32,0	40	175

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

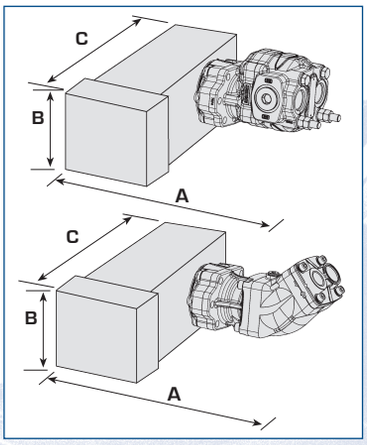
Data sheet, exploded view, repair & maintenance manuals


shown with Fox piston

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



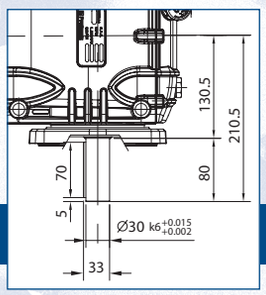
MOTOR OPTIONS

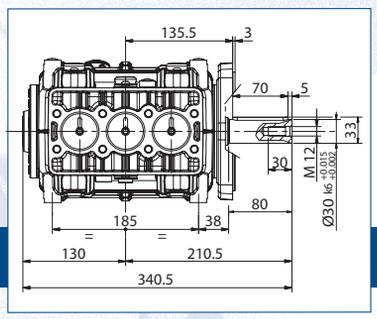
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar MPa p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	47	275 28 4000	1750	KVHY47	480x199x461	62
	PISTON	FOX	64	340 34 4950	1750	KVHY64	540x218x461	55

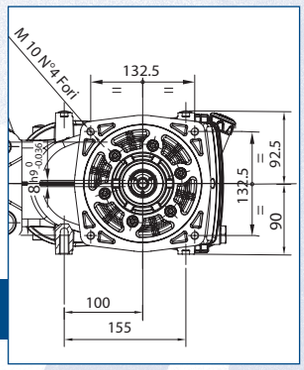
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



Flangia supporto per azionamenti diretti
Flange for direct drive mount

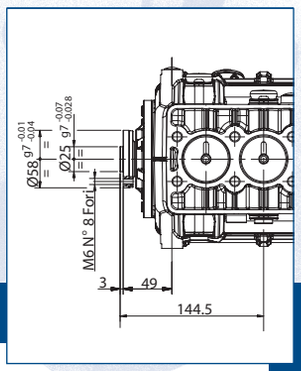


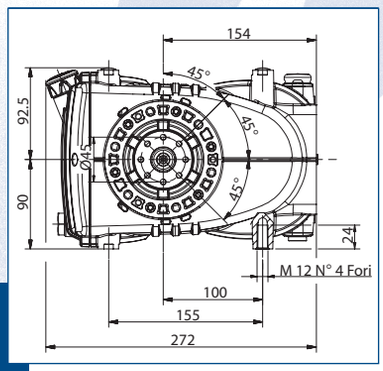


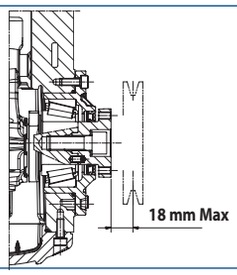




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side



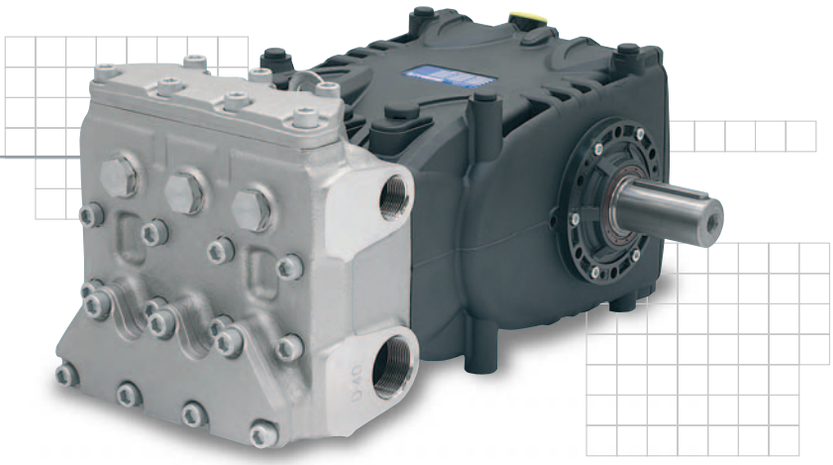




La coppia max è prelevabile anche con pompa a pieno carico (25 hp sulla presa primaria).
Max. torque is available also with pump at full load (25 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	20	2,3 4,1	800 1450
Giunto diretto - *Flex joint direct*	40	4,6 8,2	800 1450

KF series
50HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

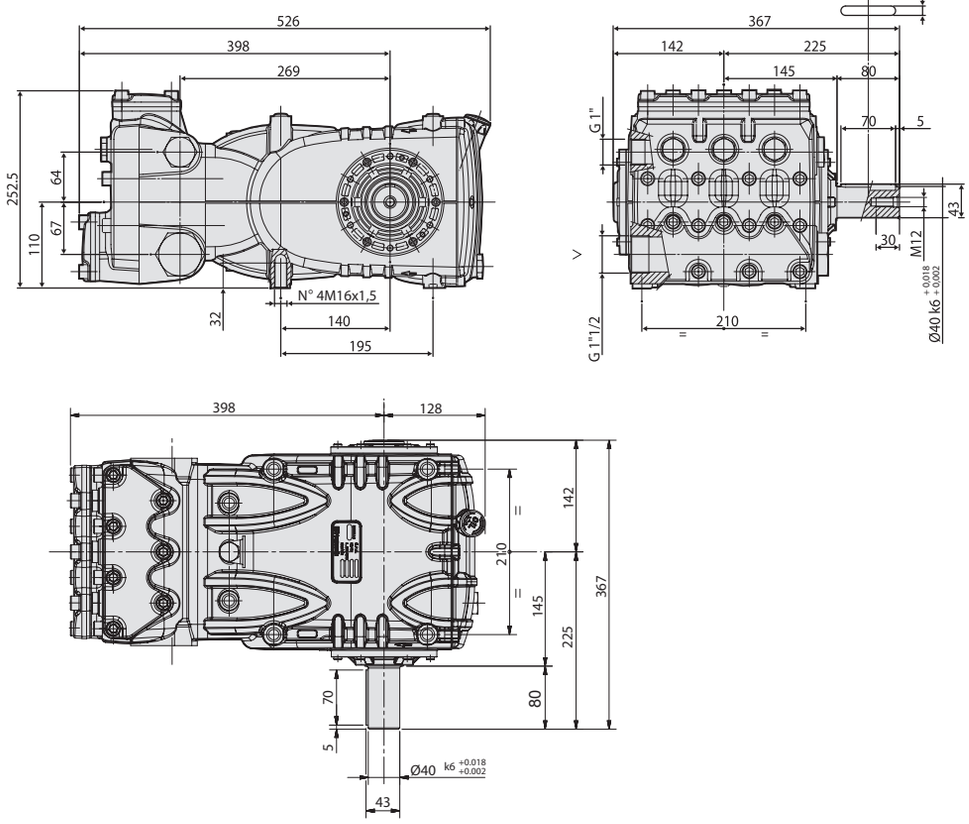
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 5 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 5 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata Volume		Pressione Pressure			g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max.
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	Nm
KF 28	93	24.5	210	21	3045	1000	50	37,0	69	353
KF 30	106	28.0	200	20	2900	1000	55	40,0	69	386
KF 32	120	31.7	180	18	2610	1000	56	41,2	69	396
KF 36	153	40.0	130	13	1900	1000	52	38,2	69	362
KF 40	170	45.0	110	11	1600	900	49	36,0	69	378

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

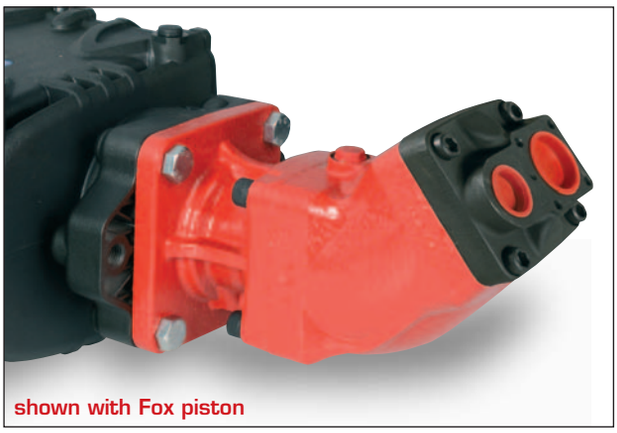
DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



ATEX
ON REQUEST

Scheda tecnica, esplosi, manuali uso e manutenzione

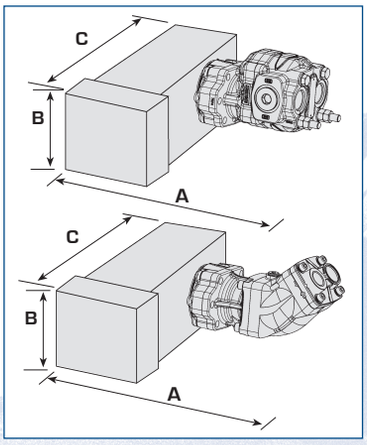
Data sheet, exploded view, repair & maintenance manuals


shown with Fox piston

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

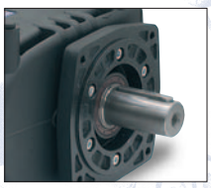
Pump package with hydraulic motor, fully assembled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



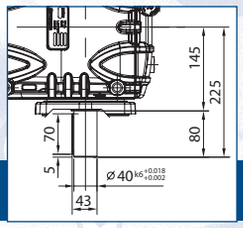
MOTOR OPTIONS

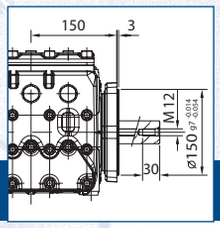
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117	280	28	4000	1000	KFHY117	547x253x525	107
	PISTON	FOX	84 108	340 340	34 34	4950 4950	1000 1000	KFHY84 KFHY108	571x253x525 571x253x525	83 83

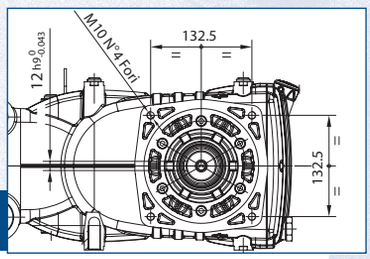
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



Flangia supporto per azionamenti diretti
Flange for direct drive mount





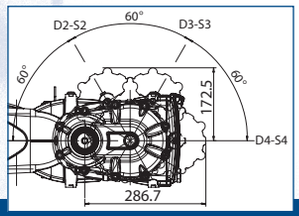


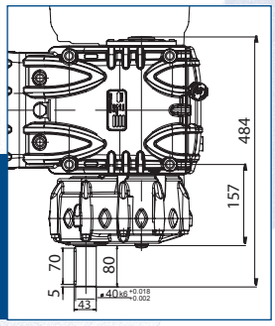


Riduttore / *Gearbox*

Le pompe KF sono disponibili su richiesta con riduttore di giri laterale. Il riduttore è disponibile in 3 rapporti ed installabile a dx o sx della pompa in 4 differenti angoli. Rapporti di riduzione: R=1,25:1 - R=1,50:1 - R=1,83:1

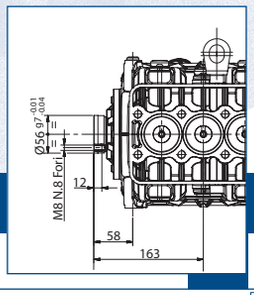
KF pumps can be supplied with a optional gearbox available in 3 different ratios. The gearbox can be mounted on the left or right side of the pump in 4 different angles, at customer choice. Gearbox ratios:R=1,25:1 - R=1,50:1 - R=1,83:1

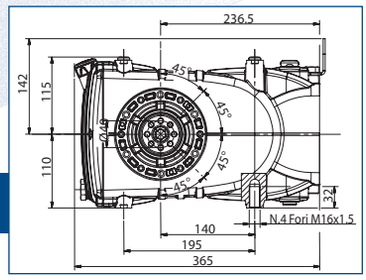


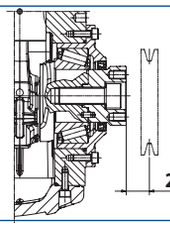




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side





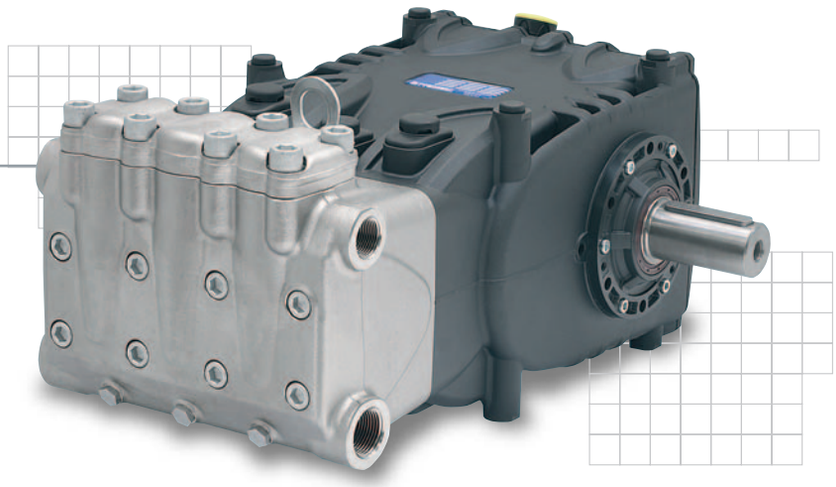


La coppia max è prelevabile anche con pompa a pieno carico (50 hp sulla presa primaria).
Max. torque is available also with pump at full load (50 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	65	7,0 7,4 8,3 9,3	750 800 900 1000
Giunto diretto - *Flex joint direct*	130	14,0 14,8 16,6 18,6	750 800 900 1000

HF series

50HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

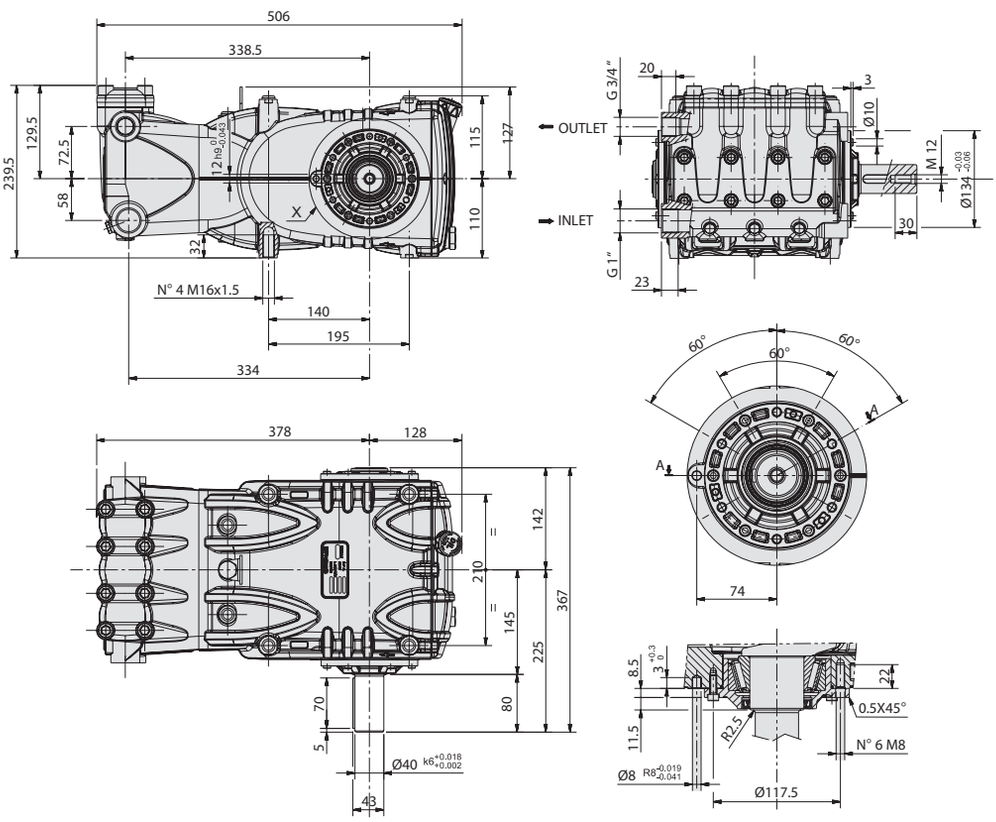
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 4 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- **Versioni disponibili con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 4 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata Volume		Pressione Pressure			g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max.
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	Nm
HF 18	30	8.1	600	60	8700	800	48	35,5	63	417
	38	10.1	500	50	7250	1000	50	36,8	63	348
HF 20	47	12.4	400	40	5800	1000	50	36,8	63	343
HF 22	57	15.0	350	35	5075	1000	50	36,8	63	364
HF 25	73	19.3	280	28	4060	1000	50	36,8	63	376

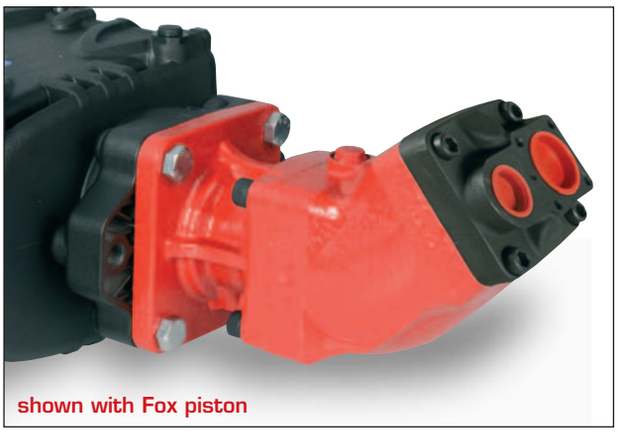
Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

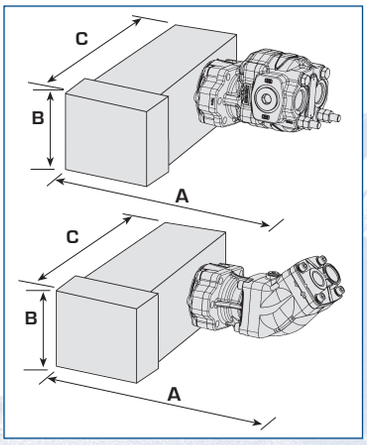
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

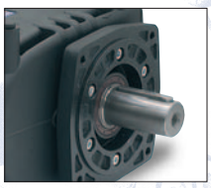
Pump package with hydraulic motor, fully assembled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



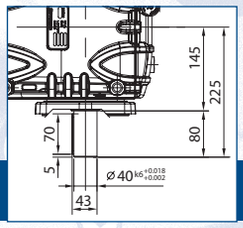
MOTOR OPTIONS

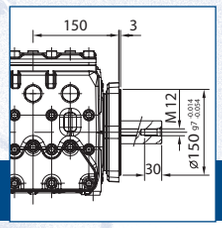
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117	280	28	4050	1000	HFHY117	547x245x506	101
	PISTON	FOX	84 108	340 340	34 34	4950 4950	1000 1000	HFHY84 HFHY108	571x240x506 571x240x506	77 77

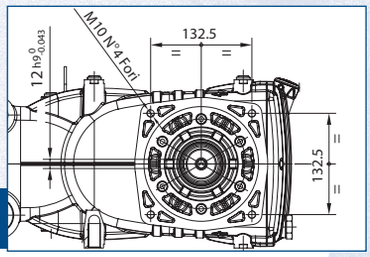
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



Flangia supporto per azionamenti diretti
Flange for direct drive mount





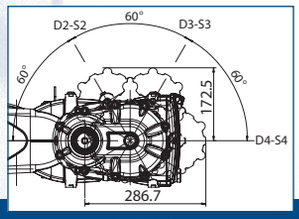


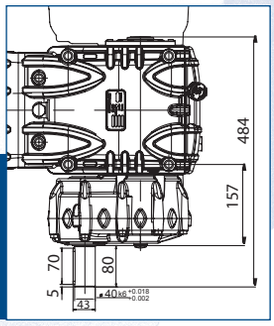


Riduttore / *Gearbox*

Le pompe KF sono disponibili su richiesta con riduttore di giri laterale. Il riduttore è disponibile in 3 rapporti ed installabile a dx o sx della pompa in 4 differenti angoli. Rapporti di riduzione: R=1,25:1 - R=1,50:1 - R=1,83:1

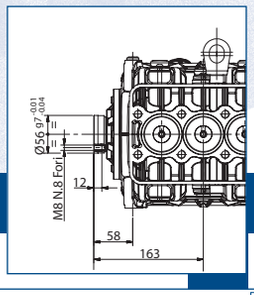
KF pumps can be supplied with a optional gearbox available in 3 different ratios. The gearbox can be mounted on the left or right side of the pump in 4 different angles, at customer choice. Gearbox ratios:R=1,25:1 - R=1,50:1 - R=1,83:1

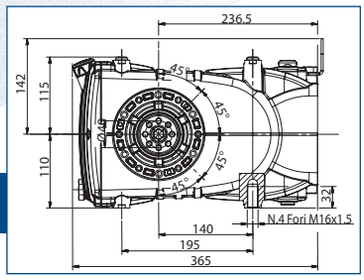


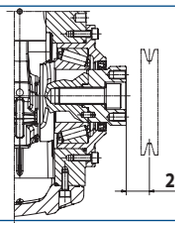




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side







La coppia max è prelevabile anche con pompa a pieno carico (50 hp sulla presa primaria).
Max. torque is available also with pump at full load (50 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	65	7,0 7,4 8,3 9,3	750 800 900 1000
Giunto diretto - *Flex joint direct*	130	14,0 14,8 16,6 18,6	750 800 900 1000

VFH series 50HP



COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 2 versioni.
- Sistema di raffreddamento pistoni e guarnizioni di pressione.
- Valvole aspirazione mandata coassiali.
- Lubrificazione a sbattimento.

CONSTRUCTION
- *Triplex plunger pump, available in 2 versions.*
- *Pressure packing integrated cooling system.*
- *Coaxial suction / delivery valves.*
- *Splash lubrication.*

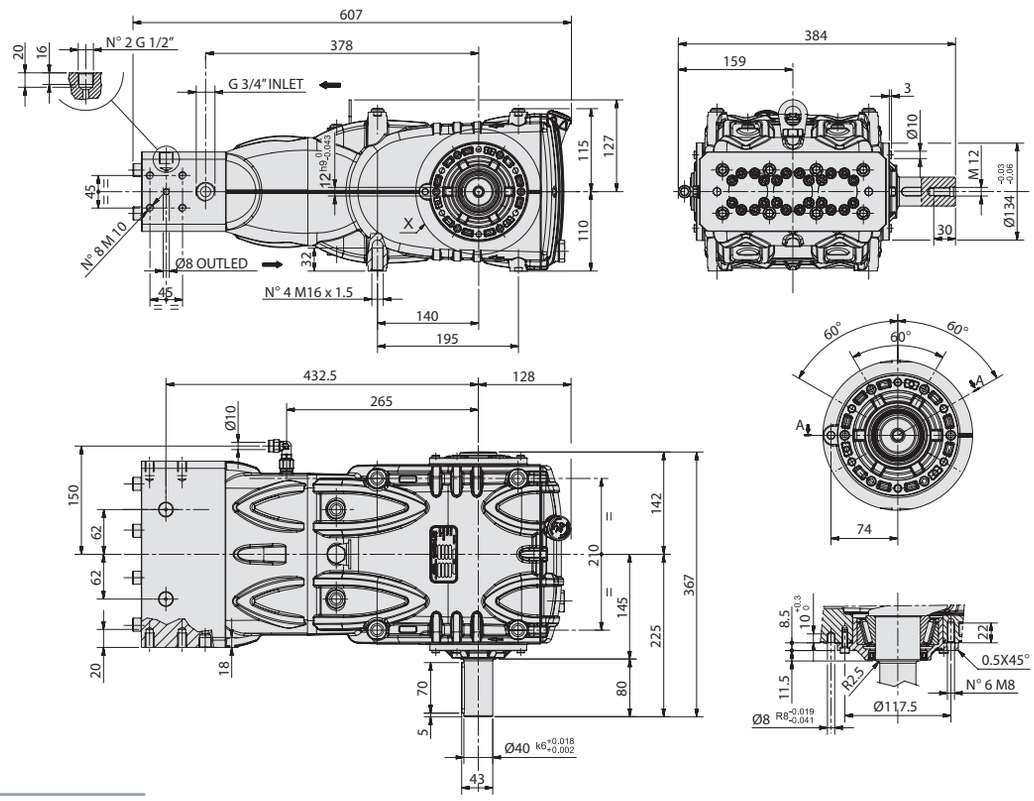
CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

Tipo pompa Pump type	Portata Volume		Pressione Pressure			g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max.
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	Nm
VF 12	12,5	3.3	1500	150	21750	750	50	36,8	63	464
	15	4.0	1200	120	17500	900	50	36,8	63	371
VF 14	17	4.5	1100	110	16000	750	50	36,8	63	463
	23	6.0	800	80	11600	1000	50	36,8	63	337

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

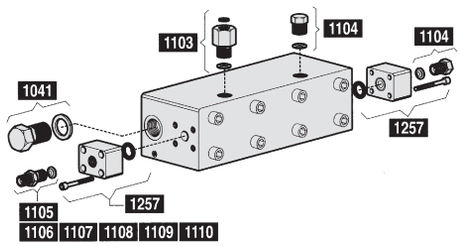
DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



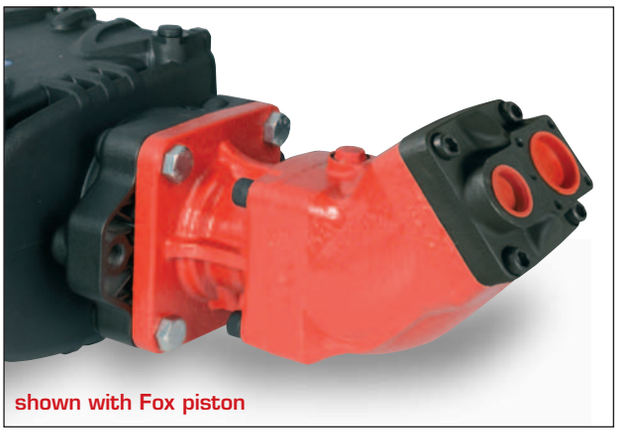
Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

KIT DI CONNESSIONE - *CONNECTION KIT*



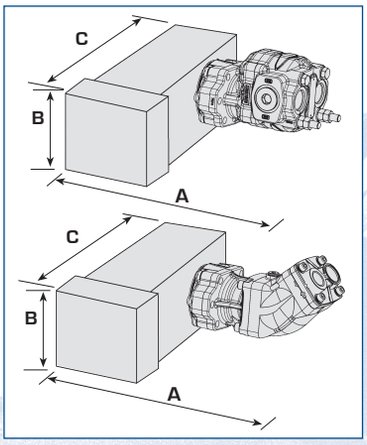
KIT 1041	INLET	G 3/4"
KIT 1103	OUTLET	G 1/2" HP - G 1/2"
KIT 1104	OUTLET	G 1/2" HP
KIT 1105	OUTLET	G 1/2" HP - G 1/4"
KIT 1106	OUTLET	G 1/2" HP - G 3/8"
KIT 1107	OUTLET	G 1/2" HP - M14x1,5
KIT 1108	OUTLET	G 1/2" HP - M20x1,5
KIT 1109	OUTLET	G 1/2" HP - M22x1,5
KIT 1110	OUTLET	G 1/2" HP - M24x1,5
KIT 1257	OUTLET	G 1/2" HP



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

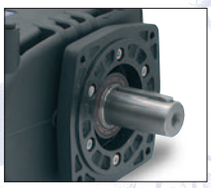
Pump package with hydraulic motor, fully assembled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



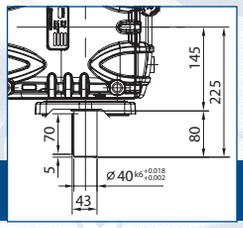
MOTOR OPTIONS

	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4050 3350	1000 1000	VFHY117 VFHY184	547x245x607 547x245x607	101 105
	PISTON	FOX	108 130	340 340	34 34	4950 4950	1000 1000	VFHY108 VFHY130	571x225x607 586x225x607	77 77

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



Flangia supporto per azionamenti diretti
Flange for direct drive mount

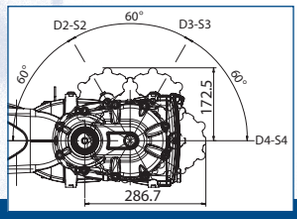


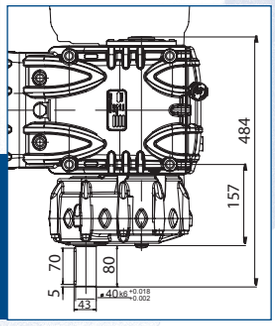


Riduttore / *Gearbox*

Le pompe KF sono disponibili su richiesta con riduttore di giri laterale. Il riduttore è disponibile in 3 rapporti ed installabile a dx o sx della pompa in 4 differenti angoli. Rapporti di riduzione: R=1,25:1 - R=1,50:1 - R=1,83:1

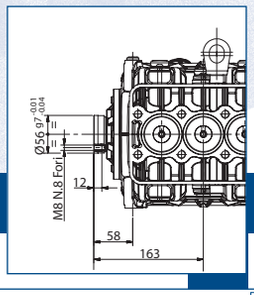
KF pumps can be supplied with a optional gearbox available in 3 different ratios. The gearbox can be mounted on the left or right side of the pump in 4 different angles, at customer choice. Gearbox ratios:R=1,25:1 - R=1,50:1 - R=1,83:1

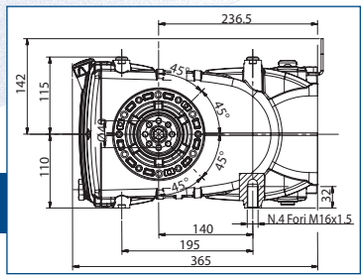


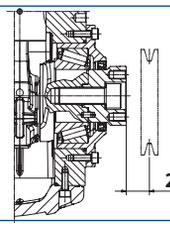




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side





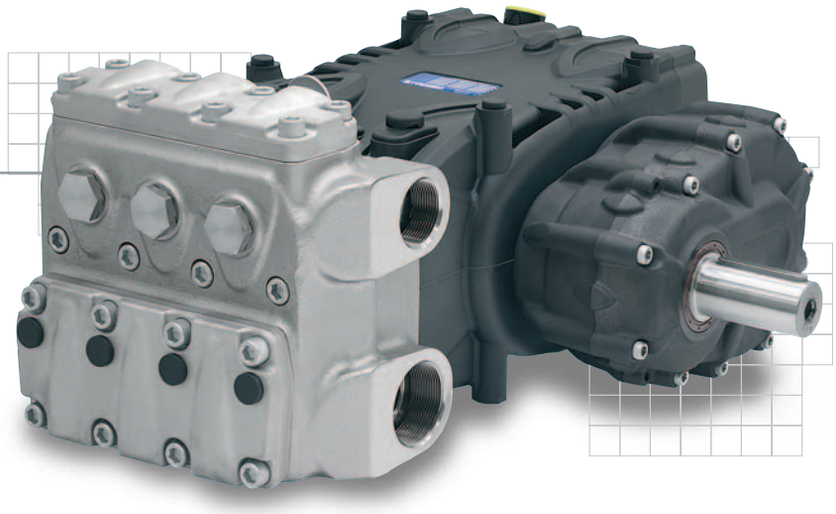


La coppia max è prelevabile anche con pompa a pieno carico (50 hp sulla presa primaria).
Max. torque is available also with pump at full load (50 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	65	7,0 7,4 8,3 9,3	750 800 900 1000
Giunto diretto - *Flex joint direct*	130	14,0 14,8 16,6 18,6	750 800 900 1000

KS series

75HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

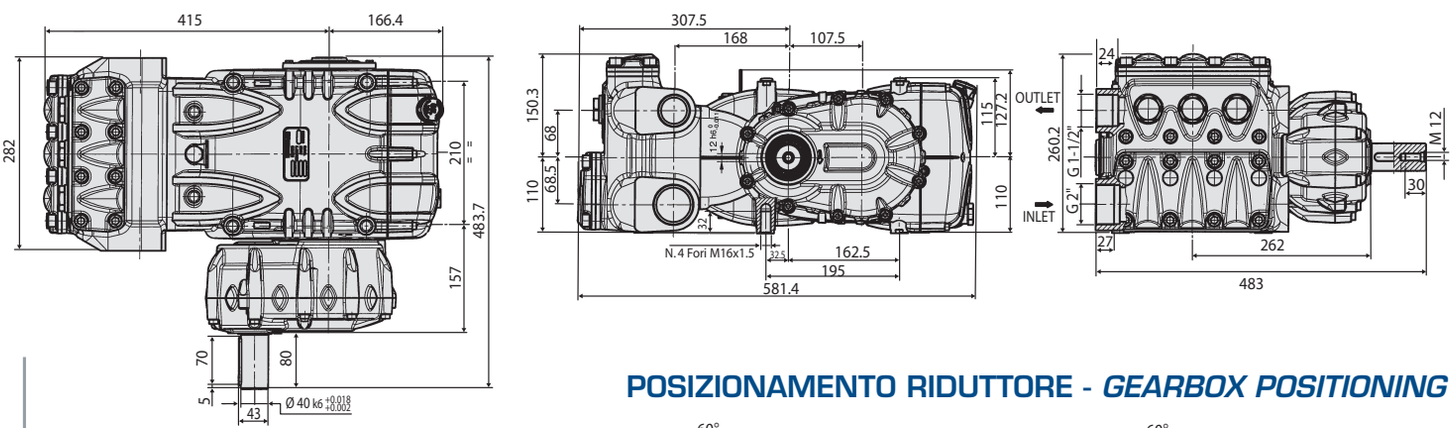
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 4 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 3 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 4 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gearbox available in 3 ratios and positionable on left or right side of the pump.*
- ***Flushing systems available on request on selected versions.***

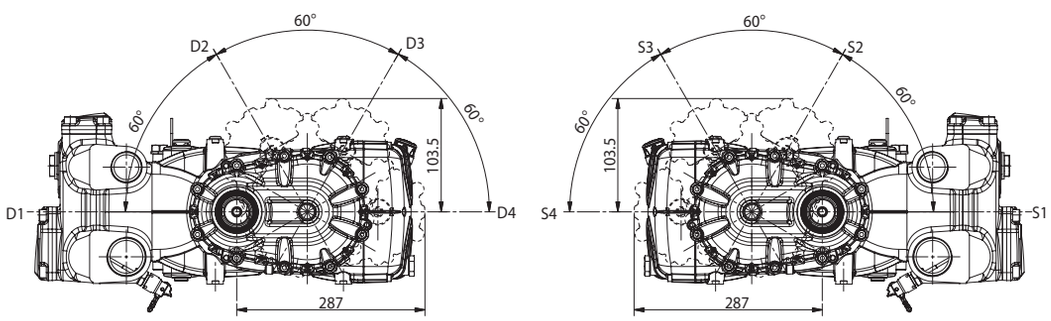
Tipo pompa Pump type	Portata Volume l/min US Gpm	Pressione Pressure bar MPa p.s.i.	g/min r.p.m.	Potenza Power hp kW	Peso Weight kg	Coppia max. torque max. Nm
KS 28	110 29.1	250 25 3625	1500/1800/2200	75 55,0	95	421
KS 32	145 38.3	200 20 2900	1500/1800/2200	75 55,0	95	440
KS 36	183 48.3	160 16 2320	1500/1800/2200	75 55,0	95	445
KS 40	226 59.7	140 14 2000	1500/1800/2200	75 55,0	95	481

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*

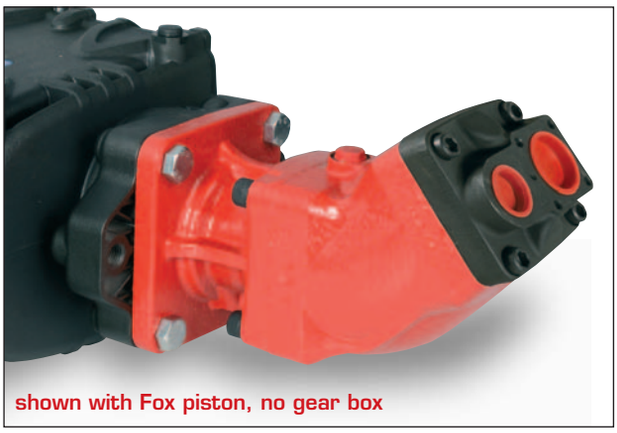


POSIZIONAMENTO RIDUTTORE - *GEARBOX POSITIONING*



Scheda tecnica, esplosi, manuali uso e manutenzione

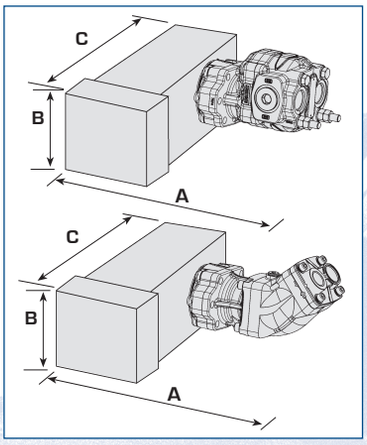
Data sheet, exploded view, repair & maintenance manuals


shown with Fox piston, no gear box

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

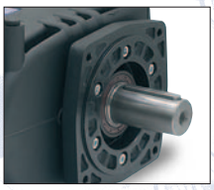
Pump package with hydraulic motor, fully assembled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



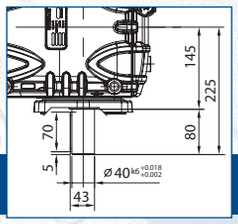
MOTOR OPTIONS DIRECT DRIVE

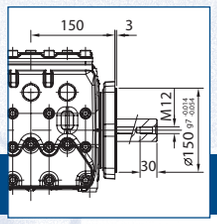
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4000 3350	1200 1200	KSHY117 KSHY184	768x303x582 794x303x582	119 123
	PISTON	FOX	108 130	340 340	34 34	4950 4950	1200 1200	KSHY108 KSHY130	792X303X582 807X303X582	95 99

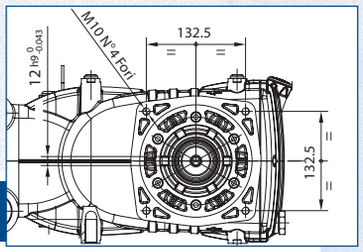
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

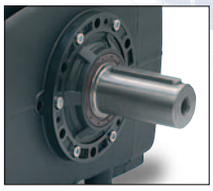


Flangia supporto per azionamenti diretti
Flange for direct drive mount

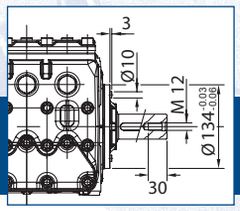


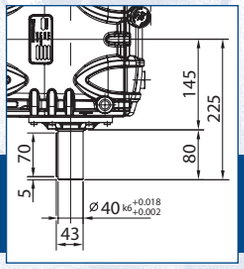


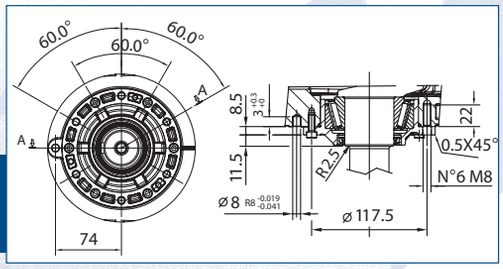




Presa diretta
senza riduttore 1200 g/min
Direct drive
without gearbox 1200 r.p.m.

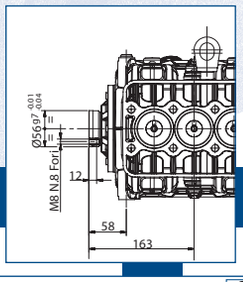


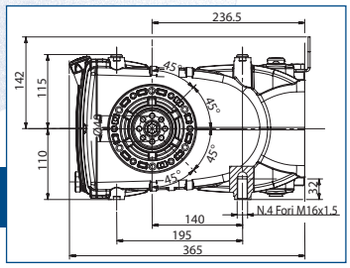


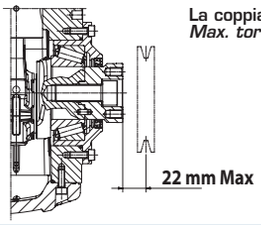




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side



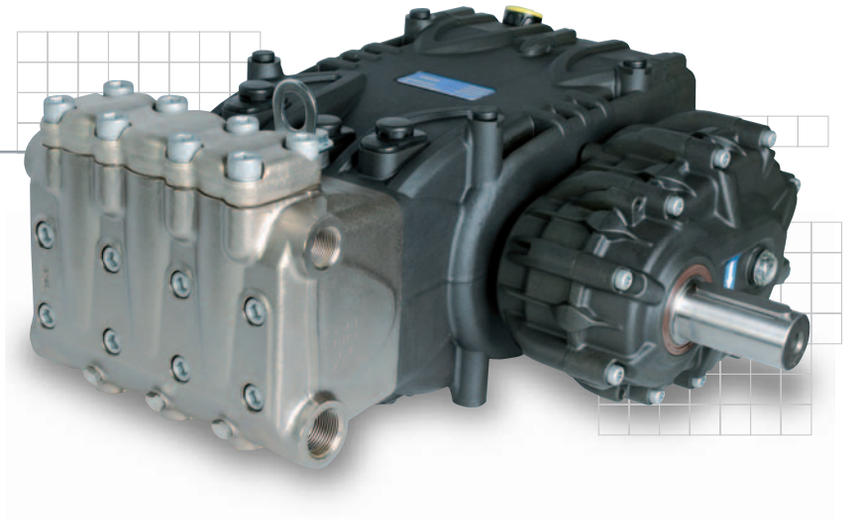




La coppia max è prelevabile anche con pompa a pieno carico (75 hp sulla presa primaria).
Max. torque is available also with pump at full load (75 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	65	7,0 7,4 8,3 9,3 11,1	750 800 900 1000 1200
Giunto diretto - *Flex joint direct*	130	14,0 14,8 16,6 18,6 22,2	750 800 900 1000 1200

HS series
75HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

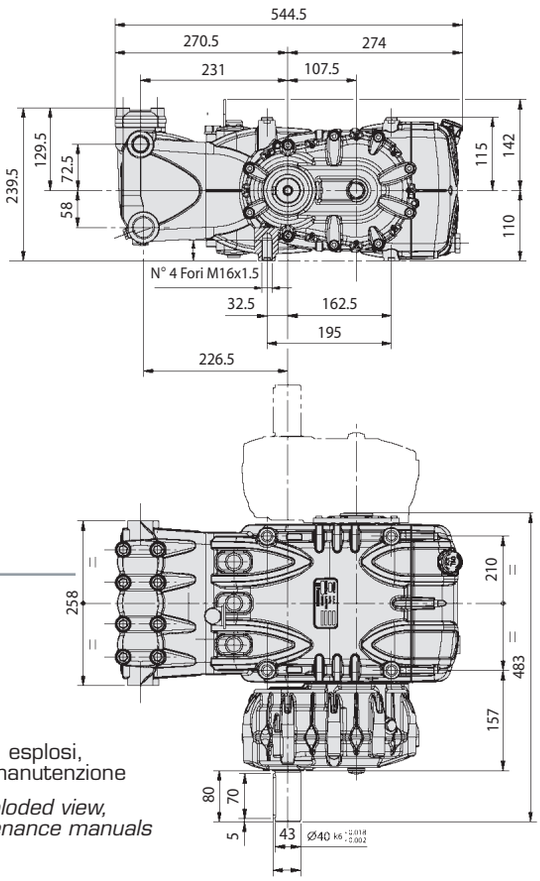
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 2 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 3 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

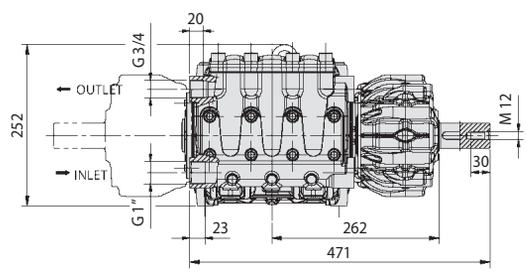
CONSTRUCTION
- *Triplex plunger pump, available in 2 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gearbox available in 3 ratios and positionable on left or right side of the pump.*
- ***Flushing systems available on request on selected versions.***

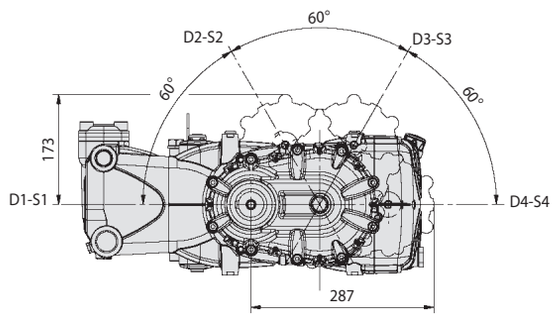
Tipo pompa Pump type	Portata Volume l/min US Gpm	Pressione Pressure bar MPa p.s.i.	g/min r.p.m.	Potenza Power hp kW	Peso Weight kg	Coppia max. torque max. Nm
HS 18	46 12,1	600 60 8700	1500/1800/2200	75 55,0	78	417
HS 20	57 15,1	500 50 7250	1500/1800/2200	75 55,0	78	429

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*

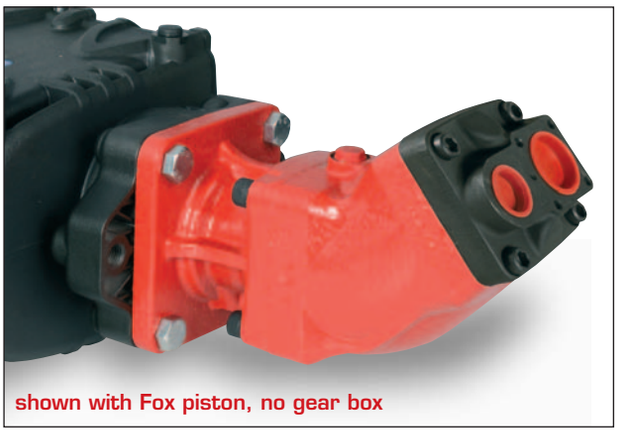






Scheda tecnica, esplosi, manuali uso e manutenzione

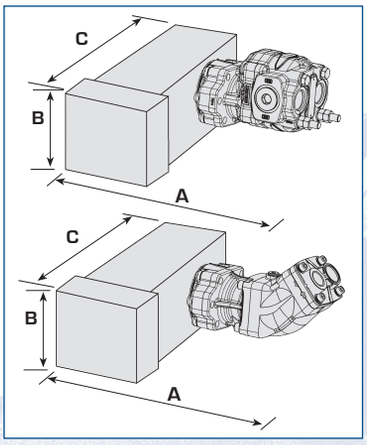
Data sheet, exploded view, repair & maintenance manuals


shown with Fox piston, no gear box

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

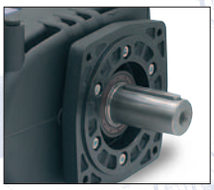
Pump package with hydraulic motor, fully assembled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



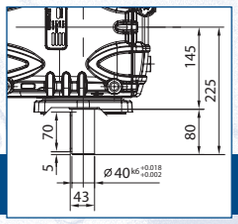
MOTOR OPTIONS DIRECT DRIVE

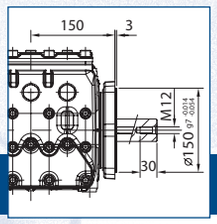
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4000 3350	1200 1200	HSHY117 HSHY184	547x245x545 573x245x545	116 120
	PISTON	FOX	108 130	340 340	34 34	4950 4950	1200 1200	HSHY108 HSHY130	571x240x545 586x240x545	92 96

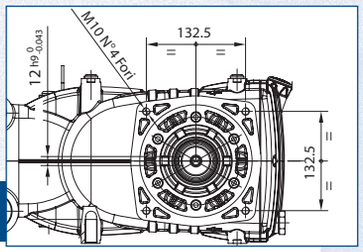
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

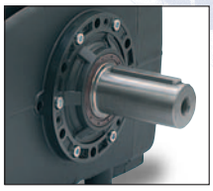


Flangia supporto per azionamenti diretti
Flange for direct drive mount

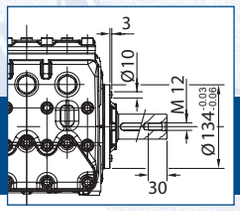


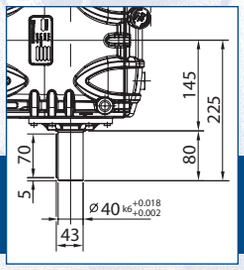


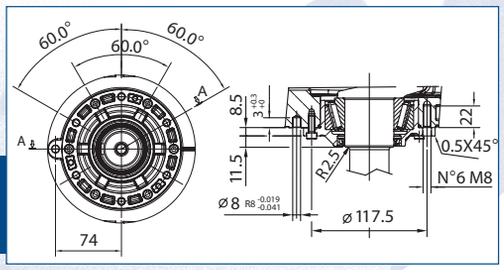




Presa diretta
senza riduttore 1200 g/min
Direct drive
without gearbox 1200 r.p.m.

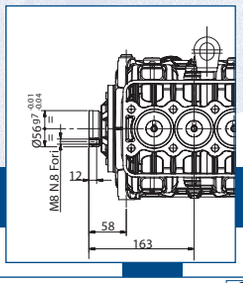


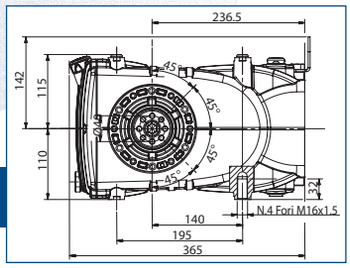


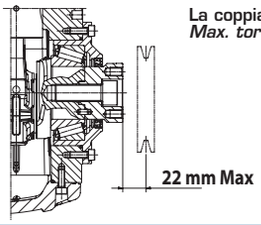




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side







La coppia max è prelevabile anche con pompa a pieno carico (75 hp sulla presa primaria).
Max. torque is available also with pump at full load (75 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	65	7,0 7,4 8,3 9,3 11,1	750 800 900 1000 1200
Giunto diretto - *Flex joint direct*	130	14,0 14,8 16,6 18,6 22,2	750 800 900 1000 1200

VK series
75HP



COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali
- Disponibile in 2 versioni
- Sistema di raffreddamento tenute integrato
- Valvole aspirazione e mandata coassiali
- Lubrificazione a sbattimento.

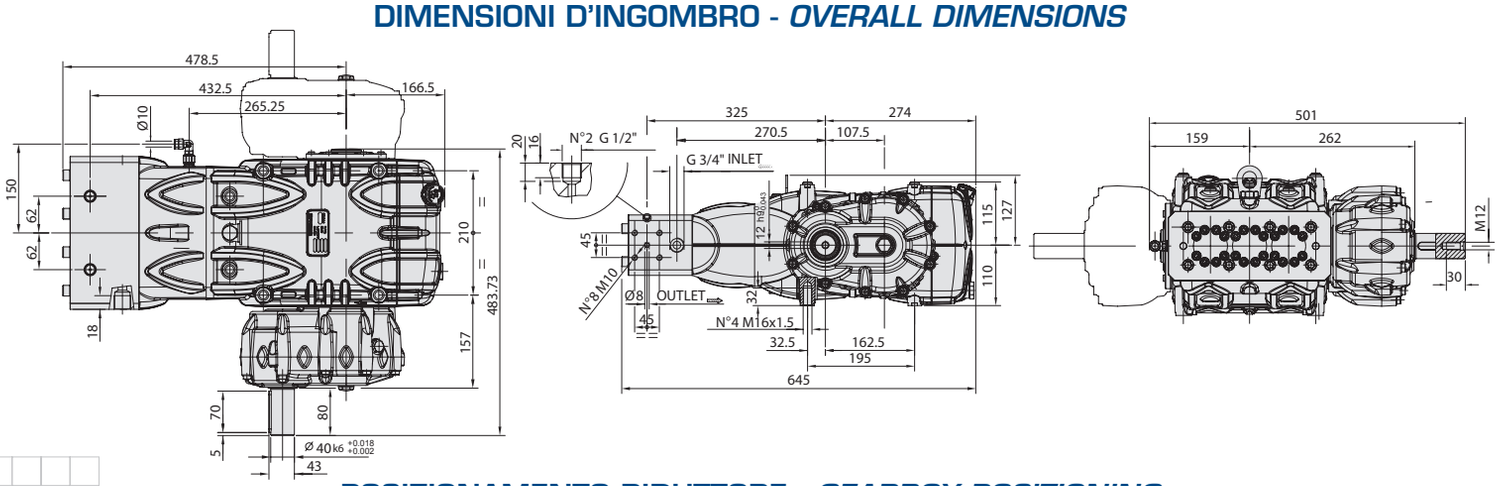
CONSTRUCTION
- *Triplex plunger pump*
- *Available in 2 versions*
- *Integrated cooling system*
- *Coaxial suction/delivery valves*
- *Splash lubrification*

CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.
SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

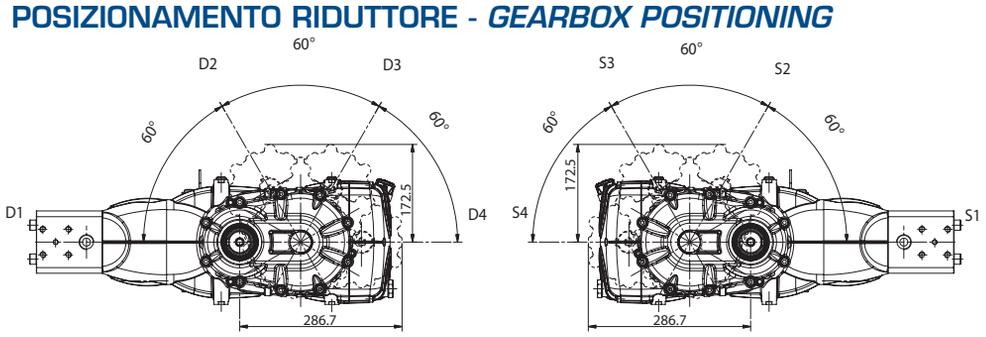
Tipo pompa Pump type	Portata Volume l/min US Gpm	Pressione Pressure bar MPa p.s.i.	g/min r.p.m.	Potenza Power hp kW	Peso Weight kg	Coppia max. torque max. Nm
VK 12	20 53	1500 150 21750	1500/1800/2200	75 55,0	80	464
VK 14	28 74	1100 110 15950	1500/1800/2200	75 55,0	80	463

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



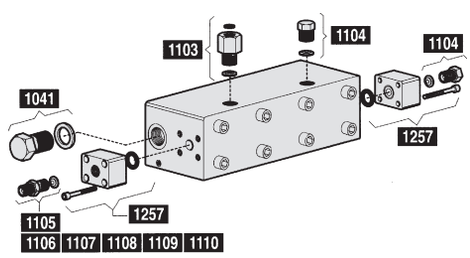
POSIZIONAMENTO RIDUTTORE - *GEARBOX POSITIONING*



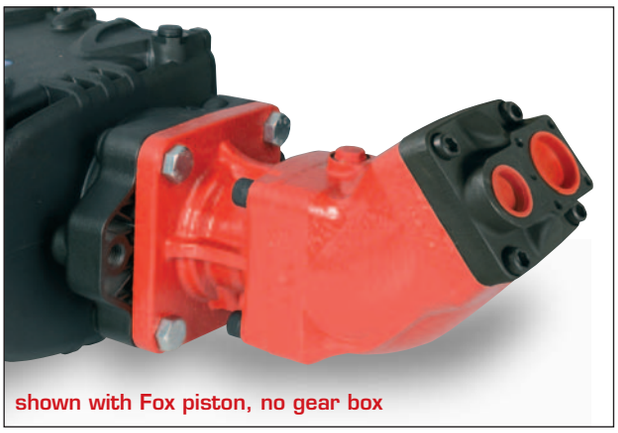
Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

KIT DI CONNESSIONE - *CONNECTION KIT*



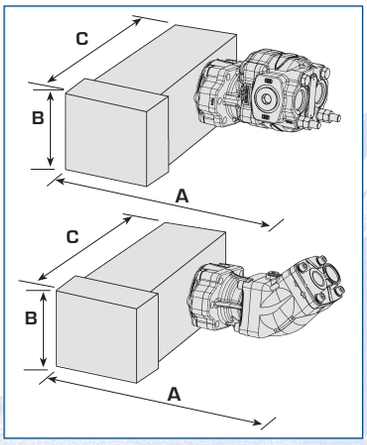
KIT 1041	INLET	G 3/4"
KIT 1103	OUTLET	G 1/2" HP - G 1/2"
KIT 1104	OUTLET	G 1/2" HP
KIT 1105	OUTLET	G 1/2" HP - G 1/4"
KIT 1106	OUTLET	G 1/2" HP - G 3/8"
KIT 1107	OUTLET	G 1/2" HP - M14x1,5
KIT 1108	OUTLET	G 1/2" HP - M20x1,5
KIT 1109	OUTLET	G 1/2" HP - M22x1,5
KIT 1110	OUTLET	G 1/2" HP - M24x1,5
KIT 1257	OUTLET	G 1/2" HP


shown with Fox piston, no gear box

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

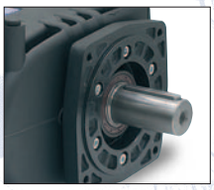
Pump package with hydraulic motor, fully assembled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



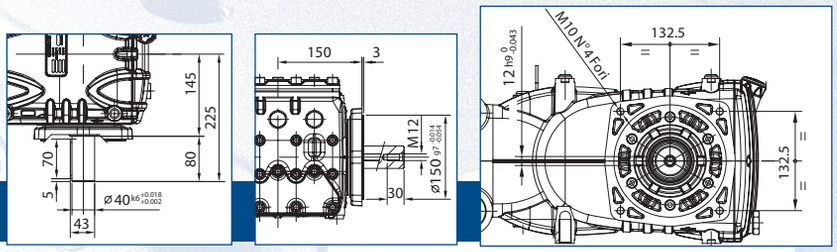
MOTOR OPTIONS DIRECT DRIVE

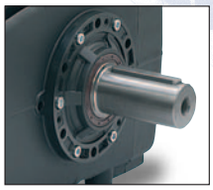
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4000 3350	1200 1200	VKHY117 VKHY184	768X245X645 794X245X645	118 122
	PISTON	FOX	108 130	340 340	34 34	4950 4950	1200 1200	VKHY108 VKHY130	792X225X645 807X225X645	94 98

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

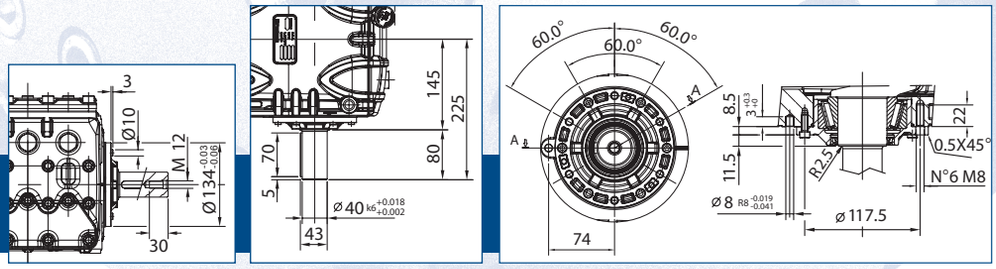


Flangia supporto per azionamenti diretti
Flange for direct drive mount



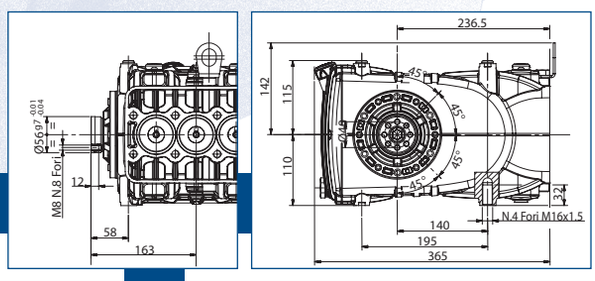


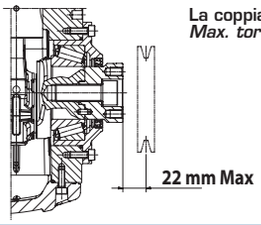
Presa diretta
senza riduttore 1200 g/min
Direct drive
without gearbox 1200 r.p.m.





Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side

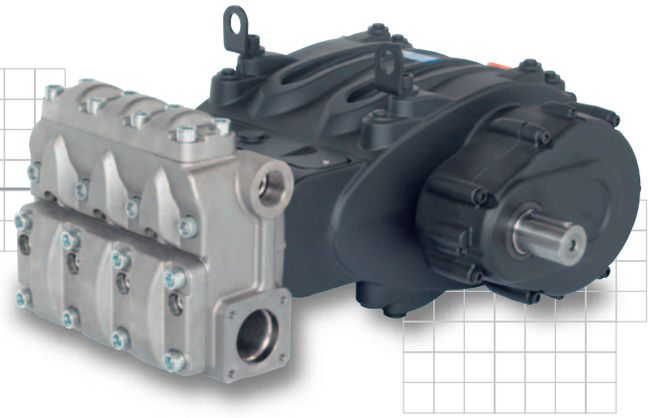




La coppia max è prelevabile anche con pompa a pieno carico (75 hp sulla presa primaria).
Max. torque is available also with pump at full load (75 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	65	7,0 7,4 8,3 9,3 11,1	750 800 900 1000 1200
Giunto diretto - *Flex joint direct*	130	14,0 14,8 16,6 18,6 22,2	750 800 900 1000 1200

MW LP series
100HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

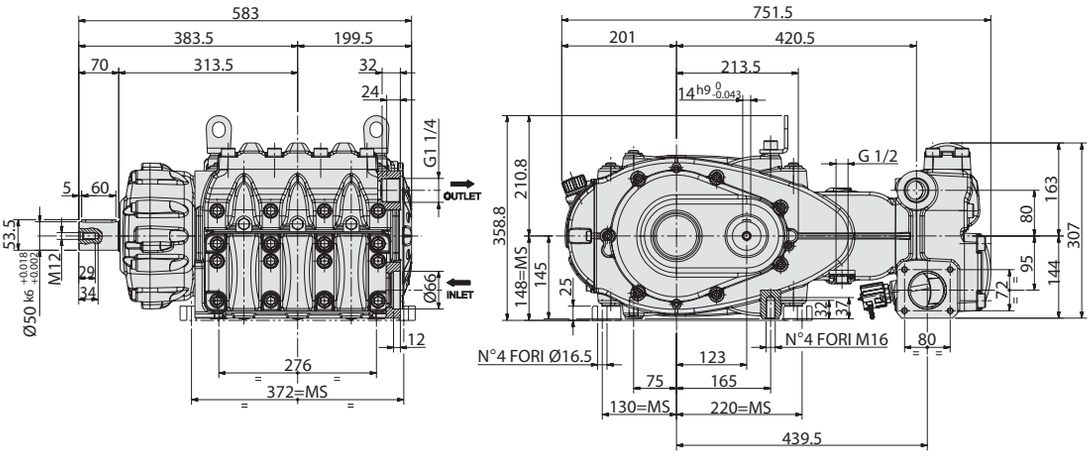
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 3 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 3 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- Kit drenaggio valvole.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 3 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gear box available in 3 ratios and positionable on left or right side of the pump.*
- *Drain valve kit.*
- ***Flushing systems available on request on selected versions.***

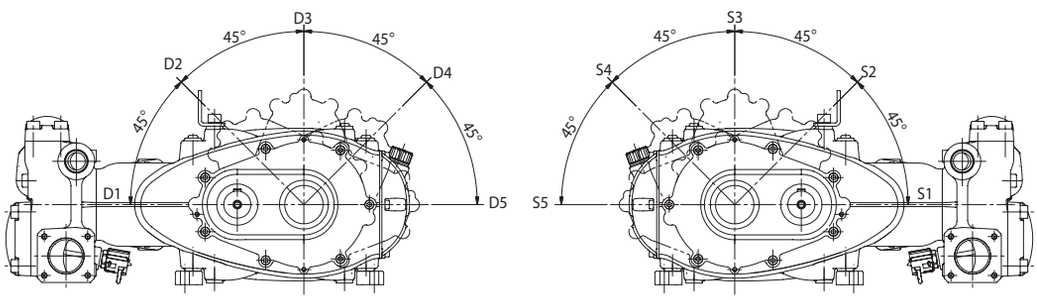
Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Riduttore Gearbox g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Coppia max. Torque max. 1500/1800/2200/2600 rpm Nm
MW 45	267	70.5	155	15,5	2248	1500 / 1800 / 2200 / 2600	100	74	255	503/421/346/294
MW 50	330	87.2	125	12,5	1813	1500 / 1800 / 2200 / 2600	100	74	255	501/420/345/292
MW 55	399	105.4	100	10	1450	1500 / 1800 / 2200 / 2600	100	74	255	485/406/334/283

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



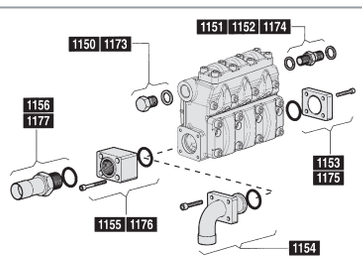
POSIZIONAMENTO RIDUTTORE - *GEARBOX POSITIONING*



ATEX
ON REQUEST

Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals



KIT DI CONNESSIONE
CONNECTION KIT

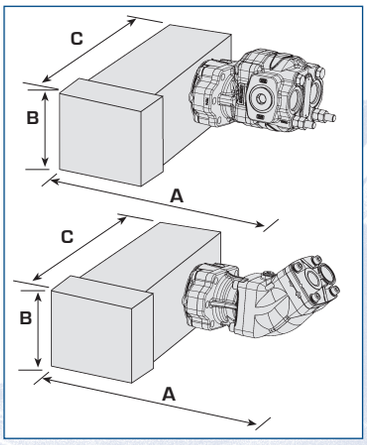
KIT 1150	OUTLET	G1"1/4
KIT 1151	OUTLET	G1"1/4 - G1"1/2
KIT 1152	OUTLET	G1"1/4 - G1"1/4
KIT 1153	INLET	-
KIT 1154	INLET	O.D. Ø 76 mm E
KIT 1155	INLET	G 2" 1/2
KIT 1156	INLET	O.D. Ø 76 mm E



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



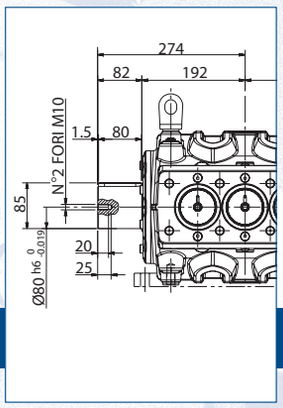
MOTOR OPTIONS

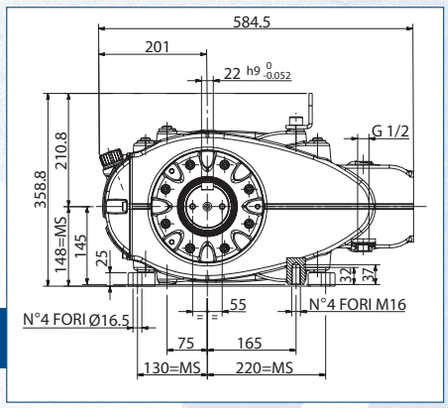
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4050 3350	2600 2200	MWHY117 MWHY184	769x311x756 795x311x756	293 297
	PISTON	FOX	84 108 130	340 340 340	34 34 34	4950 4950 4950	2600 2600 2500	MWHY84 MWHY108 MWHY130	795x311x756 795x311x756 810x311x756	269 269 273

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



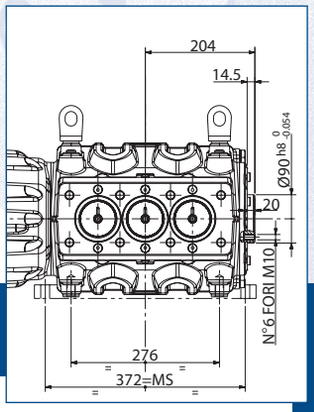
Presa diretta senza riduttore 800 g/min
Direct drive without gearbox 800 r.p.m.

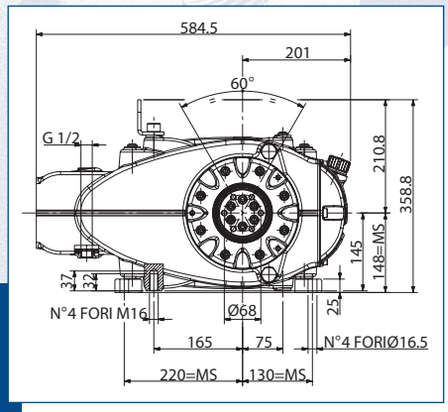






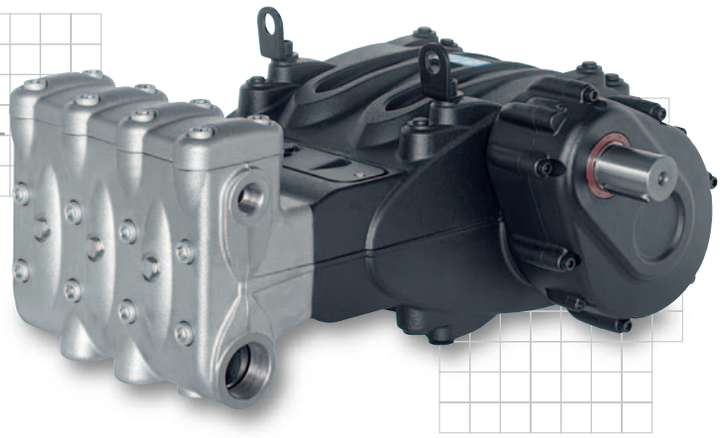
Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side





La coppia max è prelevabile anche con pompa a pieno carico (100 hp sulla presa primaria). *Max. torque is available also with pump at full load (100 hp at the primary shaft).*	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	150	17,0	800
Giunto diretto - *Flex joint direct*	220	25,0	800

MW HP series
100HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

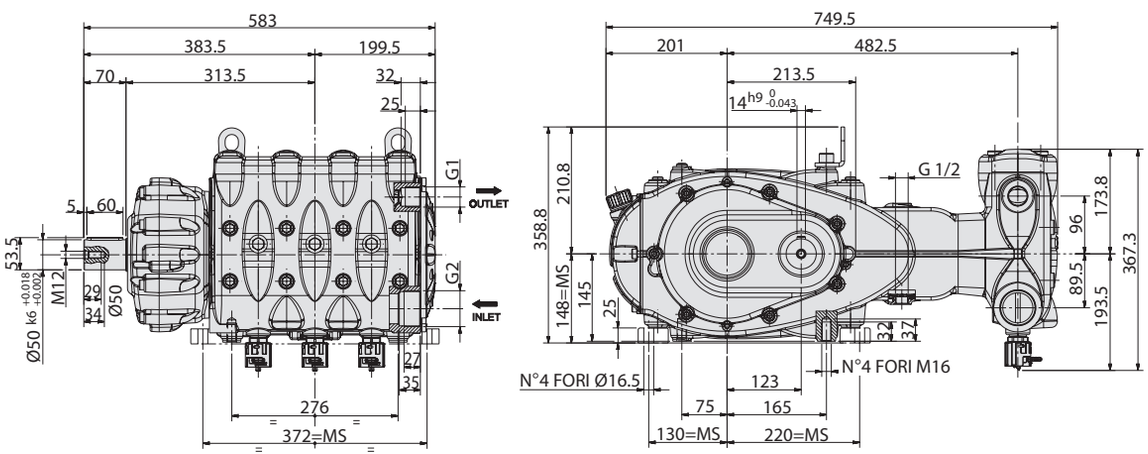
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 3 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 3 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- Kit drenaggio valvole.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 3 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gear box available in 3 ratios and positionable on left or right side of the pump.*
- *Drain valve kit.*
- ***Flushing systems available on request on selected versions.***

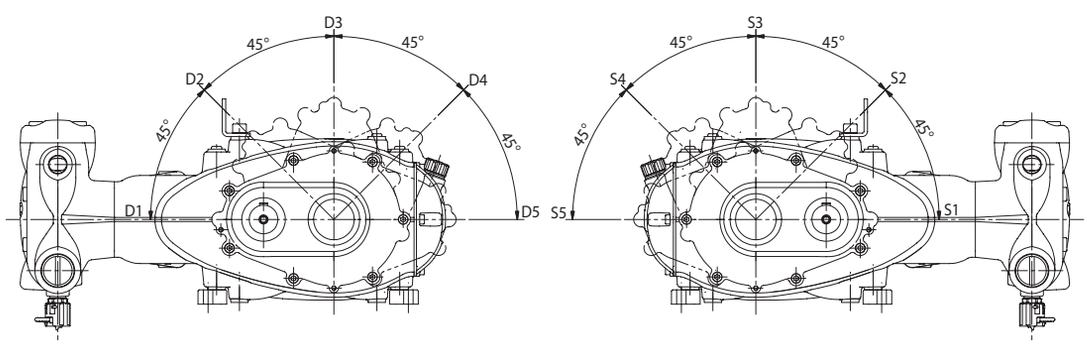
Tipo pompa Pump type	Portata Volume l/min	 US Gpm	Pressione Pressure bar	 MPa	 p.s.i.	Riduttore Gearbox g/min r.p.m.	Potenza Power hp	 kW	Peso Weight kg	Coppia max. Torque max. 1500/1800/2200/2600 rpm Nm
MW 32	135	35.7	300	30	4350	1500 / 1800 / 2200 / 2600	100	74	260	492/412/339/287
MW 36	171	45.2	240	24	3480	1500 / 1800 / 2200 / 2600	100	74	260	498/418/343/291
MW 40	211	55.7	210	21	3045	1500 / 1800 / 2200 / 2600	105	85	260	538/451/371/314

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



POSIZIONAMENTO RIDUTTORE - *GEARBOX POSITIONING*



ATEX AVAILABLE

Scheda tecnica, esplosi, manuali uso e manutenzione

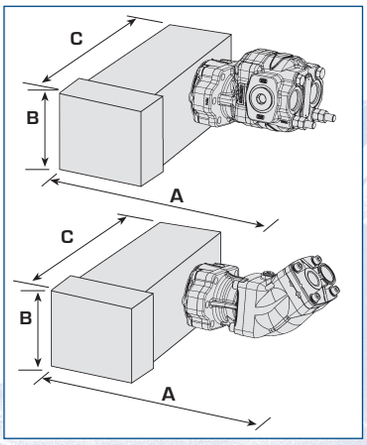
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



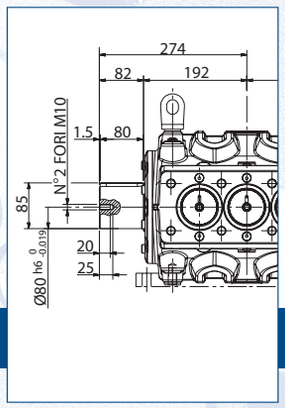
MOTOR OPTIONS

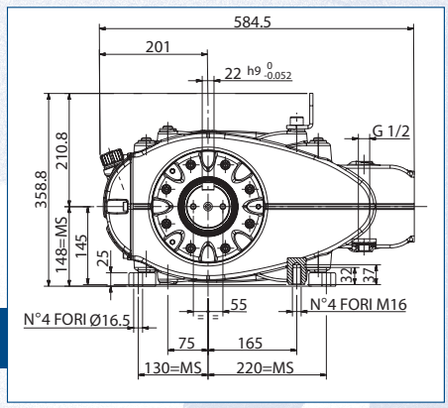
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4050 3350	2600 2200	MWHY117 MWHY184	769x368x756 795x368x756	293 297
	PISTON	FOX	84 108 130	340 340 340	34 34 34	4950 4950 4950	2600 2600 2500	MWHY84 MWHY108 MWHY130	795x368x756 795x368x756 810x368x756	269 269 273

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



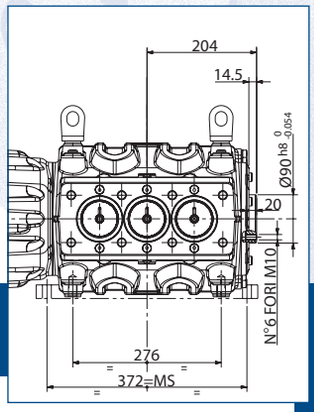
Presa diretta senza riduttore 800 g/min
Direct drive without gearbox 800 r.p.m.

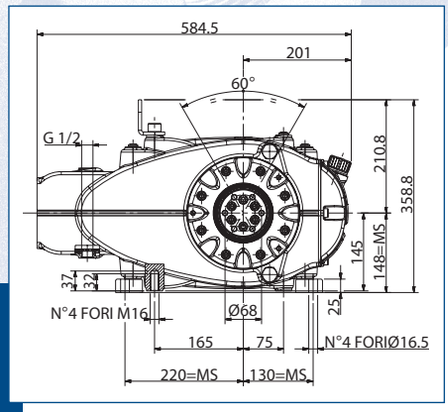






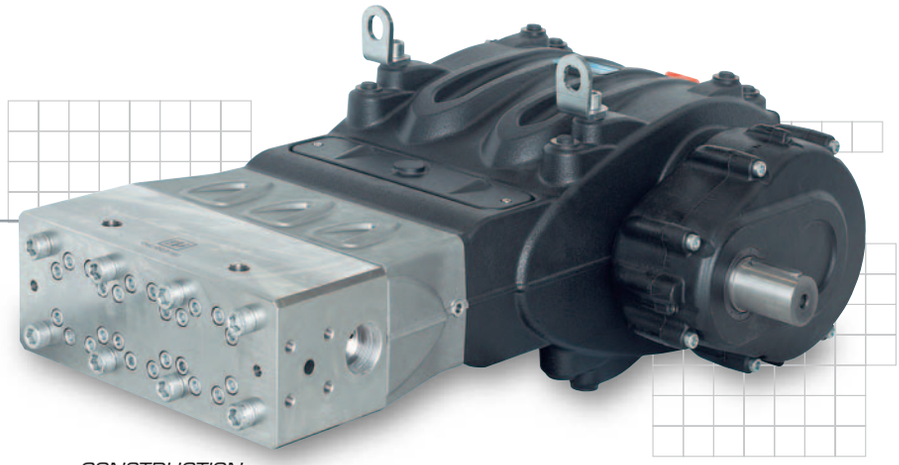
Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side





La coppia max è prelevabile anche con pompa a pieno carico (100 hp sulla presa primaria). *Max. torque is available also with pump at full load (100 hp at the primary shaft).*	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	150	17,0	800
Giunto diretto - *Flex joint direct*	220	25,0	800

SM series
100HP



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

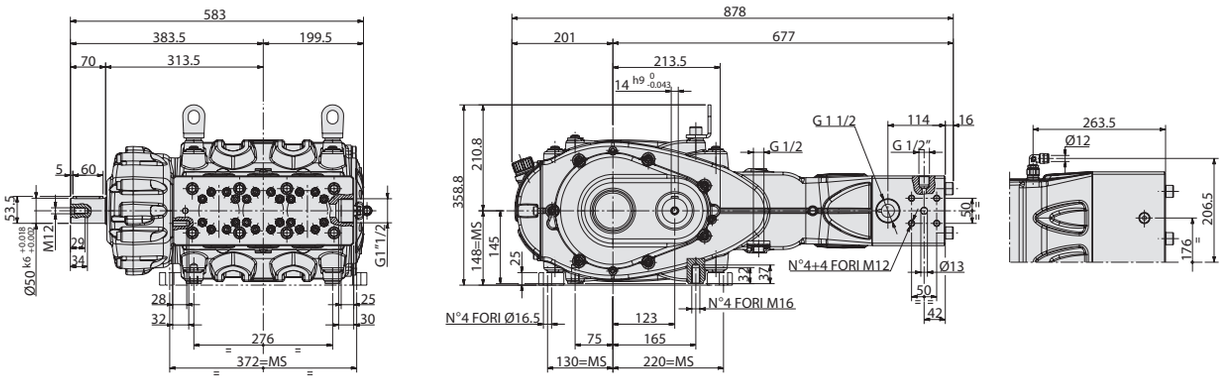
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Doppia guarnizione pressione.
- Sistema di raffreddamento pistoni e guarnizioni di pressione.
- Valvole aspirazione mandata coassiali.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in tre rapporti riduzione e posizionabile a destra o sinistra della pompa.

CONSTRUCTION
- *Triplex plunger pump, available in 6 versions.*
- *Double pressure packings*
- *Pressure packing integrated cooling system.*
- *Coaxial suction / delivery valves.*
- *Splash lubrication.*
- *External gear box available in three ratios and positionable on left or right side of the pump.*

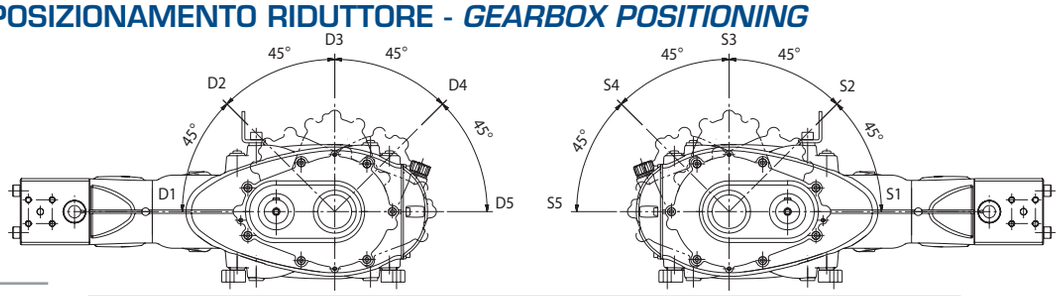
Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Riduttore Gearbox g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Coppia max. Torque max. 1500/1800/2200/2600 rpm Nm
SM 14	26	6.9	1500	150	21750	1500 / 1800 / 2200 / 2600	101	74,0	260	471/395/325/275
SM 16	34	9.0	1200	120	17400	1500 / 1800 / 2200 / 2600	106	78,0	260	492/412/339/287
SM 18	43	11.4	900	90	13050	1500 / 1800 / 2200 / 2600	101	74,0	260	467/391/322/273
SM 20	53	14.0	750	75	10875	1500 / 1800 / 2200 / 2600	103	76,0	260	481/403/311/281
SM 22	64	16.9	600	60	8700	1500 / 1800 / 2200 / 2600	100	74,0	260	465/390/321/272
SM 24	76	20.1	500	50	7250	1500 / 1800 / 2200 / 2600	99	73,0	260	461/387/318/269

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



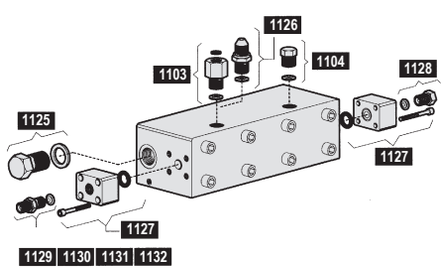
POSIZIONAMENTO RIDUTTORE - *GEARBOX POSITIONING*



Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

KIT DI CONNESSIONE - *CONNECTION KIT*



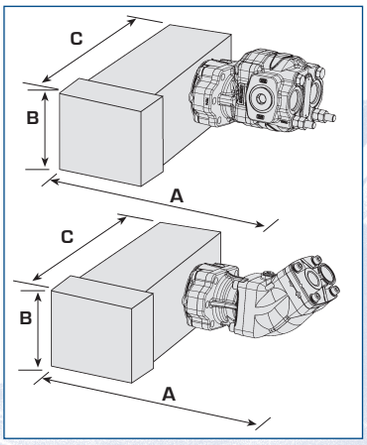
KIT 1103	OUTLET	G 1/2" HP - G 1/2"
KIT 1104	OUTLET	G 1/2" HP
KIT 1125	INLET	G 1"1/2
KIT 1126	OUTLET	G 1/2" HP - 5/8"UNF
KIT 1127	OUTLET	G 3/4" HP
KIT 1128	OUTLET	G 3/4" HP
KIT 1129	OUTLET	G 3/4" HP - G 3/8"
KIT 1130	OUTLET	G 3/4" HP - M20x1,5
KIT 1131	OUTLET	G 3/4" HP - M22x1,5
KIT 1132	OUTLET	G 3/4" HP - M24x1,5



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



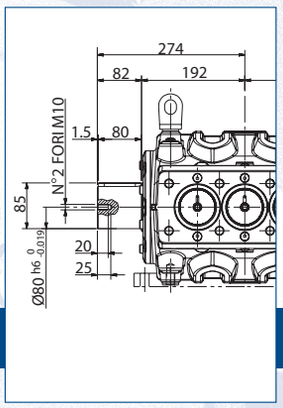
MOTOR OPTIONS

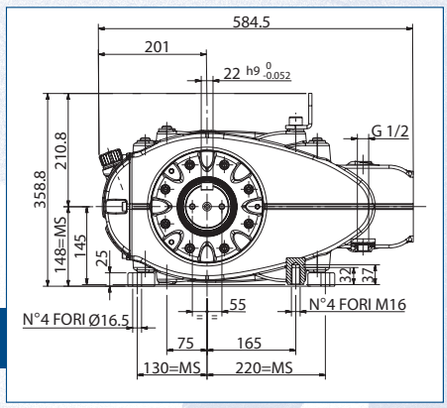
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4050 3350	2600 2200	SMHY117 SMHY184	769x290x878 795x290x878	298 302
	PISTON	FOX	84 108 130	340 340 340	34 34 34	4950 4950 4950	2600 2600 2500	SMHY84 SMHY108 SMHY130	795x290x878 795x290x878 810x290x878	274 274 278

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



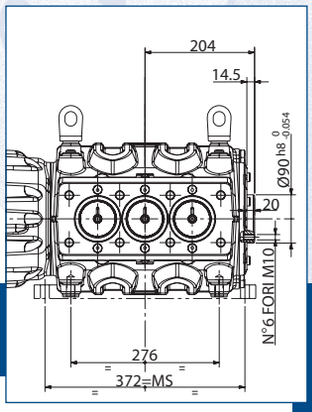
Presa diretta senza riduttore 800 g/min
Direct drive without gearbox 800 r.p.m.

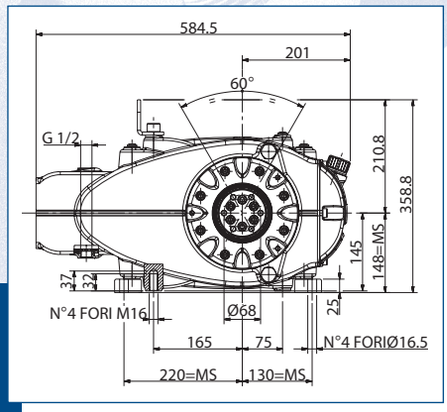






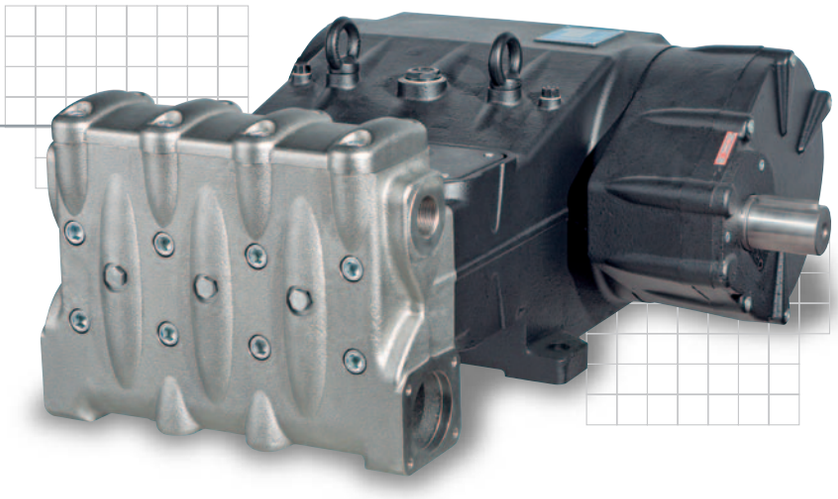
Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side





La coppia max è prelevabile anche con pompa a pieno carico (100 hp sulla presa primaria). *Max. torque is available also with pump at full load (100 hp at the primary shaft).*	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	150	17,0	800
Giunto diretto - *Flex joint direct*	220	25,0	800

MK LP series
150HP



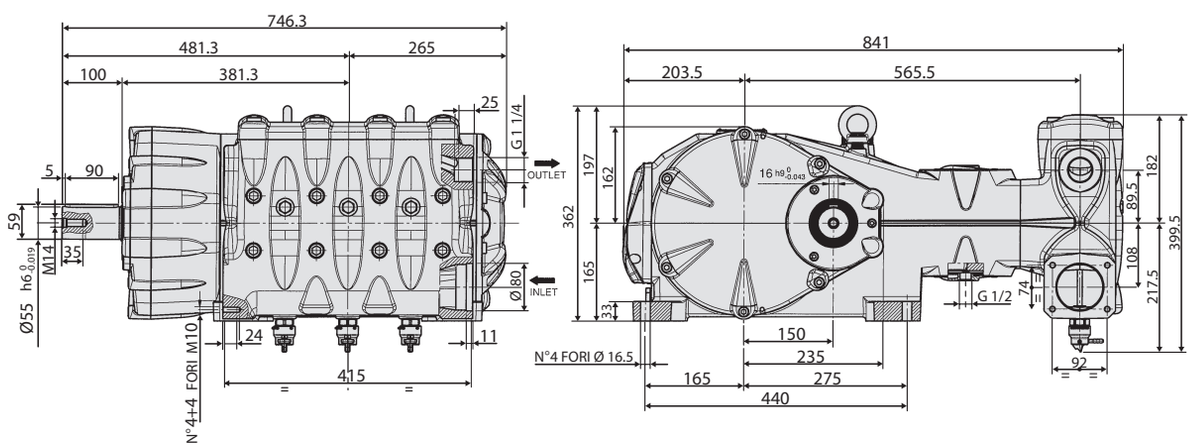
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 3 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 2 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- Kit drenaggio valvole.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 3 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gear box available in 2 ratios and positionable on left or right side of the pump.*
- *Drain valve kit.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata Volume		Pressione Pressure			Riduttore Gearbox g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max. 1500/1800/2050 rpm Nm
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	
MK 55	290	76.6	200	20	2900	1500 / 1800/2050	151	111	407	706/568/516
MK 60	346	91.4	170	17	2465	1500 / 1800/2050	153	112	407	714/575/523
MK 65	406	107.3	150	15	2175	1500 / 1800/2050	158	116	407	739/595/541

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Riduttore 2050 rpm solo esecuzione scanalato / *Gearbox 2050 rpm only spline shaft*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

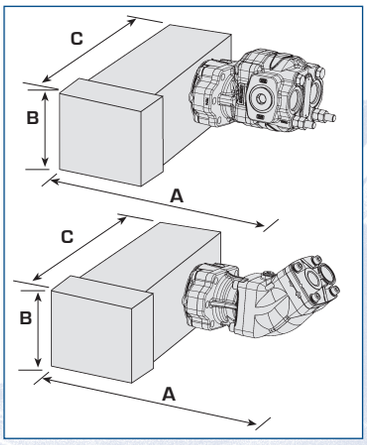
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.

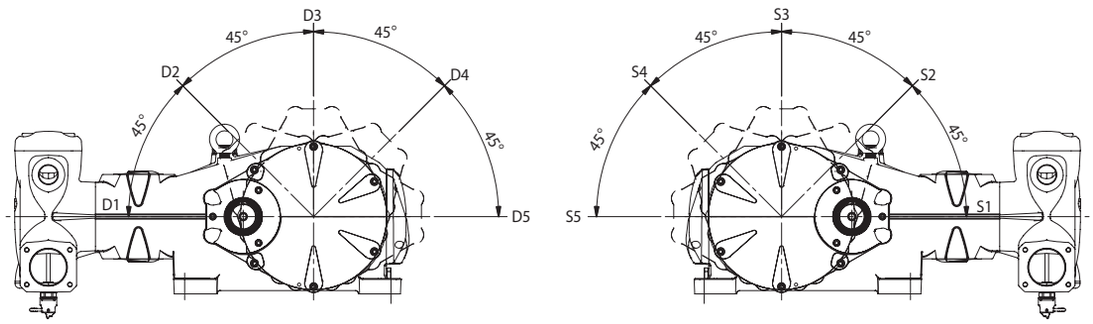


MOTOR OPTIONS

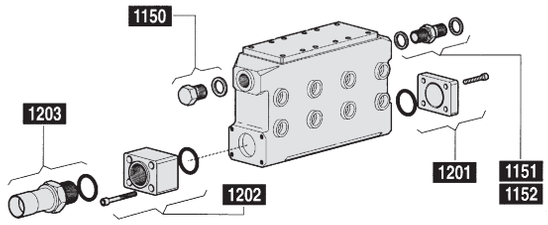
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	184	230	23	3350	2050	MKHY184	934x400x840	449
	PISTON	FOX	130	340	34	4950	2050	MKHY130	942x400x840	425

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

POSIZIONAMENTO RIDUTTORE - GEARBOX POSITIONING

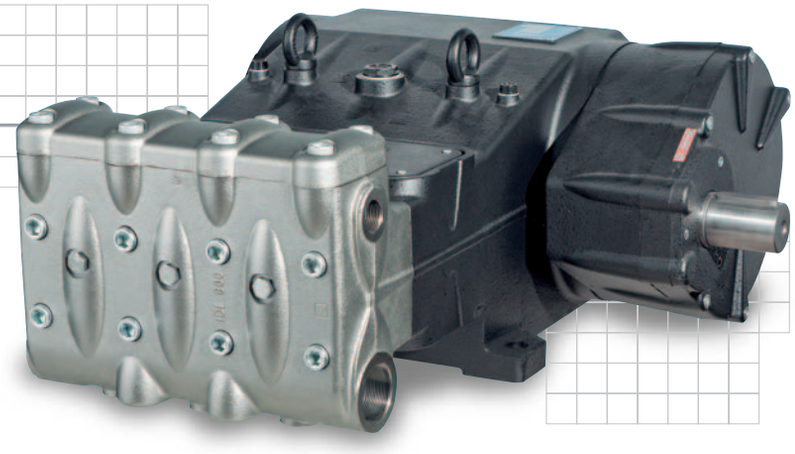


KIT DI CONNESSIONE - CONNECTION KIT



KIT 1150	OUTLET	G 1" 1/4
KIT 1151	OUTLET	G 1" 1/4 - G 1" 1/2
KIT 1152	OUTLET	G 1" 1/4 - G 1" 1/4
KIT 1201	INLET	-
KIT 1202	INLET	G 3"
KIT 1203	INLET	O.D. Ø 90 mm E

MK HP series
150HP



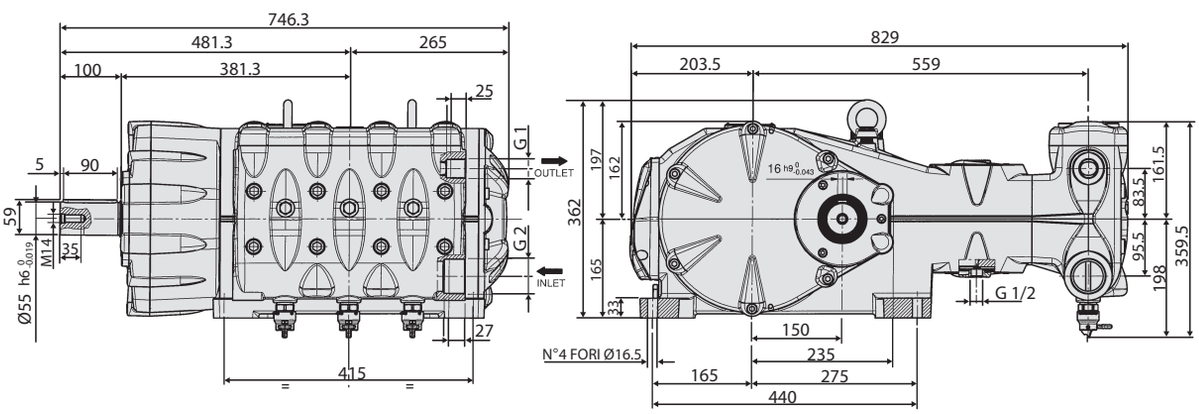
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 3 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 2 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- Kit drenaggio valvole.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 3 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gear box available in 2 ratios and positionable on left or right side of the pump.*
- *Drain valve kit.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata Volume		Pressione Pressure			Con riduttore With gearbox g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max. 1500/1800/2050 rpm Nm
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	
MK 40	154	40.5	400	40	5800	1500 / 1800	160	118	393	746/601
MK 45	194	51.3	300	30	4350	1500 / 1800	151	111	393	708/571
MK 50	240	63.4	250	25	3625	1500 / 1800	156	115	393	729/587

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Riduttore 2050 rpm solo esecuzione scanalato / *Gearbox 2050 rpm only spline shaft*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

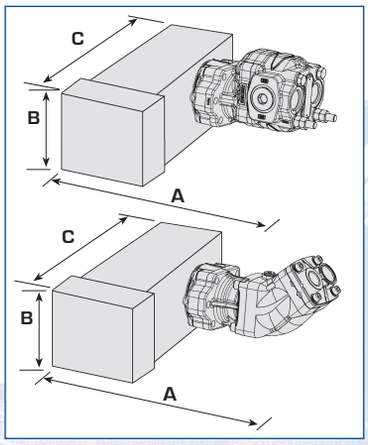
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.

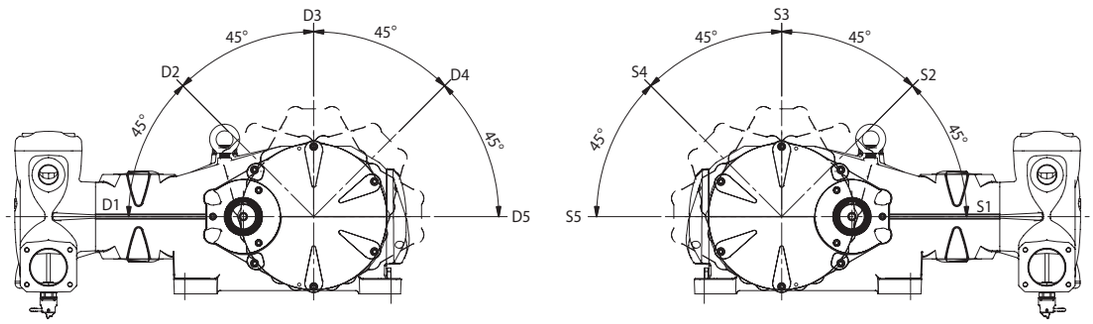


MOTOR OPTIONS

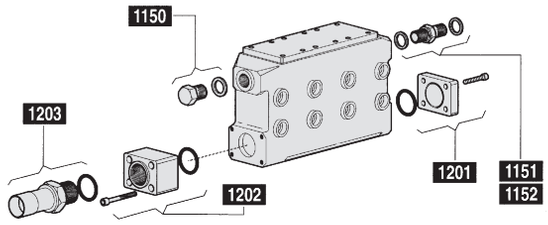
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	184	230	23	3350	2050	MKHY184	934x360x829	435
	PISTON	FOX	130	340	34	4950	2050	MKHY130	942x360x829	411

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

POSIZIONAMENTO RIDUTTORE - GEARBOX POSITIONING

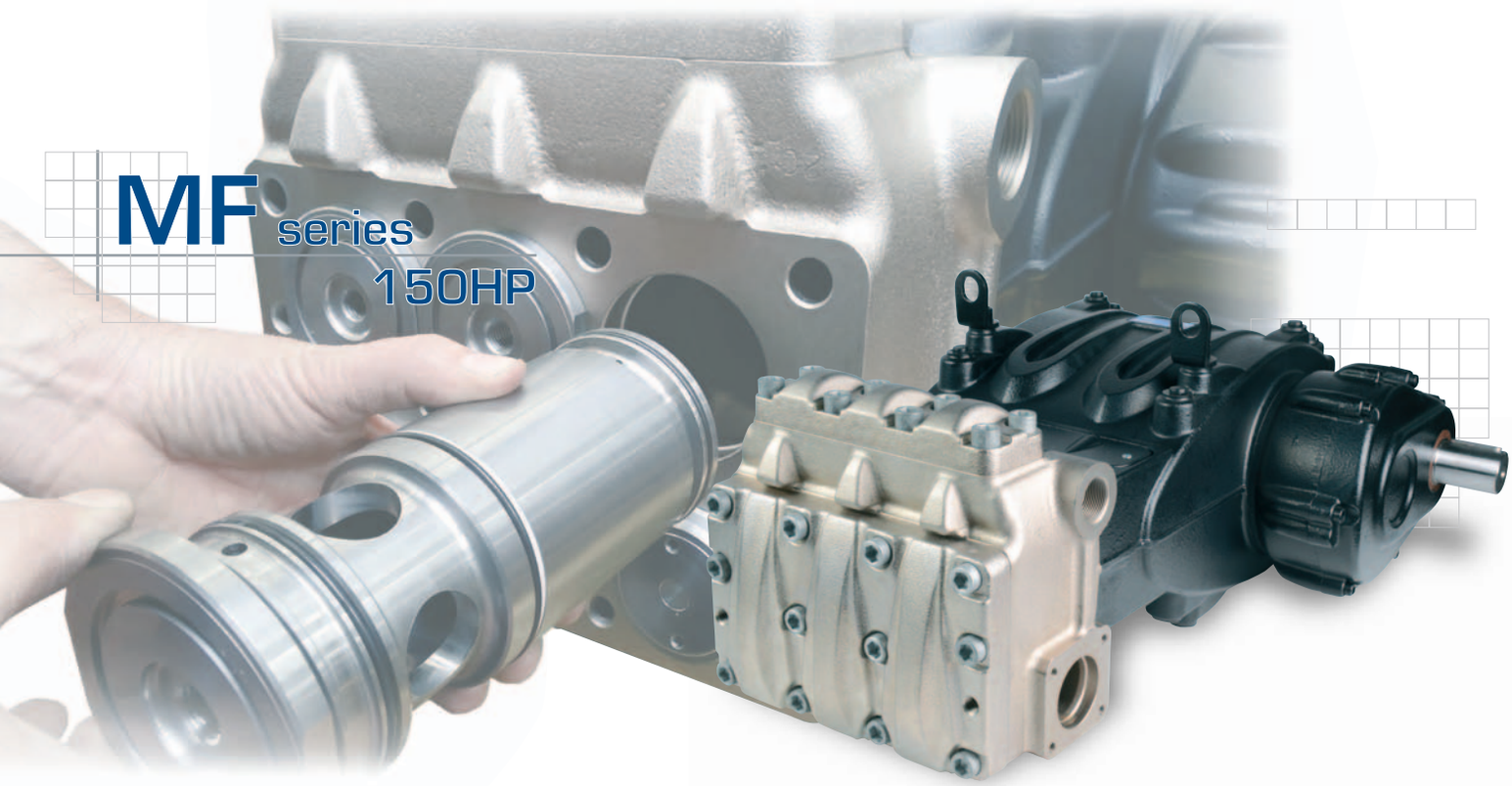


KIT DI CONNESSIONE - CONNECTION KIT



KIT 1150	OUTLET	G 1" 1/4
KIT 1151	OUTLET	G 1" 1/4 - G 1" 1/2
KIT 1152	OUTLET	G 1" 1/4 - G 1" 1/4
KIT 1201	INLET	-
KIT 1202	INLET	G 3"
KIT 1203	INLET	O.D. Ø 90 mm E

MF series 150HP



Manutenzione ordinaria facilitata grazie all'accesso frontale ai pistoni e alle tenute senza smontare la testata, così riducendo significativamente tempi e costi di intervento. Peso estremamente ridotto rispetto alla maggior parte di pompe della stessa classe.

CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

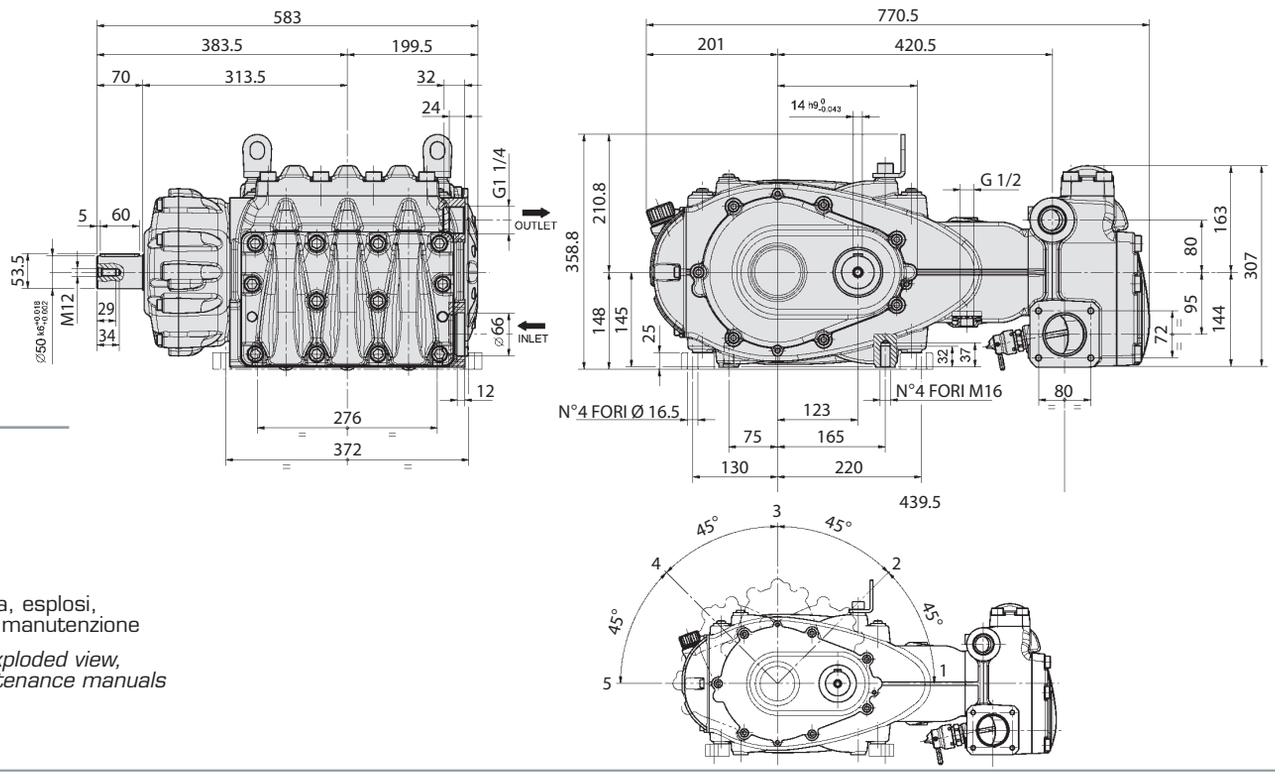
SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

Maintenance can be a difficult task when the plumbing work is complicated or the access to the pump is limited. The MF line features front easy access to the plungers and packings, thus making the replacement a matter of minutes.
Consistent weight reduction makes this pump serie one of the lighest in its power class

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Con riduttore With gearbox g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Coppia max. Torque max. 1500/1800/2220/2600 rpm Nm
MF 45	270	71	200	20	2900	1500 / 1800/2200/2600	140	103	260	649/544/447/379
MF 50	333	88	170	17	2465	1500 / 1800/2200/2600	147	108	260	681/571/469/398
MF 55	403	106	140	14	2030	1500 / 1800/2200/2600	147	108	260	697/569/467/396

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

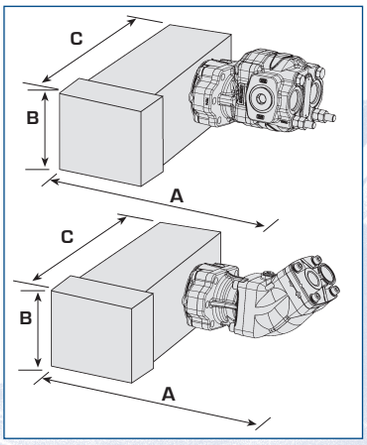
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
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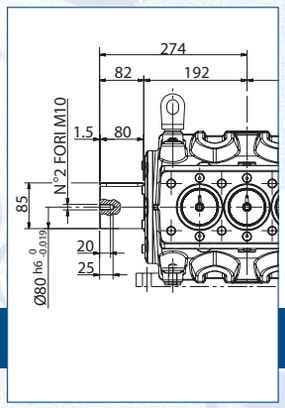
MOTOR OPTIONS

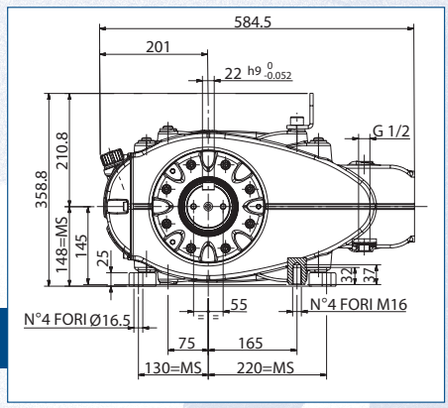
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM W	117 184	280 230	28 23	4050 3350	2600 2200	MFHY117 MFHY184	769x311x756 795x311x756	293 297
	PISTON	FOX	108 130	340 340	34 34	4950 4950	2600 2500	MFHY108 MFHY130	795x311x756 810x311x756	269 273

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



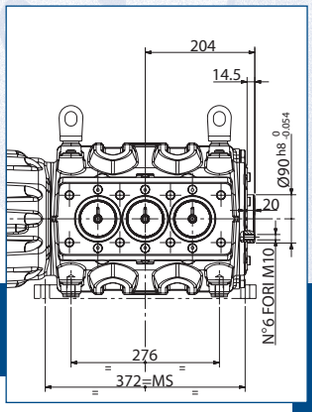
Presa diretta senza riduttore 800 g/min
Direct drive without gearbox 800 r.p.m.

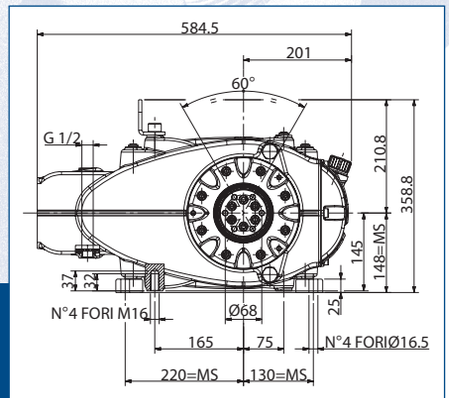






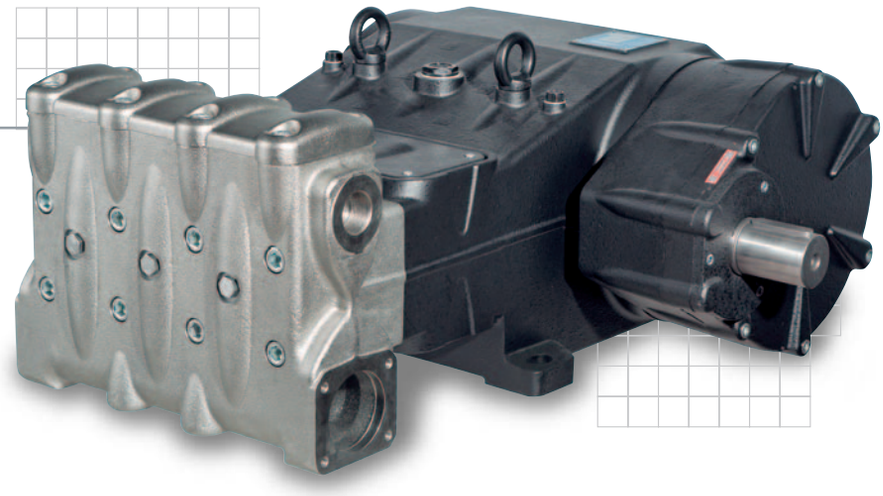
Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side





La coppia max è prelevabile anche con pompa a pieno carico (100 hp sulla presa primaria). *Max. torque is available also with pump at full load (100 hp at the primary shaft).*	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	150	17,0	800
Giunto diretto - *Flex joint direct*	220	25,0	800

MKS LP series
180HP



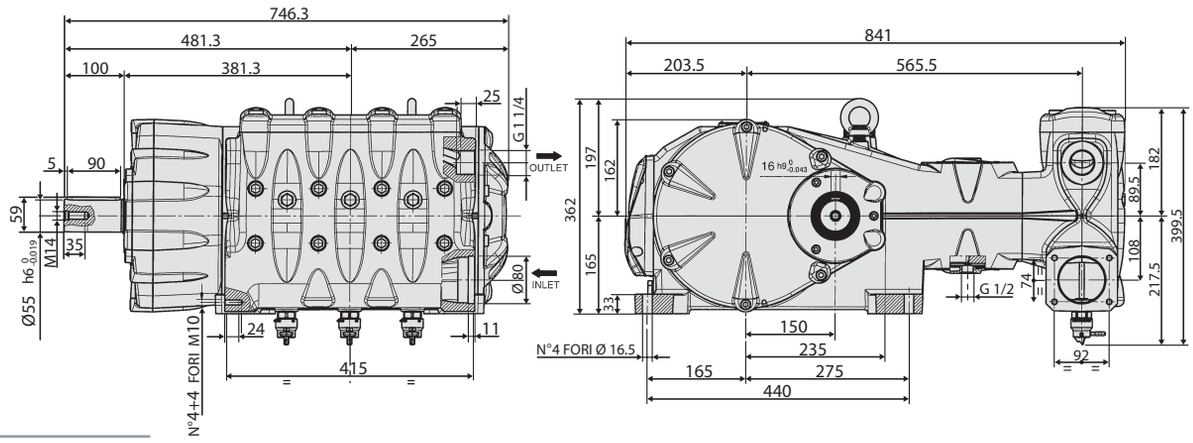
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 3 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 3 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- Kit drenaggio valvole.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 3 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gear box available in 3 ratios and positionable on left or right side of the pump.*
- *Drain valve kit.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata Volume		Pressione Pressure			Con riduttore With gearbox g/min r.p.m.	Potenza Power		Peso Weight	Coppia max. Torque max. 1500/1800/2200/2600 rpm Nm
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	
MKS 55	347	91.7	200	20	2900	1500 / 1800/2200	180	132,5	407	838/706/568/516
MKS 60	413	109.4	170	17	2465	1500 / 1800/2200	182	134,0	407	848714/575/523
MKS 65	485	128.0	150	15	2175	1500 / 1800/2200	189	139,0	407	878/739/595/541

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Riduttore 2050 rpm solo esecuzione scanalato / *Gearbox 2050 rpm only spline shaft*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

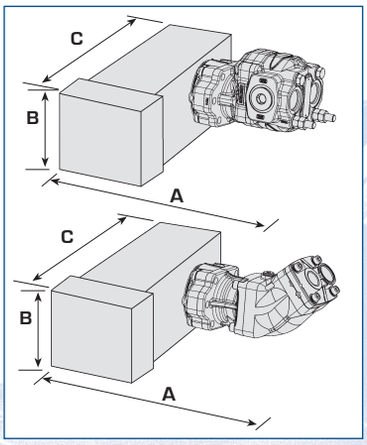
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.

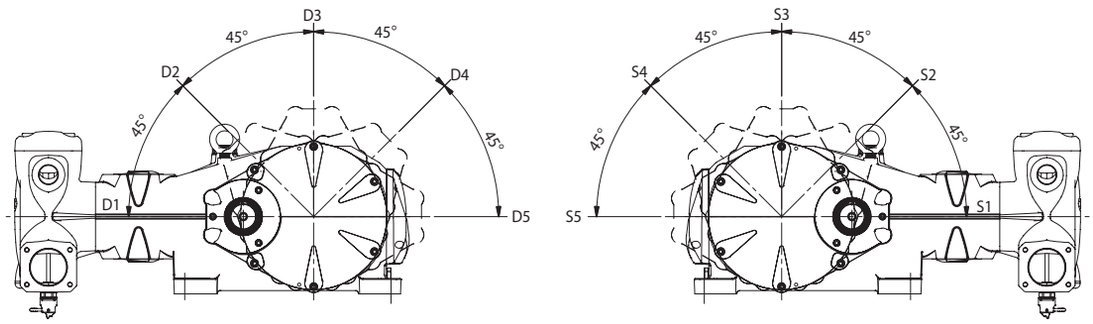


MOTOR OPTIONS

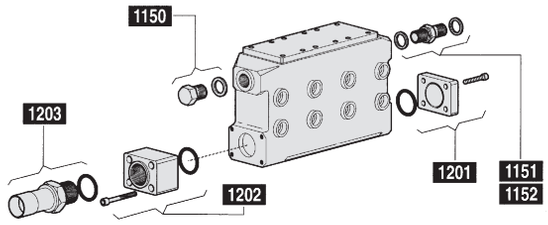
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	GEAR	OPTIMUM Y	184	230	23	3350	2500	MKSHY184	934x400x840	449
	PISTON	FOX	130	340	34	4950	2500	MKSHY130	942x400x840	425

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

POSIZIONAMENTO RIDUTTORE - GEARBOX POSITIONING

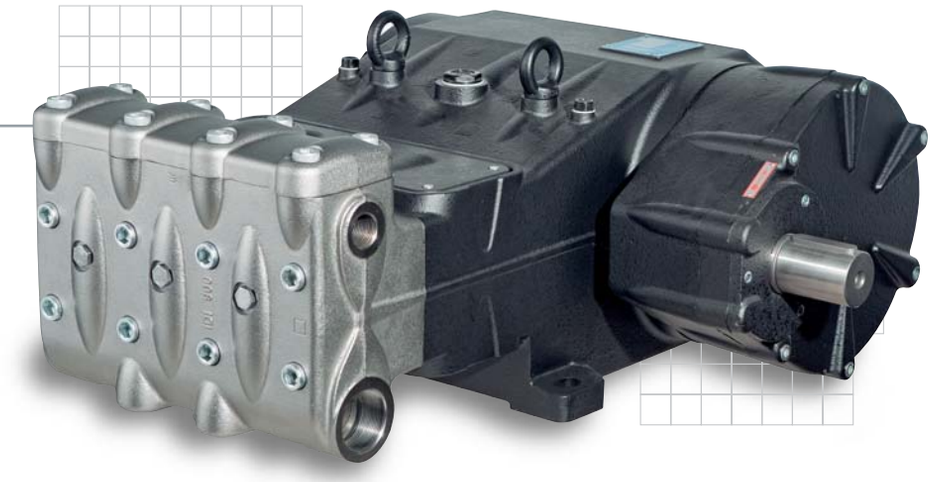


KIT DI CONNESSIONE - CONNECTION KIT



KIT 1150	OUTLET	G 1" 1/4
KIT 1151	OUTLET	G 1" 1/4 - G 1" 1/2
KIT 1152	OUTLET	G 1" 1/4 - G 1" 1/4
KIT 1201	INLET	-
KIT 1202	INLET	G 3"
KIT 1203	INLET	O.D. Ø 90 mm E

MKS HP series
180HP



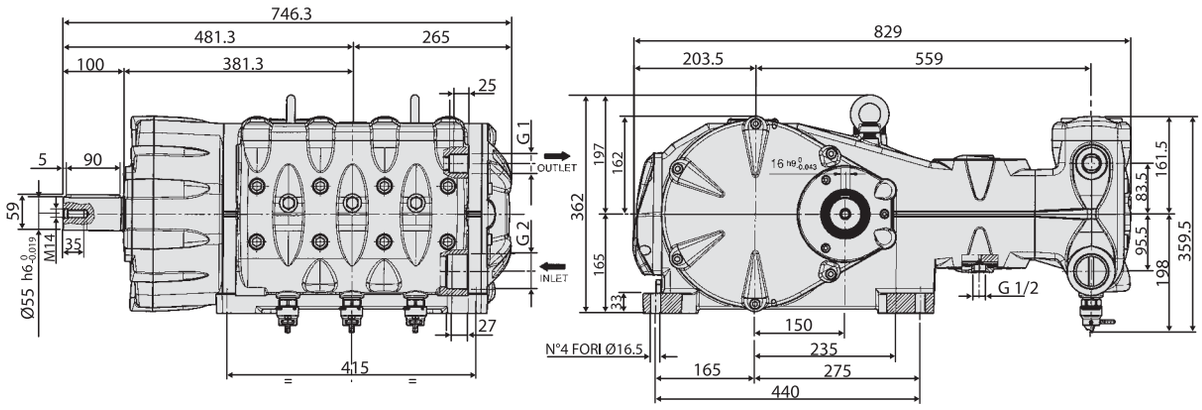
COSTRUZIONE
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CONSTRUCTION
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Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Riduttore Gearbox g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Coppia max. Torque max. 1500/1800/2200/2600 rpm Nm
MKS 40	183	48.4	400	40	5800	1500 / 1800 / 2200	190	140,0	393	887/746/601
MKS 45	232	61.3	300	30	4350	1500 / 1800 / 2200	181	133,0	393	842/708/571
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DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

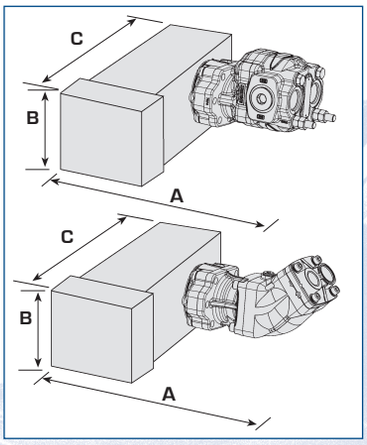
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

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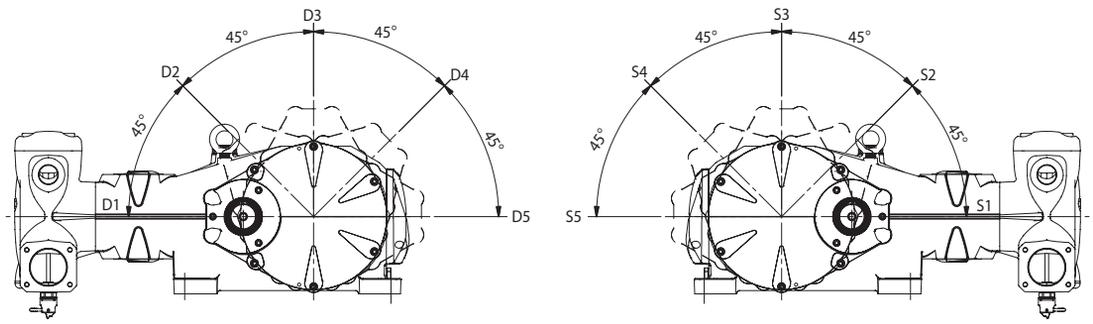


MOTOR OPTIONS

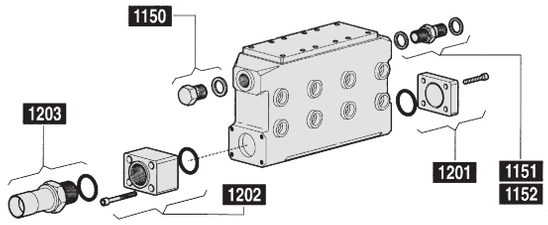
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Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

POSIZIONAMENTO RIDUTTORE - GEARBOX POSITIONING



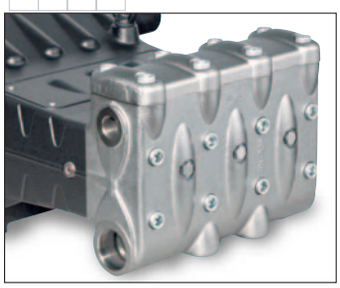
KIT DI CONNESSIONE - CONNECTION KIT



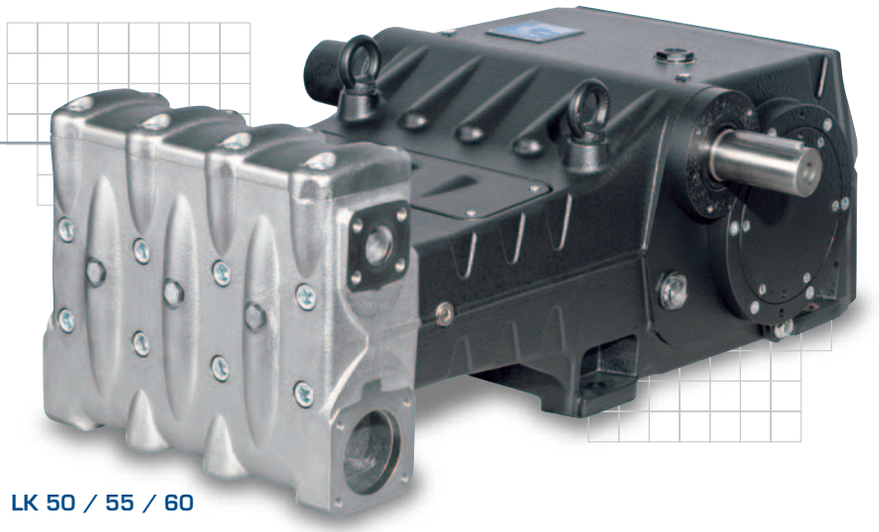
KIT 1150	OUTLET	G 1" 1/4
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KIT 1152	OUTLET	G 1" 1/4 - G 1" 1/4
KIT 1201	INLET	-
KIT 1202	INLET	G 3"
KIT 1203	INLET	O.D. Ø 90 mm E

LK series

180HP



LK 36 / 40 / 45



LK 50 / 55 / 60

COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri interno disponibile in 3 rapporti di riduzione
- Albero presa di moto doppia sporgenza
- Kit drenaggio valvole.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

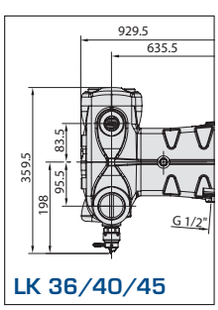
CONSTRUCTION
- *Triplex plunger pump, available in 6 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *Built-in gearbox available in 3 ratios*
- *Double PTO drive shaft*
- *Drain valve kit.*
- ***Flushing systems available on request on selected versions.***

Tipo pompa Pump type	Portata - Volume Con riduttore - With Gearbox 1500 r.p.m.		1750 r.p.m.		1900 r.p.m.		Pressione Pressure			Potenza Power		Peso Weight	Dimensioni Dimensions
	l/min	US Gpm	l/min	US Gpm	l/min	US Gpm	bar	MPa	p.s.i.	hp	kW	kg	mm
LK 36	140	37.0	152	40.2	154	40.7	400	40	5800	161	118	373	930x672x387
LK 40	173	45.7	188	49.7	190	50.2	350	35	5075	173	127	373	930x672x387
LK 45	218	57.6	238	62.9	241	63.7	280	28	4060	176	129	373	930x672x387
LK 50	269	71.1	294	77.7	297	78.5	230	23	3335	177	130	383	942x672x406
LK 55	326	86.1	355	93.8	360	95.1	190	19	2755	178	131	383	942x672x406
LK 60	388	102.5	423	111.8	428	113.1	160	16	2320	178	131	383	942x672x406

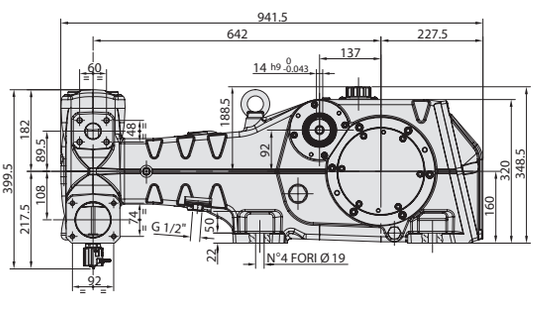
Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Disponibili versioni dedicate al pompaggio di glicole etilenico e trietilenico (EG e TEG). Applicazioni: disidratazione gas naturale, alimentazione B.O.P., test idrostatici.
Specialized version designed for ethylene and triethylene glycole (EG and TEG). Applications: gas dehydration, Blow Out Preventer charging, hydrostatic testing.

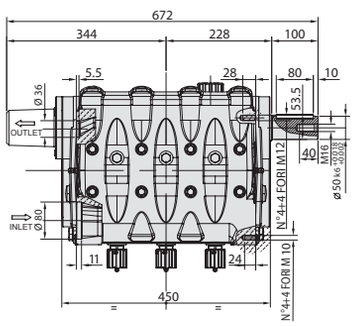
ATEX
ON REQUEST

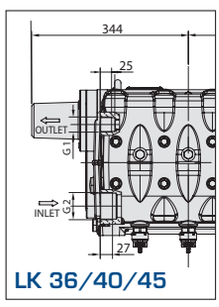
DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS* - LK 50/55/60



LK 36/40/45





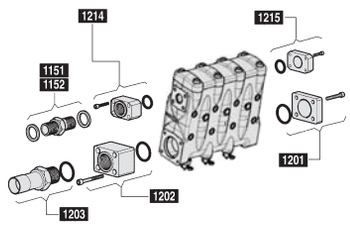


LK 36/40/45

Scheda tecnica, esplosi, manuali uso e manutenzione

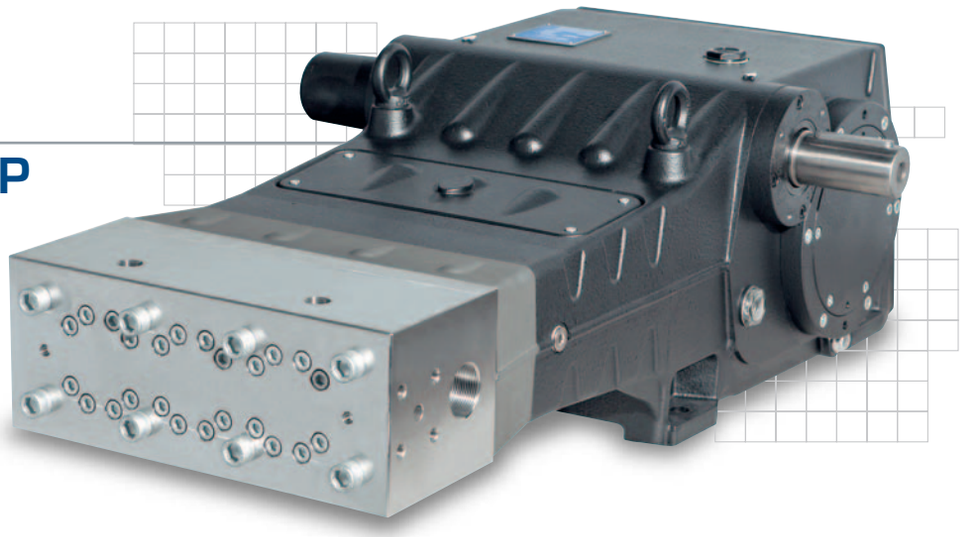
Data sheet, exploded view, repair & maintenance manuals

KIT DI CONNESSIONE - *CONNECTION KIT* - LK 50/55/60



KIT 1151	OUTLET	G 1" 1/4 - G 1" 1/2
KIT 1152	OUTLET	G 1" 1/4 - G 1" 1/4
KIT 1201	INLET	-
KIT 1202	INLET	G 3"
KIT 1203	INLET	O.D. Ø 90 mm E
KIT 1214	OUTLET	G 1" 1/4
KIT 1215	OUTLET	-

SK series
180HP



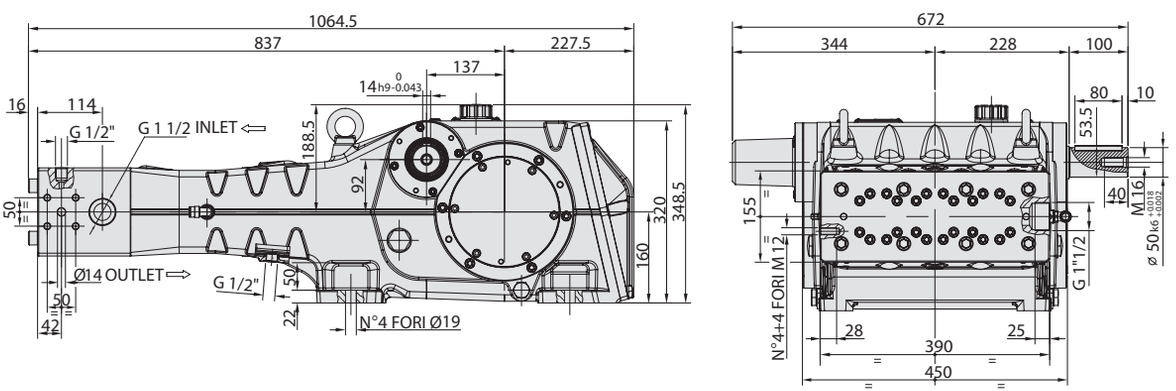
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Doppia guarnizione pressione.
- Sistema di raffreddamento pistoni e guarnizioni di pressione.
- Valvole aspirazione mandata coassiali.
- Lubrificazione a sbattimento.
- Riduttore di giri interno disponibile in 2 rapporti .
- Albero presa di moto doppia sporgenza.

CONSTRUCTION
- *Triplex plunger pump, available in 6 versions.*
- *Double pressure packings*
- *Pressure packing integrated cooling system.*
- *Coaxian suction / delivery valves.*
- *Splash lubrication.*
- *Built-in gearbox available in 2 ratios.*
- *Double PTO drive shaft.*

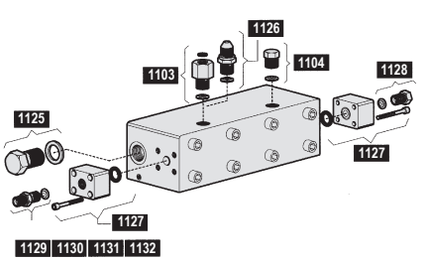
Tipo pompa Pump type	Portata - Volume				Pressione Pressure			Potenza Power				Peso Weight	Dimensioni Dimensions
	1500 r.p.m.		1750 r.p.m.					1500 r.p.m.		1750 r.p.m.			
	l/min	US Gpm	l/min	US Gpm	bar	MPa	p.s.i.	hp	kW	hp	kW	kg	mm
SK 20	43	11.4	44	11.6	1500	150	21750	168	123	171	126	388	1065x672x349
SK 22	52	13.7	53	14.0	1300	130	18850	176	129	179	132	388	1065x672x349
SK 24	62	16.4	63	16.6	1100	110	15950	177	130	180	132	388	1065x672x349
SK 26	73	19.3	74	19.6	900	90	13050	171	126	173	127	388	1065x672x349
SK 28	84	22.3	86	22.7	800	80	11600	175	128	179	132	388	1065x672x349
SK 30	96	25.4	98	25.9	700	70	10150	175	128	178	131	388	1065x672x349

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



KIT DI CONNESSIONE - *CONNECTION KIT*



KIT 1103	OUTLET	G 1/2" HP - G 1/2"
KIT 1104	OUTLET	G 1/2" HP
KIT 1125	INLET	G 1"1/2
KIT 1126	OUTLET	G 1/2" HP - 5/8"UNF
KIT 1127	OUTLET	G 3/4" HP
KIT 1128	OUTLET	G 3/4" HP
KIT 1129	OUTLET	G 3/4" HP - G 3/8"
KIT 1130	OUTLET	G 3/4" HP - M20x1,5
KIT 1131	OUTLET	G 3/4" HP - M22x1,5
KIT 1132	OUTLET	G 3/4" HP - M24x1,5

Scheda tecnica, esplosi, manuali uso e manutenzione

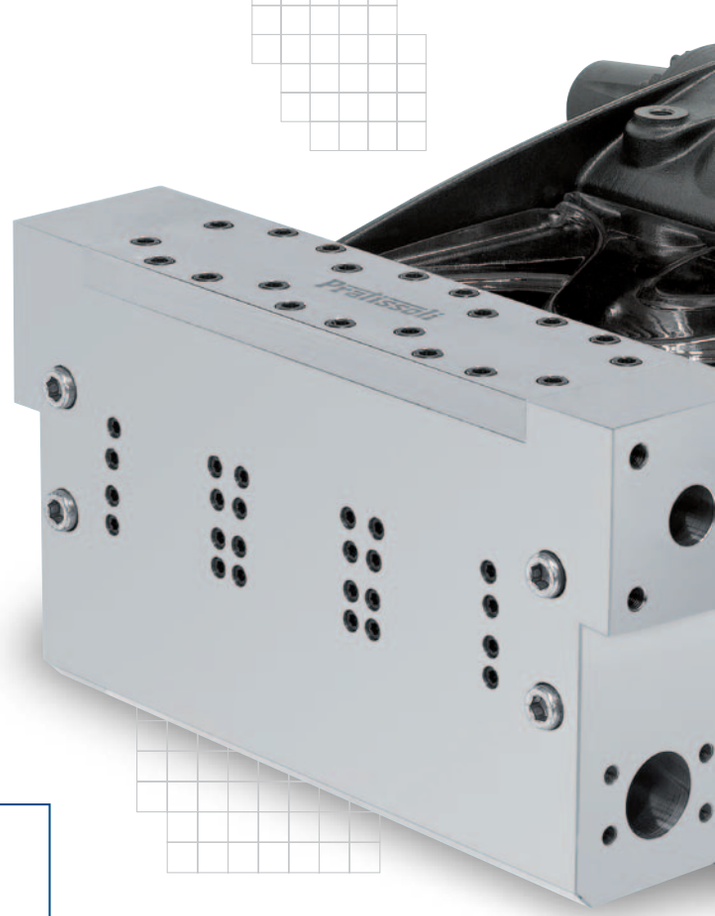
Data sheet, exploded view, repair & maintenance manuals

SRLP series
300HP

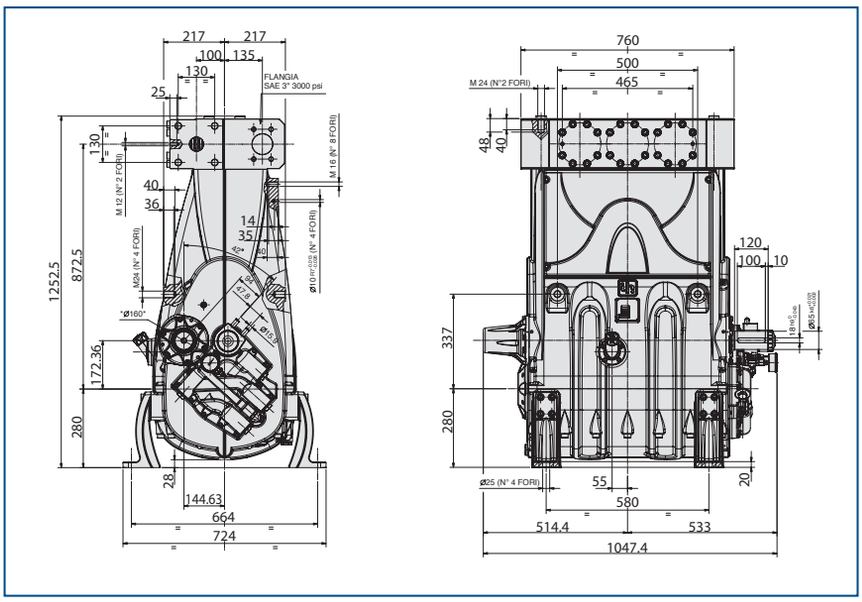
COSTRUZIONE
- Pompa a 3 pistoni tuffanti, disponibile in 3 cilindrate.
- Allestimento orizzontale o verticale.
- Albero presa moto doppia sporgenza.
- Riduttore di giri incorporato.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione e mandata a piattello guidato.
- Lubrificazione forzata mediante pompa olio completa di manometro, pressostato minima, intercooler acqua/olio, filtro.

CONSTRUCTION
- *Triplex plunger pump, available in 3 different displacements.*
- *Vertical or horizontal configuration.*
- *Double p.t.o. drive shaft.*
- *Incorporated gear box.*
- *Low-high pressure packing design with integrated cooling system.*
- *Guided suction and delivery disc-style valves.*
- *Forced lubrication by incorporated oil pump, complete with pressure gauge, pressure switch, oil/water intercooler, oil filter.*



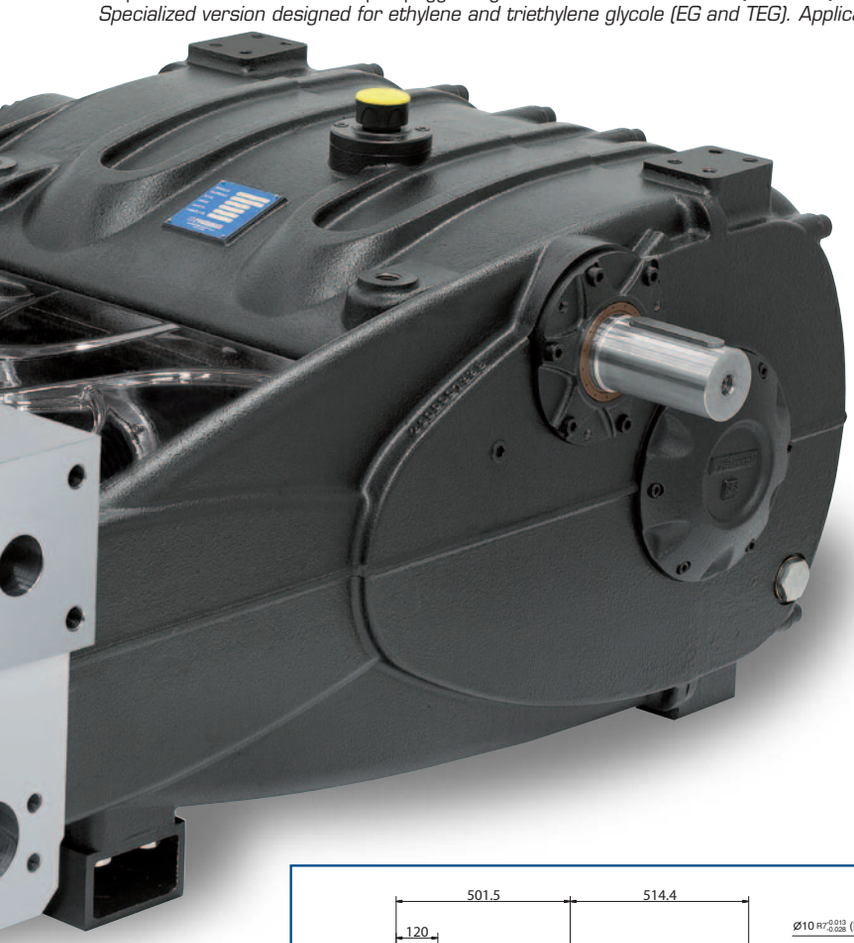


DIMENSIONI D'INGOMBRO ALLESTIMENTO VERTICALE
OVERALL DIMENSIONS VERTICAL CONFIGURATION



Tipo pompa Pump type	Portata Volume l/min	 US Gpm	Pressione Pressure bar	 MPa	 p.s.i.	Con riduttore With gearbox g/min r.p.m.	Potenza Power hp	 kW	Peso Weight kg	Dimensioni Dimensions mm
SR 50	276	73	400	40	5800	1500 / 1800 / 2200	287	211	1105	1225x1048x637
SR 55	333	88	350	35	5075	1500 / 1800 / 2200	303	223	1105	1225x1048x637
SR 60	397	105	300	30	4350	1500 / 1800 / 2200	309	227	1105	1225x1048x637
SR 65	465	123	250	25	3625	1500 / 1800 / 2200	302	222	1105	1225x1048x637
SR 70	540	143	220	22	3190	1500 / 1800 / 2200	309	227	1105	1225x1048x637
SR 75	620	164	200	20	2900	1500 / 1800 / 2200	322	237	1105	1225x1048x637

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Disponibili versioni dedicate al pompaggio di glicole etilenico e trietilenico (EG e TEG). Applicazioni: disidratazione gas naturale, alimentazione B.O.P., test idrostatici
Specialized version designed for ethylene and triethylene glycole (EG and TEG). Applications: gas dehydration, Blow Out Preventer charging, hydrostatic testing

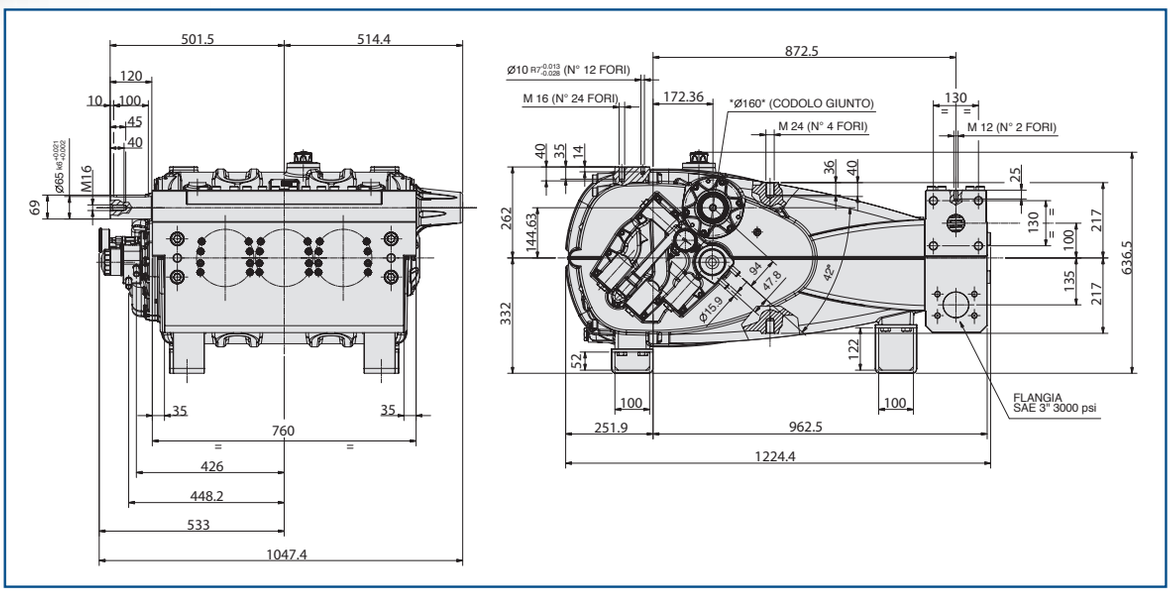


Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

ATEX ON REQUEST

DIMENSIONI D'INGOMBRO ALLESTIMENTO ORIZZONTALE
OVERALL DIMENSIONS HORIZONTAL CONFIGURATION



SR HP series
300HP

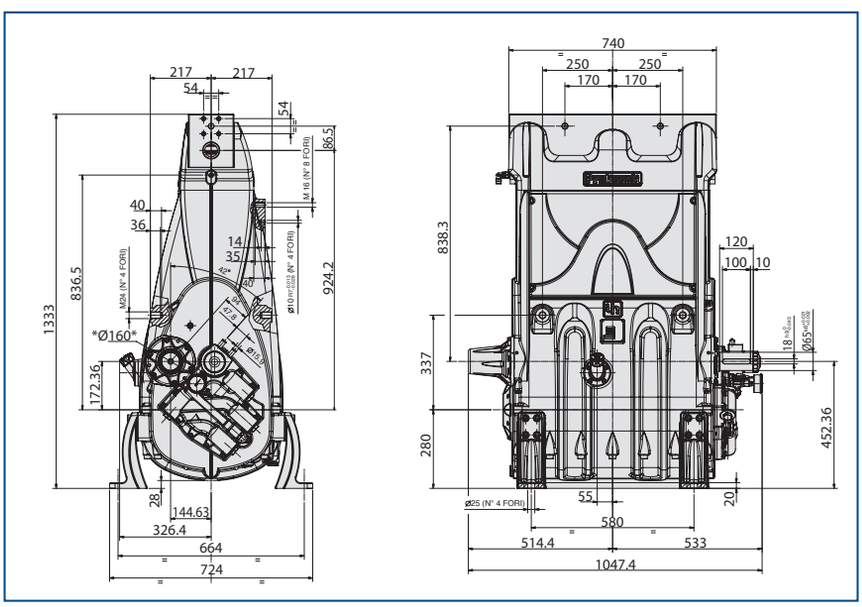
COSTRUZIONE
- Pompa a 3 pistoni tuffanti, disponibile in 4 cilindrate.
- Allestimento orizzontale o verticale.
- Albero presa moto doppia sporgenza.
- Riduttore di giri incorporato.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione e mandata coassiali.
- Lubrificazione forzata mediante pompa olio completa di manometro, pressostato minima, intercooler acqua/olio, filtro.

CONSTRUCTION
- *Triplex plunger pump, available in 4 different displacements.*
- *Vertical or horizontal configuration.*
- *Double p.t.o. drive shaft.*
- *Incorporated gear box.*
- *Low-high pressure packing design with integrated cooling system.*
- *Coaxial suction and delivery valves.*
- *Forced lubrication by incorporated oil pump, complete with pressure gauge, pressure switch, oil/water intercooler, oil filter.*





DIMENSIONI D'INGOMBRO ALLESTIMENTO VERTICALE
OVERALL DIMENSIONS VERTICAL CONFIGURATION



Tipo pompa Pump type	Portata Volume l/min	 US Gpm	Pressione Pressure bar	 MPa	 p.s.i.	Con riduttore With gearbox g/min r.p.m.	Potenza Power hp	 kW	Peso Weight kg	Dimensioni Dimensions mm
SR 26	75	19,9	1500	150	21750	1500 / 1800 / 2200	290	213	1028	1305x1048x637
SR 30	99	26,5	1200	120	17400	1500 / 1800 / 2200	309	227	1028	1305x1048x637
SR 32	113	29,8	1000	100	14500	1500 / 1800 / 2200	293	215	1028	1305x1048x637
SR 36	143	37,8	800	80	11600	1500 / 1800 / 2200	297	218	1028	1305x1048x637

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

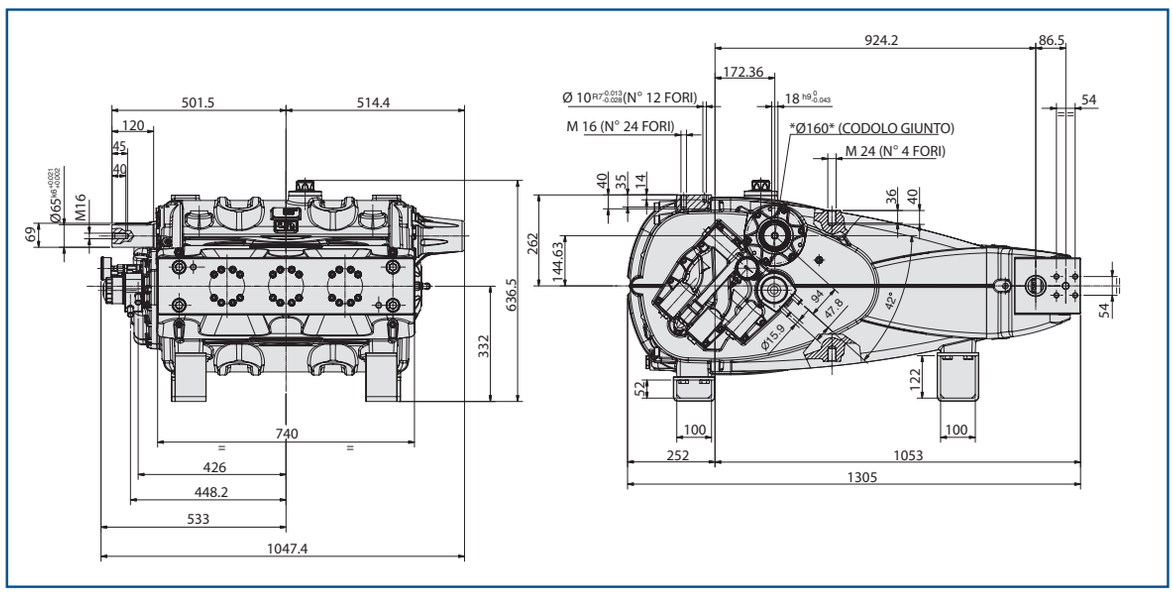


Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

ATEX ON REQUEST

DIMENSIONI D'INGOMBRO ALLESTIMENTO ORIZZONTALE
OVERALL DIMENSIONS HORIZONTAL CONFIGURATION

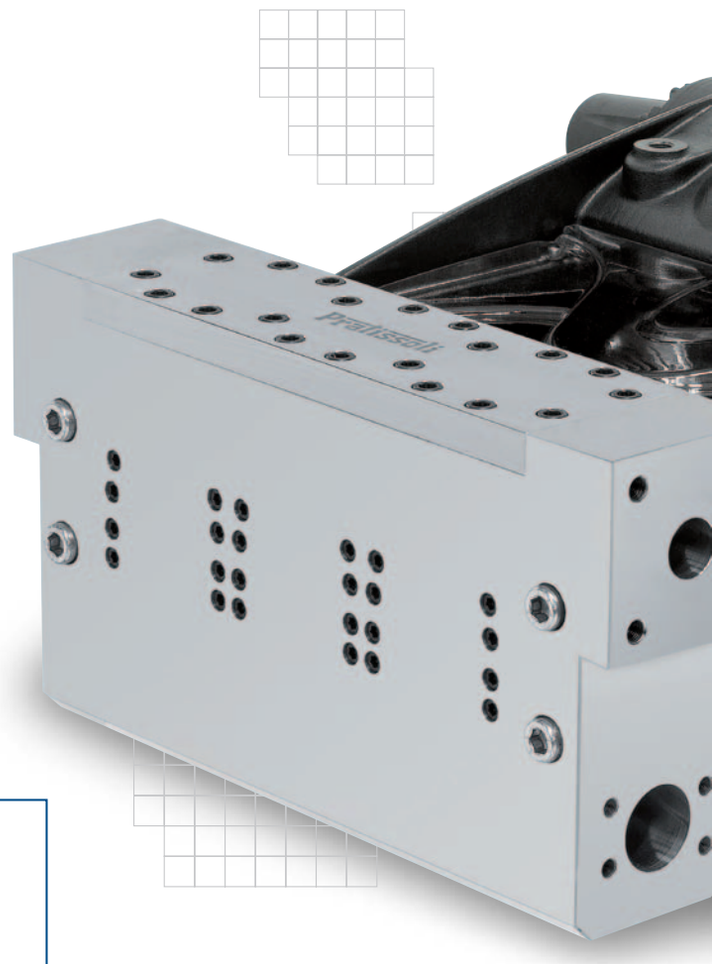


TRLP series
450HP

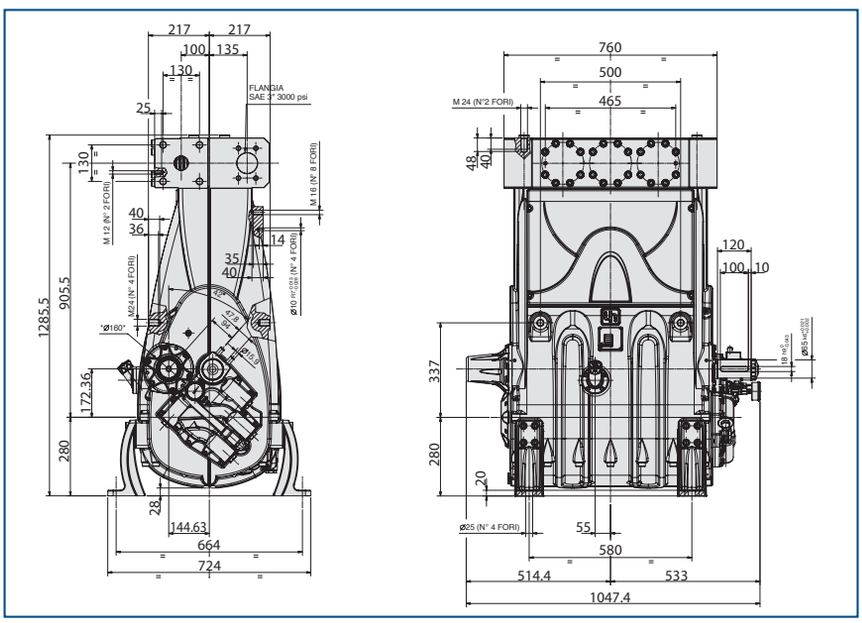
COSTRUZIONE
- Pompa a 3 pistoni tuffanti, disponibile in 4 cilindrate.
- Allestimento orizzontale o verticale.
- Albero presa moto doppia sporgenza.
- Riduttore di giri incorporato.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione e mandata a piattello guidato.
- Lubrificazione forzata mediante pompa olio completa di manometro, pressostato minima, intercooler acqua/olio, filtro.

CONSTRUCTION
- *Triplex plunger pump, available in 4 different displacements.*
- *Vertical or horizontal configuration.*
- *Double p.t.o. drive shaft.*
- *Incorporated gear box.*
- *Low-high pressure packing design with integrated cooling system.*
- *Guided suction and delivery disc-style valves.*
- *Forced lubrication by incorporated oil pump, complete with pressure gauge, pressure switch, oil/water intercooler, oil filter.*





DIMENSIONI D'INGOMBRO ALLESTIMENTO VERTICALE
OVERALL DIMENSIONS VERTICAL CONFIGURATION



Tipo pompa Pump type	Portata Volume l/min	 US Gpm	Pressione Pressure bar	 MPa	 p.s.i.	Con riduttore With gearbox g/min r.p.m.	Potenza Power hp	 kW	Peso Weight kg	Dimensioni Dimensions mm
TR 50	398	105	400	40	5800	1500 / 1800 / 2200	414	304	1130	1258x1048x637
TR 55	482	127	350	35	5075	1500 / 1800 / 2200	438	322	1130	1258x1048x637
TR 60	573	151	300	30	4350	1500 / 1800 / 2200	446	328	1130	1258x1048x637
TR 65	673	178	250	25	3625	1500 / 1800 / 2200	437	321	1130	1258x1048x637
TR 70	781	206	220	22	3190	1500 / 1800 / 2200	446	328	1130	1258x1048x637
TR 75	896	237	200	20	2900	1500 / 1800 / 2200	465	342	1130	1258x1048x637

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Disponibili versioni dedicate al pompaggio di glicole etilenico e trietilenico (EG e TEG). Applicazioni: disidratazione gas naturale, alimentazione B.O.P., test idrostatici
Specialized version designed for ethylene and triethylene glycole (EG and TEG). Applications: gas dehydration, Blow Out Preventer charging, hydrostatic testing

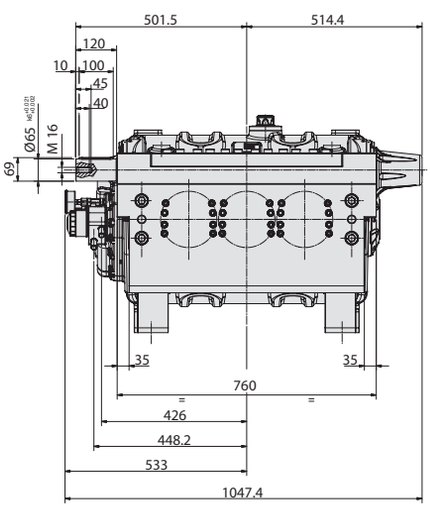


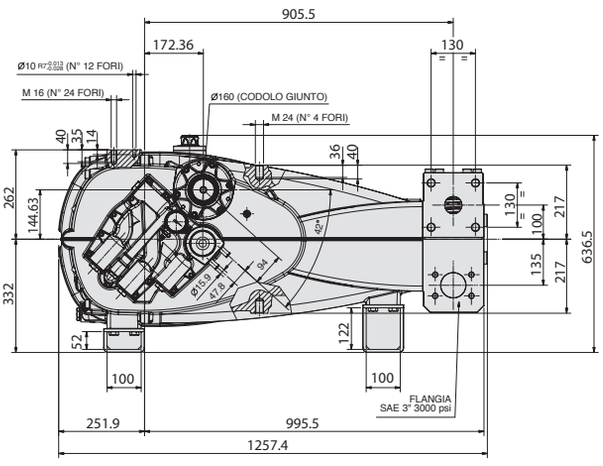
Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

ATEX ON REQUEST

DIMENSIONI D'INGOMBRO ALLESTIMENTO ORIZZONTALE
OVERALL DIMENSIONS HORIZONTAL CONFIGURATION





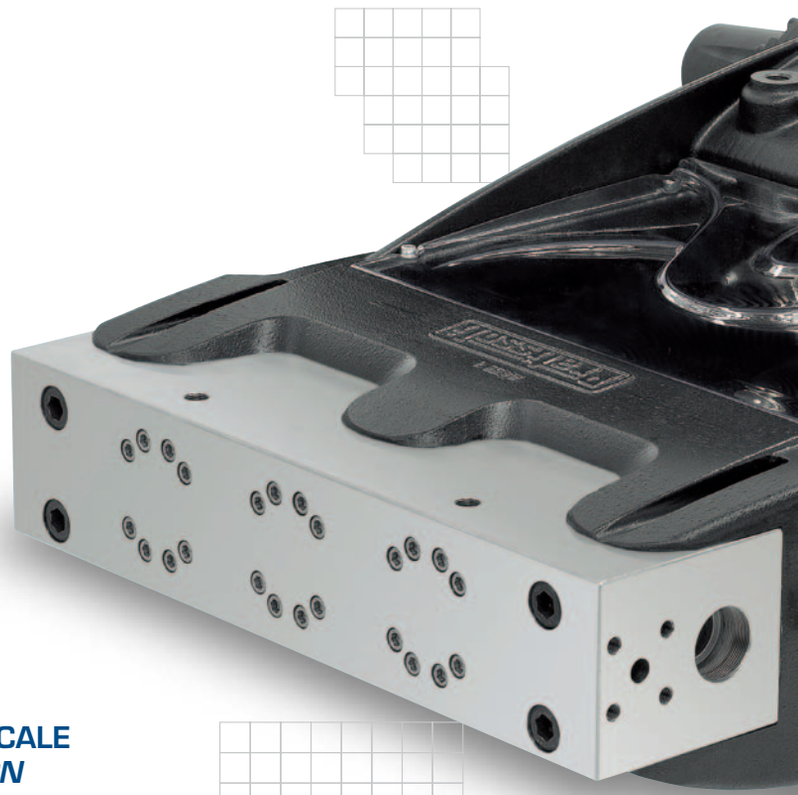
TR HP series

450HP

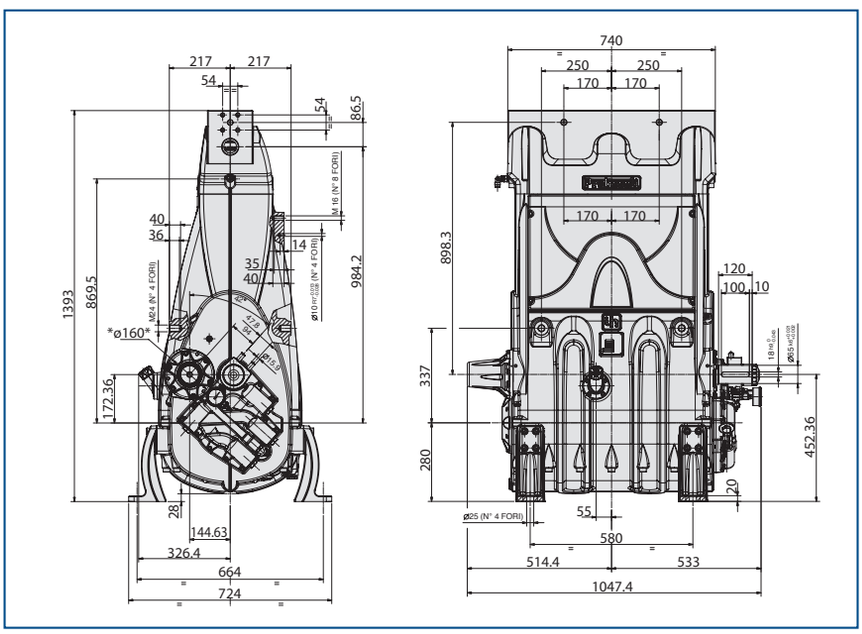
COSTRUZIONE
- Pompa a 3 pistoni tuffanti, disponibile in 3 cilindrate.
- Allestimento orizzontale o verticale.
- Albero presa moto doppia sporgenza.
- Riduttore di giri incorporato.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione e mandata coassiali.
- Lubrificazione forzata mediante pompa olio completa di manometro, pressostato minima, intercooler acqua/olio, filtro.

CONSTRUCTION
- *Triplex plunger pump, available in 3 different displacements.*
- *Vertical or horizontal configuration.*
- *Double p.t.o. drive shaft.*
- *Incorporated gear box.*
- *Low-high pressure packing design with integrated cooling system.*
- *Coaxial suction and delivery valves.*
- *Forced lubrication by incorporated oil pump, complete with pressure gauge, pressure switch, oil/water intercooler, oil filter.*





DIMENSIONI D'INGOMBRO ALLESTIMENTO VERTICALE
OVERALL DIMENSIONS VERTICAL CONFIGURATION



Tipo pompa Pump type	Portata Volume		Pressione Pressure			Con riduttore With gearbox g/min r.p.m.	Potenza Power		Peso Weight	Dimensioni Dimensions
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW	kg	mm
TR 26	108	28,5	1500	150	21750	1500 / 1800 / 2200	419	308	1053	1365x1048x637
TR 30	143	37,8	1200	120	17400	1500 / 1800 / 2200	447	328	1053	1365x1048x637
TR 32	163	43,0	1000	100	14500	1500 / 1800 / 2200	423	311	1053	1365x1048x637
TR 36	206	54,4	800	80	11600	1500 / 1800 / 2200	428	315	1053	1365x1048x637

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

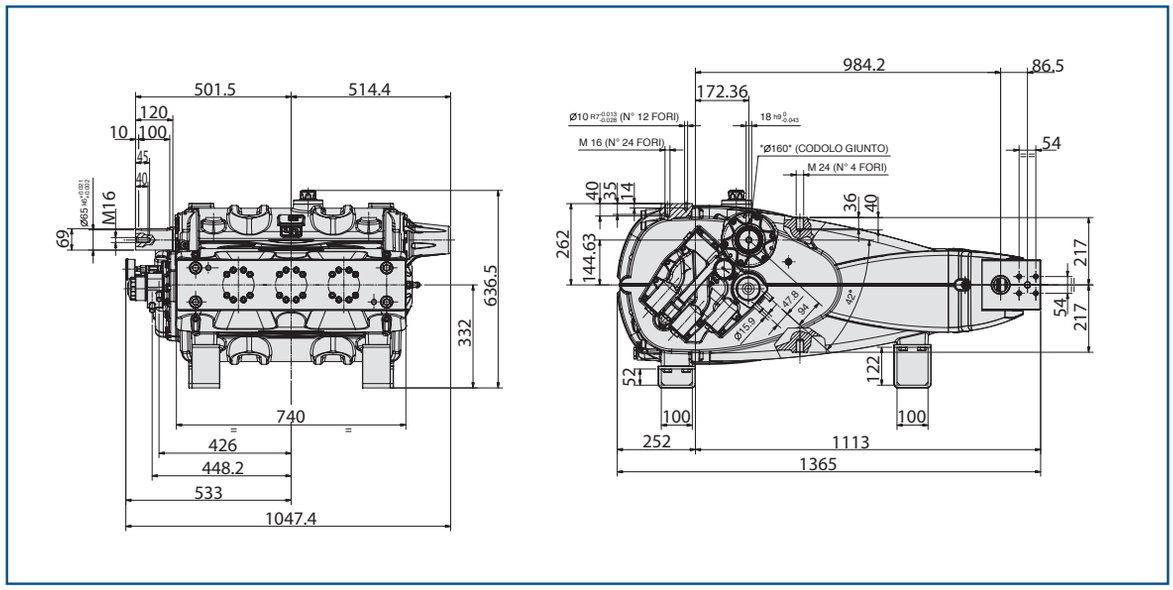


Scheda tecnica, esplosi,
manuali uso e manutenzione

Data sheet, exploded view,
repair & maintenance manuals

ATEX
ON REQUEST

DIMENSIONI D'INGOMBRO
ALLESTIMENTO ORIZZONTALE
OVERALL DIMENSIONS
HORIZONTAL CONFIGURATION



Piston Pump series

M LINE

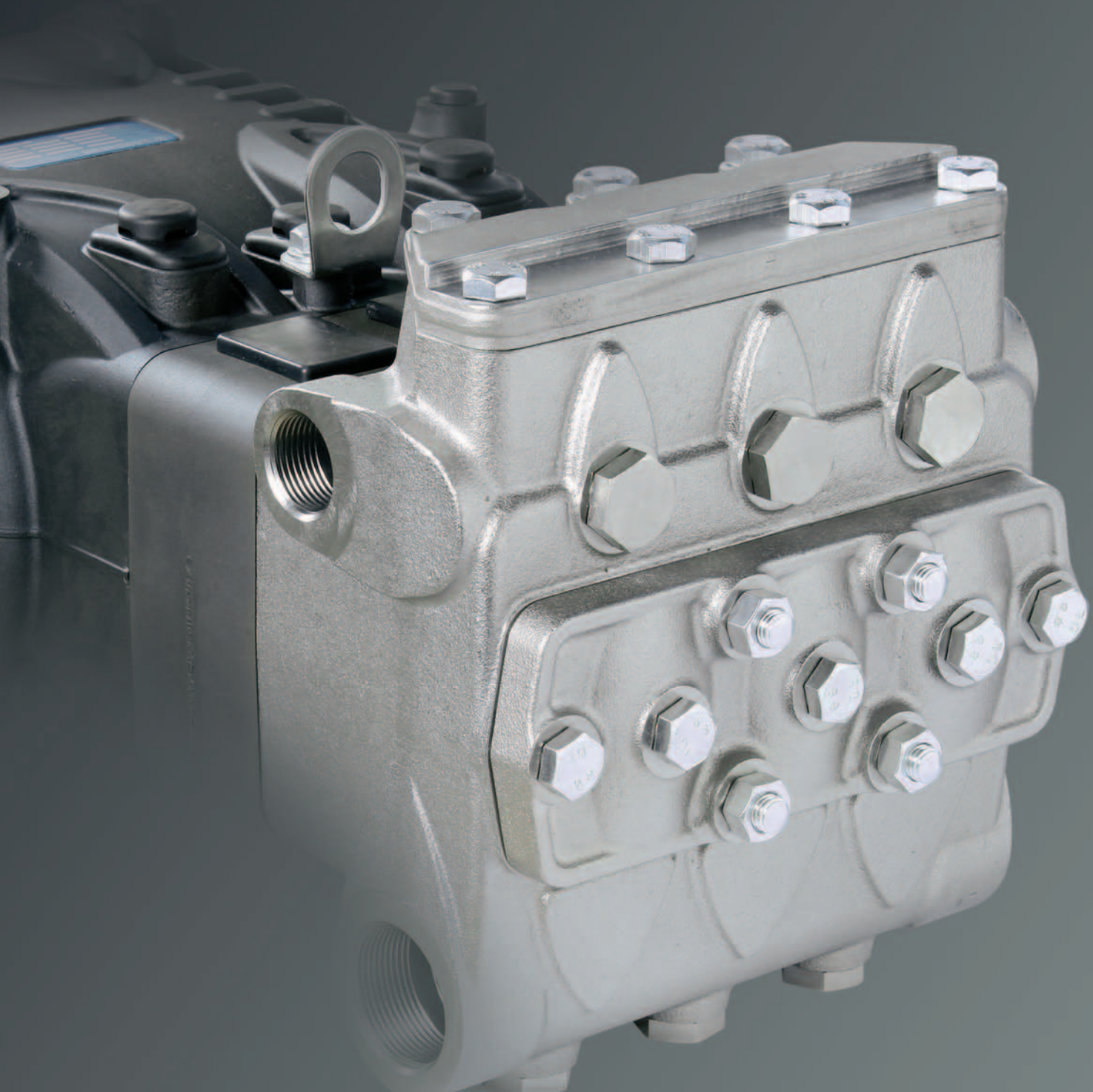
Una nuova gamma di **pompe volumetriche alternative a pistoni orizzontali**, realizzate per iniezioni di fanghi da perforazione e cementizi, impasti, miscele semi-liquide nell'industria mineraria, edile, chimica e petrolchimica.
Grazie ad un lungo ed intenso programma di sviluppo questa nuova gamma garantisce una notevole resistenza all'abrasione, grande facilità e rapidità di manutenzione e notevoli capacità autoadescanti.

*Pratissoli proudly celebrate the birth of a new line of **positive displacement triplex piston pumps** designed to handle drilling fluids, muds, slurries, dense mixture for a variety of applications in the mining, chemical, oil & gas industries.*
This new pump line combines years of field testing with the latest in technological advances, proving outstanding abrasion resistance, easy maintenance and self-priming capabilities.



INTERPUMP GROUP

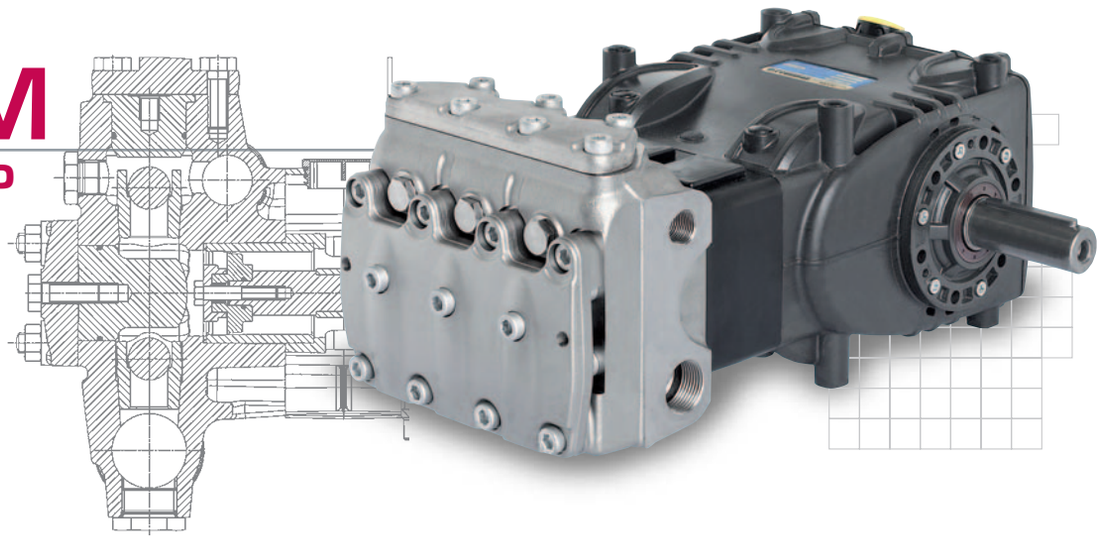
Pratissoli



KT45M

5HP

Piston Pump



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.
SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

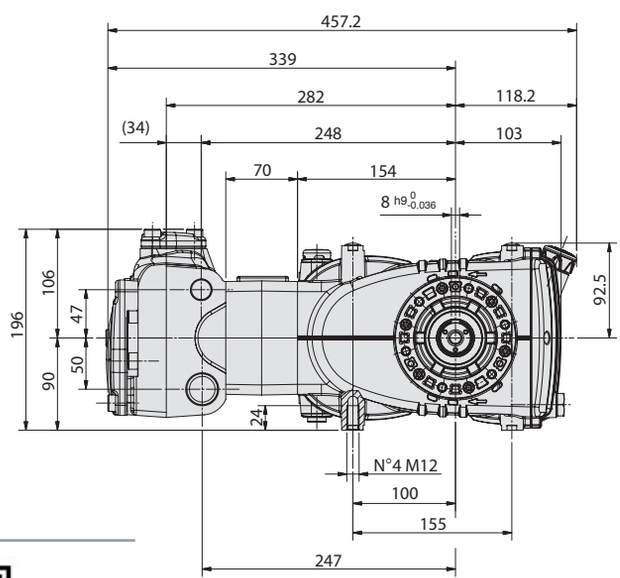
COSTRUZIONE
- Pompa volumetrica alternativa a 3 pistoni orizzontali, realizzata per iniezioni di fanghi da perforazione e cementizi, impasti, miscele liquide e semi liquide nell'industria mineraria, edile, chimica e petrolchimica.
- Pistoni di tenuta in NBR energizzati kevlar.
- Valvole a sfera autopulenti.
- Lubrificazione a sbattimento.

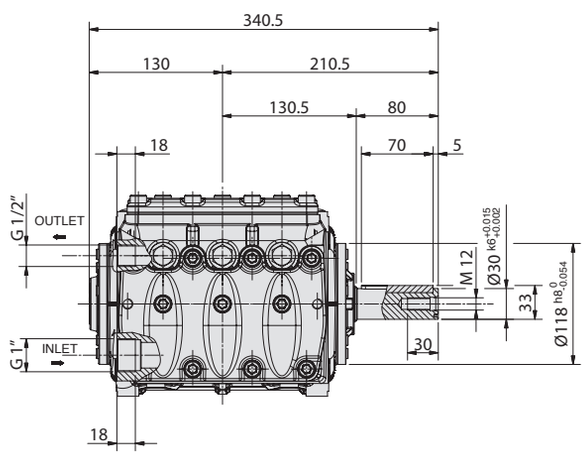
CONSTRUCTION
- *Positive displacement reciprocating triplex piston pump, designed to handle drilling fluids, muds, slurries for a variety of applications in the mining, chemical, oil & gas industries.*
- *Piston made of abrasion resistant NBR, kevlar energized.*
- *Self cleaning ball valves.*
- *Splash lubrication.*

Tipo pompa Pump type	Valvole Valves	Cilindri Sleeves	g/min r.p.m.	Portata Flow rate		Pressione Pressure		Potenza Power		Peso Weight	Coppia max. Torque max.
				l/min	US Gpm	bar	p.s.i.	hp	kW	kg	Nm
KT45M	Sfera / Ball	Ceramic	280	35	9.3	50	750	4,5	3,3	42	113

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*





Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

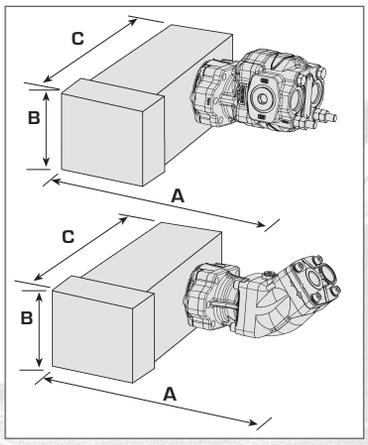


shown with orbital motor

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



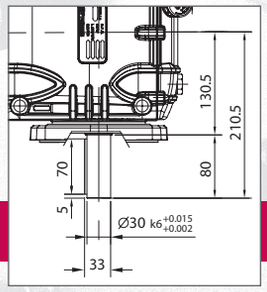
MOTOR OPTIONS

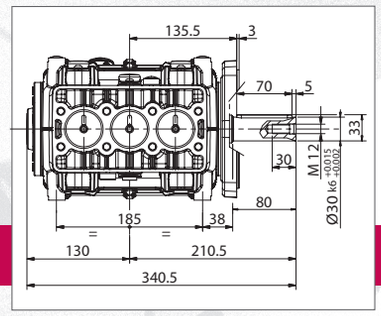
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	ORBITAL	350	100	200	20	2900	280	KT4HY100	540x212x471	53
	PISTON	FOX	64	340	34	4950	280	KTHYP64	540x212x471	56

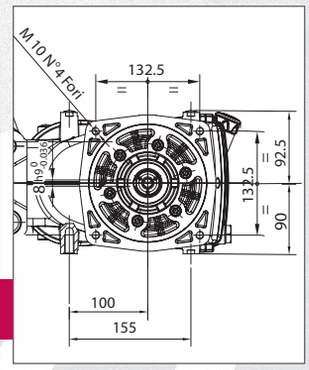
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



Flangia supporto per azionamenti diretti
Flange for direct drive mount

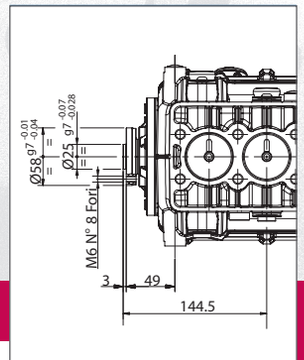


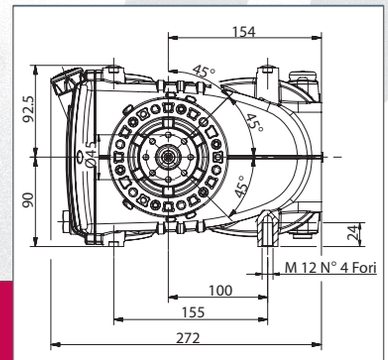


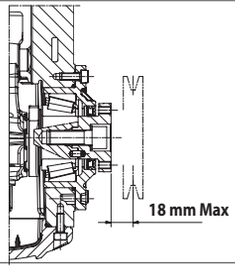




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side







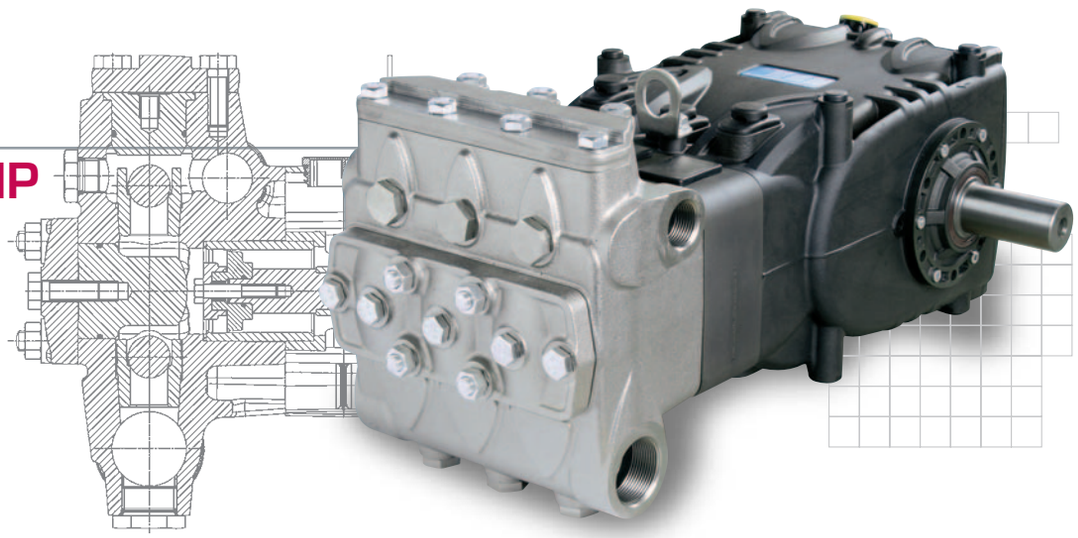
La coppia max è prelevabile anche con pompa a pieno carico (25 hp sulla presa primaria).
Max. torque is available also with pump at full load (25 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	20	2,3 4,1	800 1450
Giunto diretto - *Flex joint direct*	40	4,6 8,2	800 1450

KF5M

25HP

Piston Pump



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.
SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

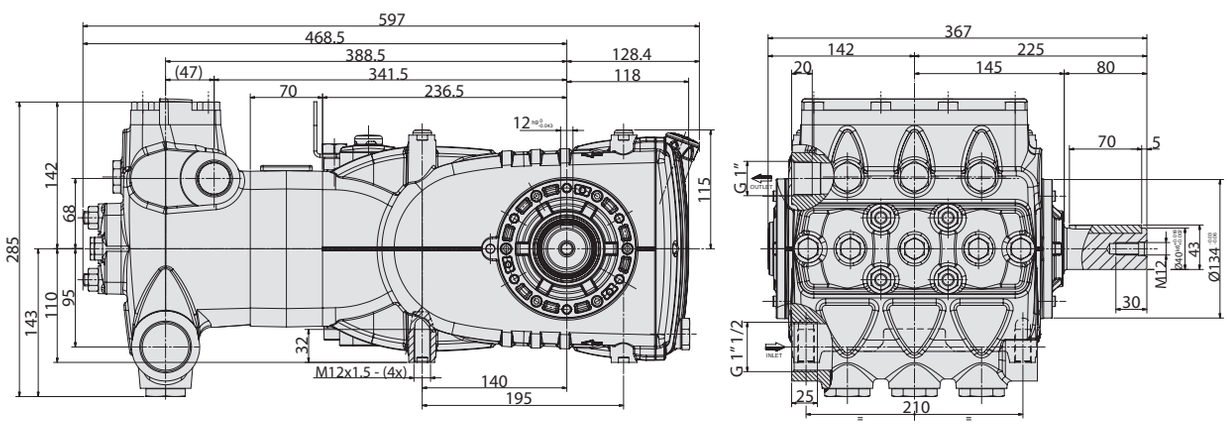
COSTRUZIONE
- Pompa volumetrica alternativa a 3 pistoni orizzontali, realizzata per iniezioni di fanghi da perforazione e cementizi, impasti, miscele liquide e semi liquide nell'industria mineraria, edile, chimica e petrolchimica.
- Pistoni di tenuta in NBR energizzati kevlar.
- Valvole a sfera autopulenti.
- Lubrificazione a sbattimento.

CONSTRUCTION
- *Positive displacement reciprocating triplex piston pump, designed to handle drilling fluids, muds, slurries for a variety of applications in the mining, chemical, oil & gas industries.*
- *Piston made of abrasion resistant NBR, kevlar energized.*
- *Self cleaning ball valves.*
- *Splash lubrication.*

Tipo pompa Pump type	Valvole Valves	Cilindri Sleeves	g/min r.p.m.	Portata Flow rate		Pressione Pressure		Potenza Power		Peso Weight	Coppia max. Torque max.
				l/min	US Gpm	bar	p.s.i.	hp	kW	kg	Nm
KF5M 5B	Sfera / Ball	Ceramic	370	109	28.8	50	750	14,2	10,4	69	268
KF5M 9B	Sfera / Ball	Acciaio/Steel	370	109	28.8	90	1300	25,5	18,7	69	483

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



Scheda tecnica, esplosi, manuali uso e manutenzione

Data sheet, exploded view, repair & maintenance manuals

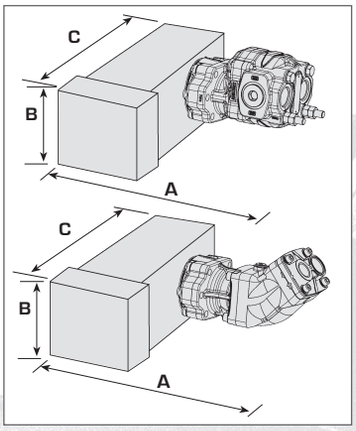


shown with orbital motor

HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



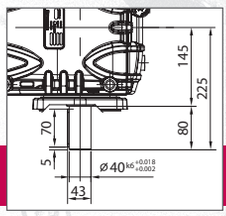
MOTOR OPTIONS

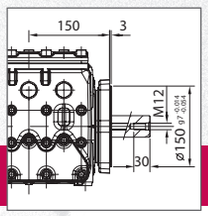
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	ORBITAL	506	125 200	207 207	20 20	3000 3000	370 370	KF5HY125 KF5HY125	571X285X597 571X285X597	83 83
	PISTON	FOX	84	340	34	4950	540	KF5HY200	571X285X597	83

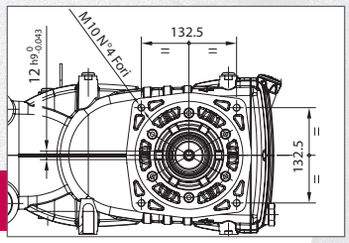
Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

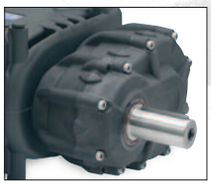


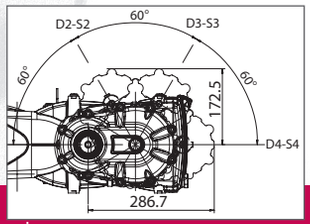
Flangia supporto per azionamenti diretti
Flange for direct drive mount

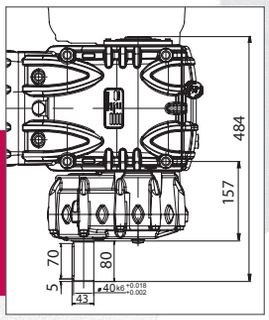








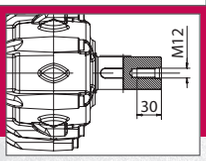




Riduttore / *Gearbox*

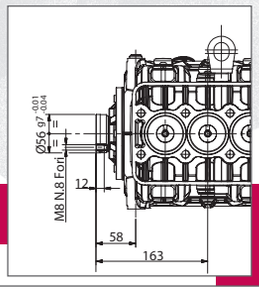
Le pompe KF sono disponibili su richiesta con riduttore di giri laterale. Il riduttore è disponibile in 3 rapporti ed installabile a dx o sx della pompa in 4 differenti angoli. Rapporti di riduzione: R=1,25:1 - R=1,50:1 - R=1,83:1

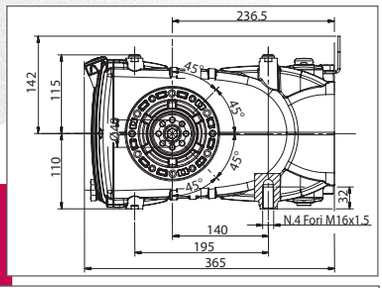
KF pumps can be supplied with a optional gearbox available in 3 different ratios. The gearbox can be mounted on the left or right side of the pump in 4 different angles, at customer choice. Gearbox ratios:R=1,25:1 - R=1,50:1 - R=1,83:1

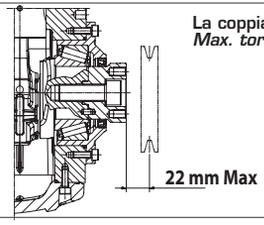




Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side







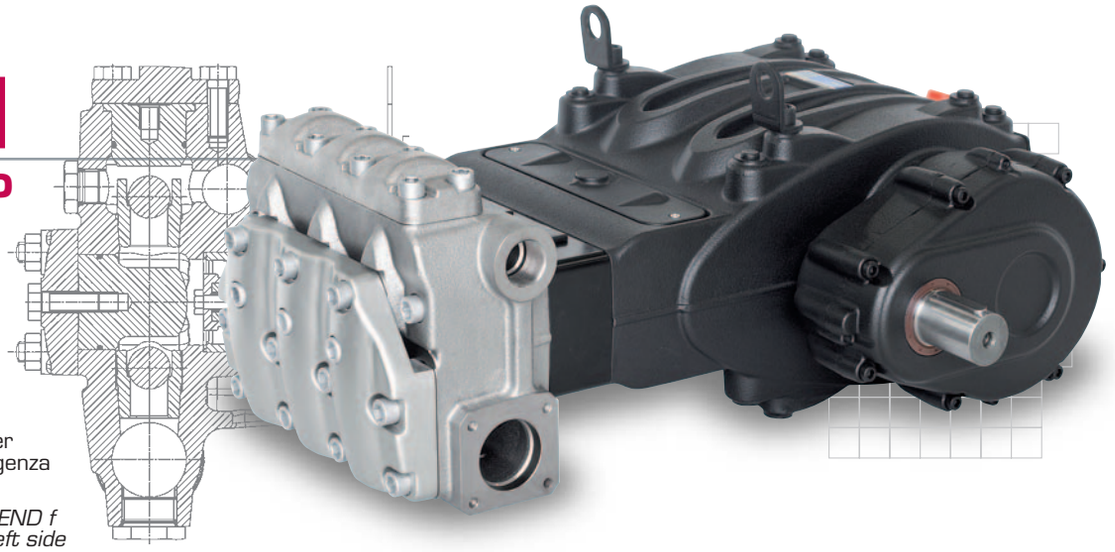
La coppia max è prelevabile anche con pompa a pieno carico (50 hp sulla presa primaria).
Max. torque is available also with pump at full load (50 hp at the primary shaft).

	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	65	7,0 7,4 8,3 9,3	750 800 900 1000
Giunto diretto - *Flex joint direct*	130	14,0 14,8 16,6 18,6	750 800 900 1000

MF7M

50HP

Piston Pump



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.

SYMMETRICAL POWER END f or easy and quick right left side shaft conversion.

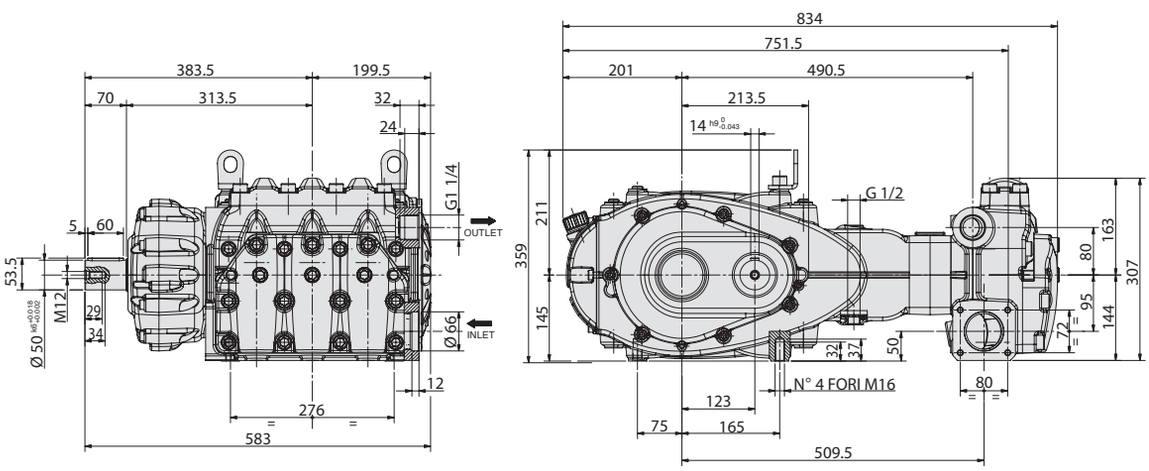
COSTRUZIONE
- Pompa volumetrica alternativa a 3 pistoni orizzontali, realizzata per iniezioni di fanghi da perforazione e cementizi, impasti, miscele liquide e semi liquide nell'industria mineraria, edile, chimica e petrolchimica.
- Pistoni di tenuta in NBR energizzati kevlar.
- Valvole a sfera o piattello autopulenti.
- Lubrificazione a sbattimento.

CONSTRUCTION
- *Positive displacement reciprocating triplex piston pump, designed to handle drilling fluids, muds, slurries for a variety of applications in the mining, chemical, oil & gas industries.*
- *Piston made of abrasion resistant NBR, kevlar energized.*
- *Self cleaning ball or disc valves.*
- *Splash lubrication.*

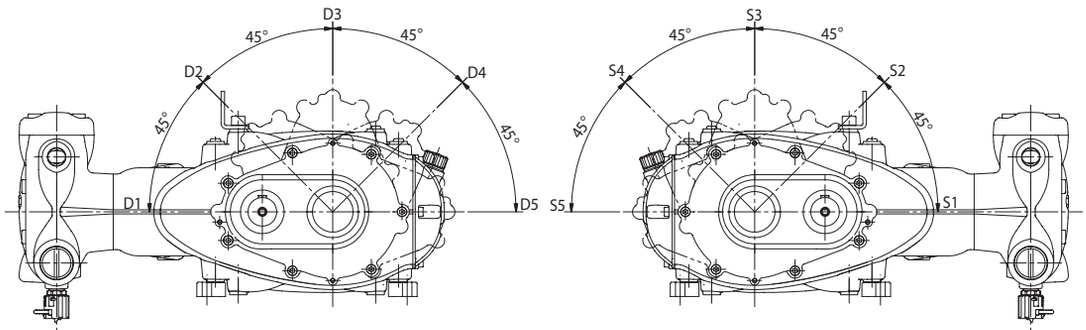
Tipo pompa Pump type	Valvole Valves	Cilindri Sleeves	Gear box R=1:2,72 r.p.m.	Albero Shaft r.p.m.	Portata Flow rate l/min	US Gpm	Pressione Pressure bar	p.s.i.	Potenza Power hp	kW	Peso Weight kg	Coppia max. Torque max. Nm
MF7M 5B	Sfera / Ball	Ceramic	700	218	202	53,3	50	750	26,2	19,2	255	263
MF7M 5D	Piattello/ Disc	Ceramic	880	274	254	67,1	50	750	33	24,3	255	263
MF7M 7B	Sfera / Ball	Acciaio/Steel	700	218	202	53,3	75	1090	39,4	29	255	395
MF7M 7D	Piattello/ Disc	Acciaio/Steel	880	274	254	67,1	75	1090	49,5	36,4	255	395

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Rapporto riduttori R = 1:2,24 R = 1:1,87 a richiesta / *R = 1:2,24 R = 1:1,87 Gearbox ratios available on request*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*



POSIZIONAMENTO RIDUTTORE - *GEARBOX POSITIONING*



Scheda tecnica, esplosi, manuali uso e manutenzione

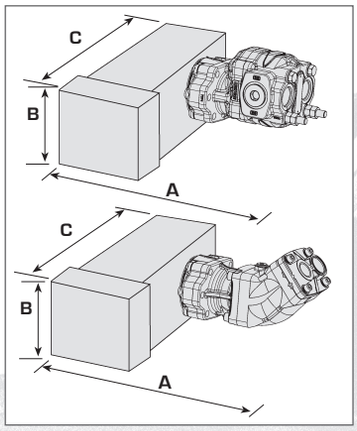
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.



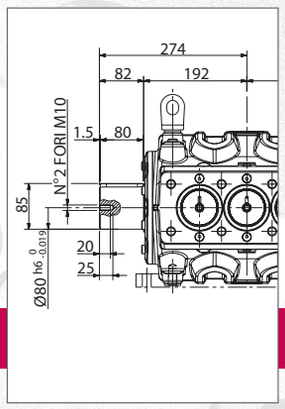
MOTOR OPTIONS

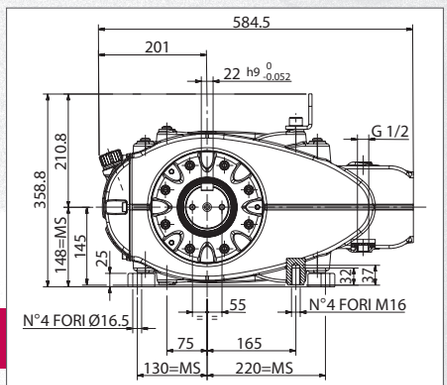
	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	PISTON	FOX	64	340	34	4950	870	MFMHY64	795x355x820	269
			108	340	34	4950	870	MFMHY108	795x355x820	269

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor



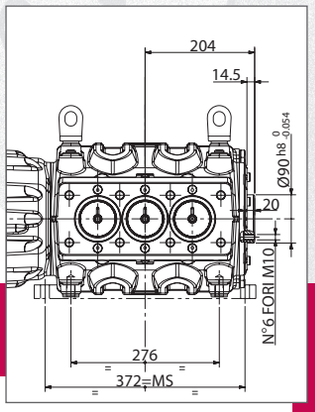
Presa diretta senza riduttore 800 g/min
Direct drive without gearbox 800 r.p.m.

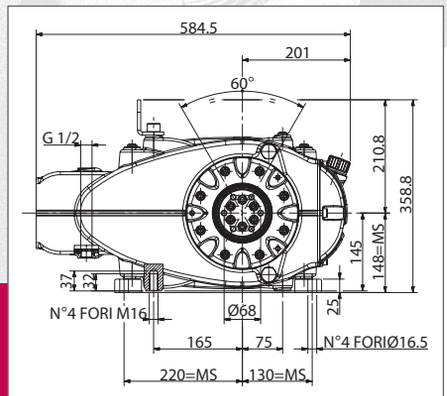






Predisposizione presa di forza ausiliaria opposta albero moto
Auxiliary P.T.O. opposite to shaft side



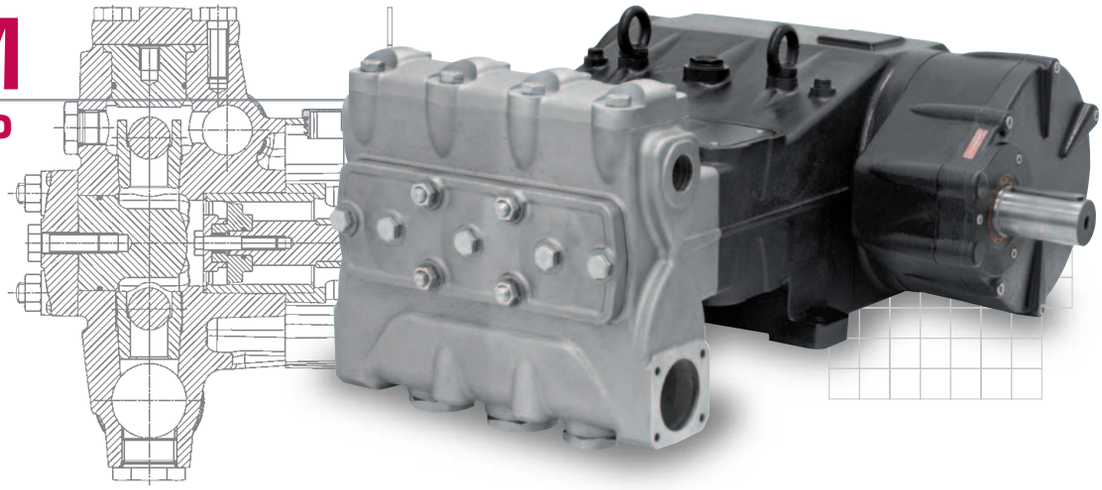


La coppia max è prelevabile anche con pompa a pieno carico (100 hp sulla presa primaria). *Max. torque is available also with pump at full load (100 hp at the primary shaft).*	Coppia max. *Max torque* (Nm)	Potenza max. *Max power* (Hp)	rpm
Cinghie - *Pulley / belts*	150	17,0	800
Giunto diretto - *Flex joint direct*	220	25,0	800

MK9M

80HP

Piston Pump



CARTER SIMMETRICO per conversione rapida sporgenza albero dx o sx.
SYMMETRICAL POWER END for easy and quick right left side shaft conversion.

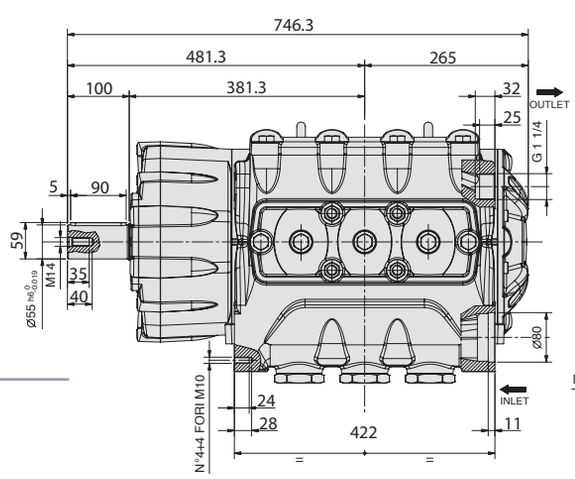
COSTRUZIONE
- Pompa volumetrica alternativa a 3 pistoni orizzontali, realizzata per iniezioni di fanghi da perforazione e cementizi, impasti, miscele liquide e semi liquide nell'industria mineraria, edile, chimica e petrolchimica.
- Pistoni di tenuta in NBR energizzati kevlar.
- Valvole a sfera o piattello autopulenti.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale.

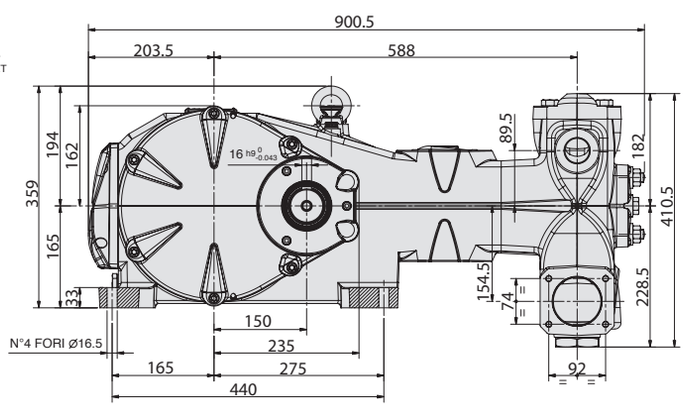
CONSTRUCTION
- *Positive displacement reciprocating triplex piston pump, designed to handle drilling fluids, muds, slurries for a variety of applications in the mining, chemical, oil & gas industries.*
- *Piston made of abrasion resistant NBR, kevlar energized.*
- *Self cleaning ball or disc valves.*
- *Splash lubrication.*
- *External gearbox.*

Tipo pompa / Pump type	Valvole / Valves	Cilindri / Sleeves	Gear box R=1:3,29 R=1:3,733 r.p.m.		Albero / Shaft r.p.m.	Portata / Flow rate l/min	US Gpm	Pressione / Pressure bar	p.s.i.	Potenza / Power hp	kW	Peso / Weight kg	Coppia/Torque max. 950 rpm 1080 rpm Nm	
MK9M 5B	Sfera / Ball	Ceramic	950	1080	289	397	105	50	750	51,6	37,9	407	381	335
MK9M 5D	Piattello/ Disc	Ceramic	950	1080	289	397	105	50	750	51,6	37,9	407	381	335
MK9M 8B	Sfera / Ball	Acciaio/Steel	950	1080	289	397	105	80	1090	82,5	60,7	407	609	536
MK9M 8D	Piattello/ Disc	Acciaio/Steel	950	1080	289	397	105	80	1090	82,5	60,7	407	609	536

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*
Rapporto riduttori R = 1:3,733 solo in esecuzione scanalato / *Gearbox R = 1:3,733 available as spline shaft only*

DIMENSIONI D'INGOMBRO - *OVERALL DIMENSIONS*





Scheda tecnica, esplosi, manuali uso e manutenzione

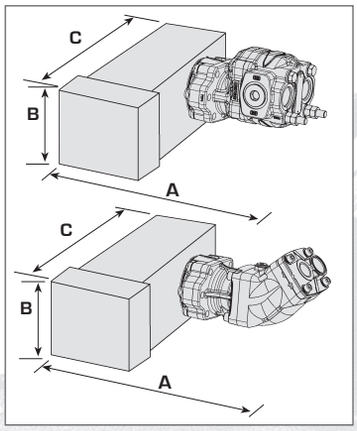
Data sheet, exploded view, repair & maintenance manuals



HY-PACK series

Pacchetto pompa-motore idraulico fornito assemblato pronto all'uso. Il disegno ultra compatto riduce spazio di installazione, peso e tempi di montaggio.

Pump package with hydraulic motor, fully assambled and ready to work.
The ultra compact design allows for significant space, weight and mounting time savings.

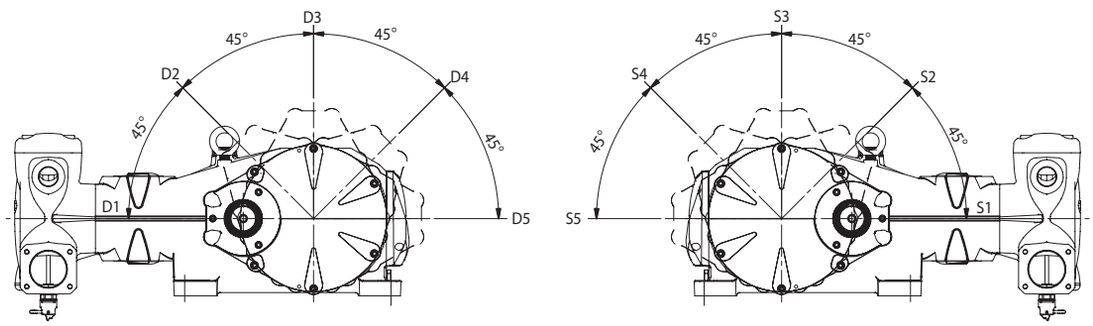


MOTOR OPTIONS

	Tipo motore Motor type	Modello Model	CIL. (Displ.) cc./rev	Pressione Olio Oil Pressure bar	MPa	p.s.i.	Max rpm	HY-PACK model	Dimensioni Dimensions mm (AxBxC)	Peso Weight kg
	PISTON	FOX	108 130	340 340	34 34	4950 4950	1080 1080	MK9HY108 MK9HY130	927x410x900 942x410x900	421 425

Gruppo idraulico assemblato, motore a ingranaggi o pistoni
Hydraulic power pack, gear or piston motor

POSIZIONAMENTO RIDUTTORE - GEARBOX POSITIONING



Allestimenti dedicati
Specialized pumps

Atex certifications pag. 66

Recycled Fluids series pag. 67

Stainless Steel series pag. 68 - 69





Pratissoli

INTERPUMP GROUP



ATEX

II 2GD ck T4/T135°C

Group	II Area with potentially explosive atmospheres	
Equipment category	2	3
Zones and type of explosive atmospheres	1 (G) 21 (D)	2 (G) 22 (D)
Surface temperature of the equipment	T4 / T135 °C	

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.
KF 28	93	24.5	210	21	3045
KF 30	106	28.0	200	20	2900
KF 33	120	31.7	180	18	2610
KF 36	122 137 153	32.2 36.2 40.0	160 140 130	16 14 13	2300 2050 1900
KF 40	170	45.0	110	11	1600
SS71 93	93	24.57	200	20	2900
SS71 106	106	28.0	200	20	2900
SS71 153	153	40.42	130	13	1885
SS71 170	170	44.90	100	10	1450
SN71 93	93	24.5	210	21	3050
SN71 106	106	28.0	200	20	2900
SN71 153	122 137 153	32.2 36.2 40.0	160 140 130	16 14 13	2300 2050 1900
SN71 170	170	45.0	110	11	1600
MW 32	135	35.7	300	30	4350
MW 36	171	45.2	240	24	3480
MW 40	211	55.7	210	21	3045
MW 45	267	70.5	155	15,5	2248
MW 50	330	87.2	125	12,5	1813
MW 55	399	105.4	100	10	1450
MWN 32	135	35.7	300	30	4350
MWN 36	171	45.2	240	24	3480
MWN 40	211	55.7	210	21	3045
MWN 45	267	70.5	155	15,5	2248
MWN 50	330	87.2	125	12,5	1813
MWN 55	399	105.4	100	10	1450

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.
LK 36	154	40.7	400	40	5800
LK 40	190	50.2	350	35	5075
LK 45	241	63.7	280	28	4060
LK 50	297	78.5	230	23	3335
LK 55	360	95.1	190	19	2755
LK 60	428	113.1	160	16	2320
LKN 36	140	37.0	400	40	5800
LKN 40	173	45.7	350	35	5075
LKN 45	218	57.6	280	28	4060
LKN 50	269	71.1	230	23	3335
LKN 55	326	86.1	190	19	2755
LKN 60	388	102.5	160	16	2320
SR 26	75	19.9	1500	150	21750
SR 30	99	26.5	1200	120	17400
SR 32	113	29.8	1000	100	14500
SR 36	143	37.8	800	80	11600
SR 50	276	73	400	40	5800
SR 55	466	123	250	25	3650
SR 75	620	164	200	20	2900
TR 26	108	28.5	1500	150	21750
TR 30	143	37.8	1200	120	17400
TR 32	163	43.0	1000	100	14500
TR 36	206	54.4	750	75	10900
TR 50	398	105	400	40	5800
TR 60	573	152	300	30	4350
TR 70	780	206	220	22	3200
TR 75	895	237	200	20	2900

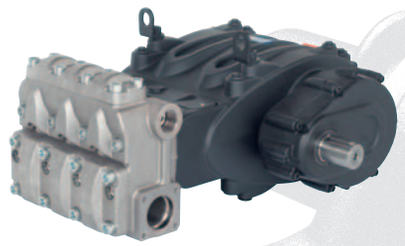
FONDO GIALLO: VERSIONI IN CORSO DI CERTIFICAZIONE.

YELLOW FIELDS: CERTIFICATION IN PROGRESS.

Recycled Fluids series

Adatte per acque cariche e solidi in sospensione fino al 20% in volume e dimensioni fino a 200 µ.
Grazie alle speciali tenute, la pompa puo' funzionare a secco per 30 minuti

Suitable for charged water with particle size up to 200 µ and up to 20% concentration in the water.
Thanks to the special packings, the pump can run dry without damage for 30 minutes.



MW-R 100HP

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Con riduttore With gearbox g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Dimensioni Dimensions mm
MWR 32	135	35.7	300	30	4350	1500 / 1800 / 2200/ 2600	100	74	260	749,5x358x583
MWR 36	171	45.2	240	24	3480	1500 / 1800 / 2200/ 2600	100	74	260	749,5x358x583
MW-R 40	211	55.7	210	21	3045	1500 / 1800 / 2200/ 2600	115	85	260	749,5x358x583
MW-R 45	267	70.5	155	15,5	2248	1500 / 1800 / 2200/ 2600	107	79	255	751,5x358,8x583
MW-R 50	330	87.2	125	12,5	1813	1500 / 1800 / 2200/ 2600	107	79	255	751,5x358,8x583
MW-R 55	399	105.4	100	10	1450	1500 / 1800 / 2200/ 2600	104	76	255	751,5x358,8x583

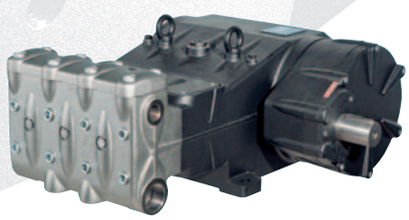
Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*



MK-R 150HP

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Con riduttore With gearbox g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Dimensioni Dimensions mm
MK-R 50	240	63.4	250	25	3600	1500 / 1800	156	115	393	829x747x362
MK-R 55	290	76.7	200	20	2900	1500 / 1800	151	111	407	841x747x400
MK-R 60	346	91.4	170	17	2500	1500 / 1800	153	112	407	841x747x400
MK-R 65	406	107.3	150	15	2175	1500 / 1800	158	116	407	841x747x400

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*



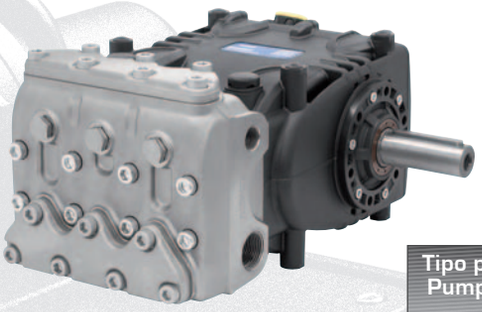
MKS-R 180HP

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Con riduttore With gearbox g/min r.p.m.	Potenza Power hp	kW	Peso Weight kg	Dimensioni Dimensions mm
MKS-R 50	285	75.3	250	25	3600	1500 / 1800 / 2200	187	137,5	393	829x747x362
MKS-R 55	345	91.1	200	20	2900	1500 / 1800 / 2200	180	132,0	407	841x747x400
MKS-R 60	410	108.4	170	17	2500	1500 / 1800 / 2200	183	135,0	407	841x747x400
MKS-R 65	481	127.0	150	15	2175	1500 / 1800 / 2200	190	140,0	407	841x747x400

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

Stainless Steel series

70.SS - 70.SN



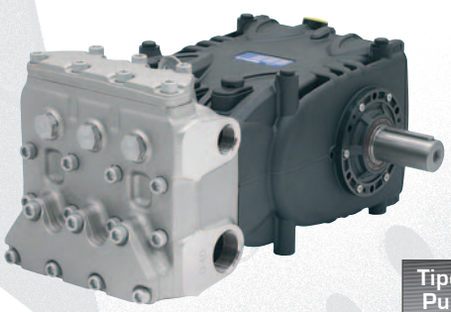
COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 11 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 11 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

	Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	g/min r.p.m.	Potenza Power hp	kW
70.SS Versioni inox AISI 316 L **Temp. max. 85° C** *AISI 316 L version* ***Max water temp.: 85°C***	SS70 30	30	7.92	200	20	2900	1450	16	11,7
	SS70 37	37	9.77	200	20	2900	1450	19	14,0
	SS70 45	45	11.89	200	20	2900	1450	24	17,6
	SS70 61H	61	16.11	150	15	2175	1450	24	17,6
	SS70 70H	70	18.49	130	13	1885	1450	24	17,6
	SS7091H	100	26.4	100	10	1450	1450	26	19,1
70.SN Versioni inox AISI 420 **Temp. max. 85° C** *AISI 420 version* ***Max water temp.: 85°C***	SN70 30	30	8.0	300	30	4350	1450	25	18,4
	SN70 37	37	10.0	250	25	3650	1450	25	18,4
	SN70 45	45	11.9	210	21	3045	1450	25	18,4
	SN70 61	61	16.1	150	15	2170	1450	25	18,4
	SN70 70	70	18.5	130	13	1880	1450	25	18,4
	SN70 91	100	26.4	100	10	1450	1450	26	19,1

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

71.SS - 71.SN



ATEX AVAILABLE

COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 8 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 8 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

	Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	g/min r.p.m.	Potenza Power hp	kW
71.SS Versioni inox AISI 316 L **Temp. max. 85° C** *AISI 316 L version* ***Max water temp.: 85°C***	SS71 93	93	24.57	200	20	2900	1000	48	35,3
	SS71 106	106	28.0	200	20	2900	1000	55	40,0
	SS71 153	122	32.2	160	16	2300	800	51	37,5
		137	36.2	140	14	2050	900	50	37,0
		153	40.42	130	13	1885	1000	52	38,2
	SS71 170	170	44.90	100	10	1450	900	44	36,0
71.SN Versioni inox AISI 420 **Temp. max. 85° C** *AISI 420 version* ***Max water temp.: 85°C***	SN71 93	93	24.5	210	21	3050	1000	50	37,0
	SN71 106	106	28.0	200	20	2900	1000	55	40,0
	SN71 153	122	32.2	160	16	2300	800	51	37,5
		137	36.2	140	14	2050	900	50	37,0
		153	40.5	130	13	1900	1000	52	38,2
	SN71 170	170	45.0	110	11	1600	900	49	36,0

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

HF-N



COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- **Versioni disponibili con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- ***Flushing systems available on request on selected versions.***

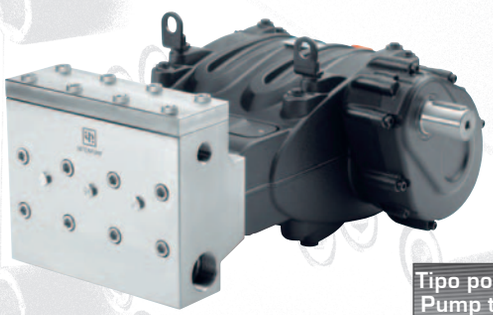
HF-N
Versioni inox duplex ASTM F51 (testata da billetta) - rif. 71961100

Duplex ASTM F51 s.s. versions, block style manifold - ref. 71961100

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Riduttore Gearbox g/min r.p.m.	Potenza Power hp	kW
HFN 22	57	15,0	350	35	5075	1000	50	36,8
HFN 25	73	19,3	280	28	4060	1000	50	36,8

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

MWN



ATEX AVAILABLE

COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri laterale disponibile in 3 rapporti riduzione e posizionabile a destra o sinistra della pompa.
- **Versioni disponibili su richiesta con sistema di flussaggio tenute.**

CONSTRUCTION
- *Triplex plunger pump, available in 6 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *External gear box available in 3 ratios and positionable on left or right side of the pump.*
- ***Flushing systems available on request on selected versions.***

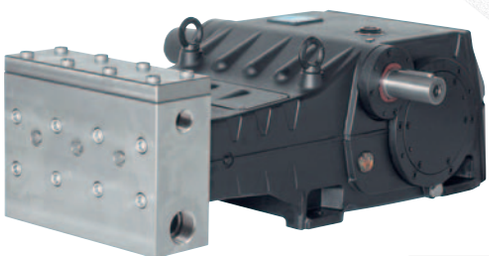
MWN
Versioni inox duplex ASTM F51 (testata da billetta) e inox 17/4 ph (valvole aspir./mandata)

Duplex ASTM F51 s.s. versions, block style manifold, 17/4 ph s.s. in/out valves.

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Riduttore Gearbox g/min r.p.m.	Potenza Power hp	kW
MWN 32	135	35.7	300	30	4350	800/1500/1800/2200/2600	100	74
MWN 36	171	45.2	240	24	3480	800/1500/1800/2200/2600	100	74
MWN 40	211	55.7	210	21	3045	800/1500/1800/2200/2600	115	85
MWN 45	267	70.6	155	15,5	2248	800/1500/1800/2200/2600	100	74
MWN 50	330	87.2	125	12,5	1813	800/1500/1800/2200/2600	100	74
MWN 55	399	105.4	100	10	1450	800/1500/1800/2200/2600	100	76

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

LK-N



ATEX AVAILABLE

COSTRUZIONE
- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri interno disponibile in 3 rapporti di riduzione
- Albero presa di moto doppia sporgenza

CONSTRUCTION
- *Triplex plunger pump, available in 6 versions.*
- *Low-high pressure packing design with integrated cooling system.*
- *High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.*
- *Splash lubrication.*
- *Built-in gearbox available in 3 ratios*
- *Double PTO drive shaft*

LK-N
Versioni inox duplex ASTM F51 (testata da billetta) e inox 17/4 ph (valvole aspir./mandata)

Duplex ASTM F51 s.s. versions, block style manifold, 17/4 ph s.s. in/out valves.

Tipo pompa Pump type	Portata Volume l/min	US Gpm	Pressione Pressure bar	MPa	p.s.i.	Riduttore Gearbox g/min r.p.m.	Potenza Power hp	kW
LKN 36	140	37.0	400	40	5800	1500/1750/1900	161	118,0
LKN 40	173	45.7	350	35	5075	1500/1750/1900	173	127,2
LKN 45	218	57.6	280	28	4060	1500/1750/1900	176	129,0
LKN 50	269	71.1	230	23	3335	1500/1750/1900	177	130
LKN 55	326	86.1	190	19	2755	1500/1750/1900	178	131
LKN 60	388	102.5	160	16	2320	1500/1750/1900	178	131

Portate teoriche con rendimento volumetrico 100% / *Volumes are theoretical at 100% volumetric efficiency*
Dati tecnici arrotondati per facilità di lettura / *Technical data rounded for ease in readability*

Accessori
Accessories

Valvole di sicurezza certificate *Certified safety valves*	pag. **72 - 73**
Regolatori di pressione *Regulating valves*	pag. **74 - 75**
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INTERPUMP GROUP

INTERPUMP GROUP

Pratissoli


R2L
21 MPa
210 bar
230 l/min
85°C
L28
INTERPUMP
500
1000
1500
1600
bar

VALVOLE DI SICUREZZA CERTIFICATE
CERTIFIED SAFETY VALVES

Certificazione secondo le disposizioni della Direttiva Apparecchi in Pressione 97/23/CE cat. II, relativamente alla progettazione, costruzione ed installazione in sicurezza di apparecchi in pressione.

Certification according to the PED Pressure Equipment Directive 97/23/CE, cat. II standards, for the design, fabrication and installation of pressure equipments.



ZERTIFIKAT ◆ CERT ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV Italia

CERTIFICATO
CERTIFICATE

Controllo di fabbricazione interno e sorveglianza della verifica finale (Modulo A1) secondo direttiva 97/23/CE
Internal manufacturing checks with monitoring of the final assessment (Module A1) according to Directive 97/23/EC

Certificato No.: TIS-PED-BO-13-03-048054-6299
Certificate No.: TIS-PED-BO-13-03-048054-6299

Nome ed indirizzo del produttore: *Name and postal address of manufacturer:* **INTERPUMP GROUP S.p.A. Via Fermi, 25 I-42049 S. ILARIO (RE)**

Previo esame dei prerequisiti, il costruttore è autorizzato a fornire l'attrezzatura a pressione nell'ambito dell'esame del marchio CE e del nostro numero identificativo come illustrato:
After examination of the prerequisites the manufacturer is authorized to provide his pressure equipment manufactured within the scope of the examination with the EC-Mark and our identification number as illustrated:

CE 0948

Rapporto di collaudo No.: *Test report No.:* **R-TIS-PED-BO-13-03-048054-9107**

Campo di validità: *Scope of examination:* **Safety Valves type ON/OFF "Special Design" for High Pressure Water Systems up to II Category (Hydraulic Circuits) S723 (DN15) / S455 (DN20) / S1510 (DN15) / S1503 (DN15) Assembly Drawings: 36721401 Rev.1 / 36720301 Rev.2 / 36721301 Rev.1 / 36721201 Rev.2 Kdr Tables: 98275250 Rev.0 / 98275150 Rev.0 / 98275050 Rev.0 / 98274950 Rev.0**

Officina di produzione: *Manufacturing plant:* **GENERAL TECHNOLOGY S.r.l. I - 42124 REGGIO EMILIA (RE)**

Milano, 13/12/2013

ACCREDIA

TÜV Italia Srl Industrie Service 09 48 Notified Body

TÜV ITALIA Srl
Organismo Notificato PED dir. 97/23/CE

Gennaro Oliva

Pregasi osservare le note sul retro.
Please see remarks on reverse.

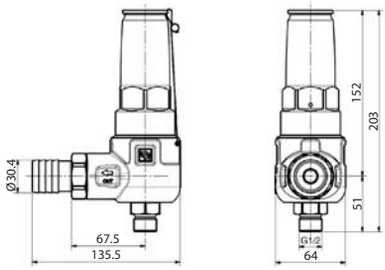
Organismo Notificato No. 0948
Notified Body, Identification No. 0948

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S723

Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	700 bar 70 MPa 10150 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	1,7 kg - 3,8 lbs



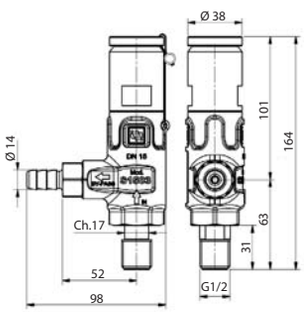
Per pompe - For pumps

KE - KT - KF - HF
KS - MW - MK
MKS



S1503

Portata max. - *Flow rate max.*	30 l/min. 7.9 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	1 kg - 2,2 lbs



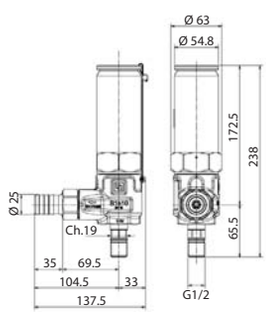
Per pompe - For pumps

VF - VK - SM14



S1510

Portata max. - *Flow rate max.*	100 l/min. 26.4 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	2,7 kg - 5,95 lbs



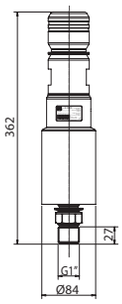
Per pompe - For pumps

SM - SK



S1520

Portata max. - *Flow rate max.*	240 l/min. 63 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21750 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	8 kg - 17,8 lbs



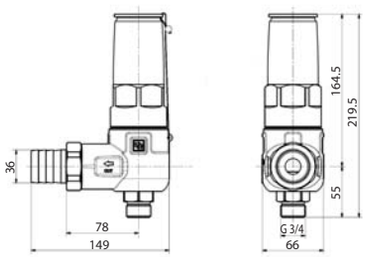
Per pompe - For pumps

SRhp - TRhp



S455

Portata max. - *Flow rate max.*	500 l/min. 132 gpm
Pressione max. *Pressure max.*	450 bar 45 MPa 6525 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	3,2 kg - 7,2 lbs



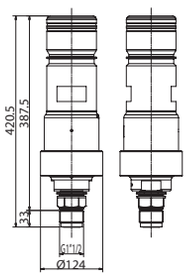
Per pompe - For pumps

MW - MK - MKS - LK



S4090

Portata max. - *Flow rate max.*	950 l/min. 251 gpm
Pressione max. *Pressure max.*	400 bar 40 MPa 5800 psi
Temp. max. - *Temp. max.*	30 °C - 85 °F
Peso - *Weight*	20 kg - 45 lbs



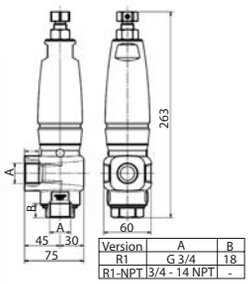
Per pompe - For pumps

SRlp - TRlp



R1

	R1 200	R1 400	R1 600
Portata max. *Flow rate max.*	110 l/min. 29 gpm	110 l/min. 29 gpm	70 l/min. 18,5 gpm
Pressione max. *Pressure max.*	200 bar 20 MPa 2900 psi	400 bar 40 MPa 5800 psi	600 bar 60 MPa 8700 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F	85 °C - 185 °F	85 °C - 185 °F
Peso - *Weight*	2,5 kg - 5,5 lbs	2,5 kg - 5,5 lbs	2,5 kg - 5,5 lbs



Version	A	B
R1	G 3/4	18
R1-NPT	3/4 - 14 NPT	-

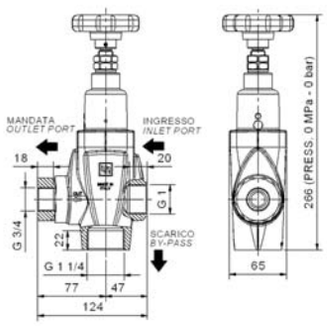
Per pompe - For pumps

KE - KT 16-18-20
22-24-30-32 - HF
KF 28-30 - KS 28



R2

Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	4,5 kg - 9,9 lbs



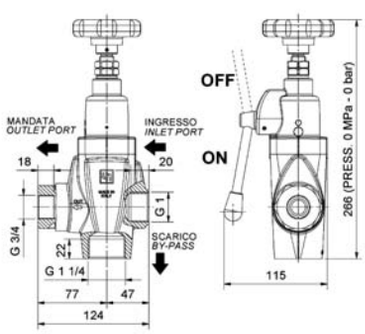
Per pompe - For pumps

KT - KF - KS



R2L

Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	5,0 kg - 11,0 lbs



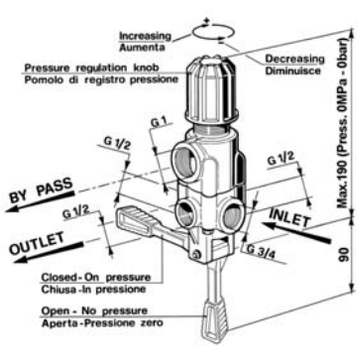
Per pompe - For pumps

KT - KF - KS



TIMAX 100

Portata max. - *Flow rate max.*	200 l/min. 52.8 gpm
Pressione max. *Pressure max.*	100 bar 10 MPa 1450 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	1,7 kg - 3,7 lbs



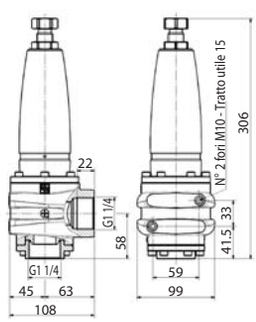
Per pompe - For pumps

KE - KT - KTM - KFM
MWM - MKM



R3LP

Portata max. - *Flow rate max.*	500 l/min. 132 gpm
Pressione max. *Pressure max.*	230 bar 23 MPa 3336 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	6,0 kg - 13,2 lbs



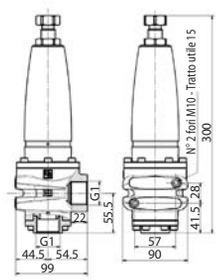
Per pompe - For pumps

MW - MK - MKS - LK



R3HP

Portata max. - *Flow rate max.*	341 l/min. 90 gpm
Pressione max. *Pressure max.*	450 bar 45 MPa 6527 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	5,3 kg - 11,7 lbs



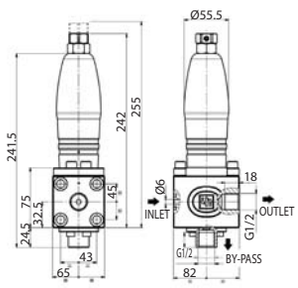
Per pompe - For pumps

MW - MK - MKS - LK



R1503

Portata max. - *Flow rate max.*	30 l/min. 7.9 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	30 °C - 70 °F
Peso - *Weight*	6,3 kg - 14,3 lbs



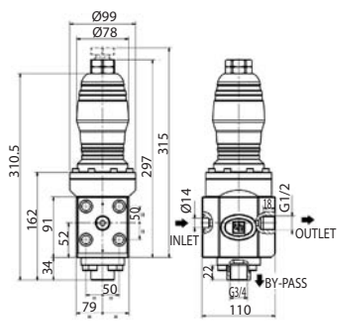
Per pompe - For pumps

VF - VK - SM14



R1510

Portata max. - *Flow rate max.*	100 l/min. 26.4 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	30 °C - 70 °F
Peso - *Weight*	10 kg - 22 lbs



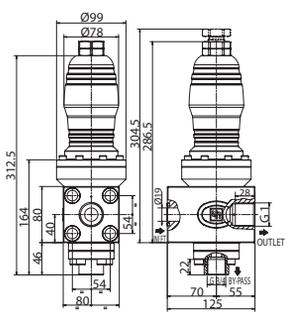
Per pompe - For pumps

SM - SK



R1520

Portata max. - *Flow rate max.*	240 l/min. 63 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21750 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	9 kg - 20 lbs



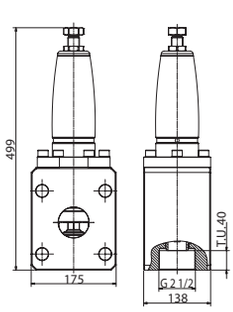
Per pompe - For pumps

SRhp - TRhp



R4090

Portata max. - *Flow rate max.*	900 l/min. 237 gpm
Pressione max. *Pressure max.*	400 bar 40 MPa 5800 psi
Temp. max. - *Temp. max.*	40 °C - 104 °F
Peso - *Weight*	37 kg - 82 lbs



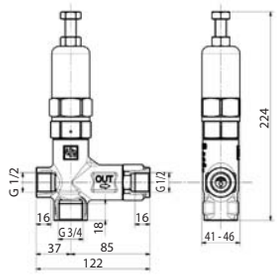
Per pompe - For pumps

SRlp - TRlp



BH210

Portata max. - *Flow rate max.*	110 l/min. 29 gpm
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	1,95 kg - 4,3 lbs

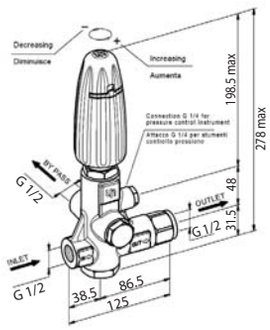


Per pompe - For pumps
KE - KT



H560

Portata max. - *Flow rate max.*	60 l/min. 15.8 gpm
Pressione max. *Pressure max.*	500 bar 50 MPa 7250 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	2,7 kg - 5,95 lbs

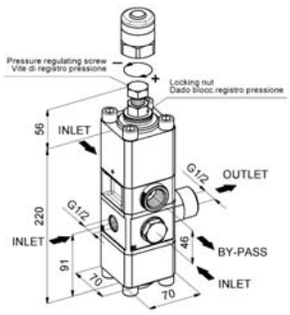


Per pompe - For pumps
KE - KT - HF



BKX600

Portata max. - *Flow rate max.*	60 l/min. 15.8 gpm
Pressione max. *Pressure max.*	600 bar 60 MPa 8700 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	7,74 kg - 17,03 lbs

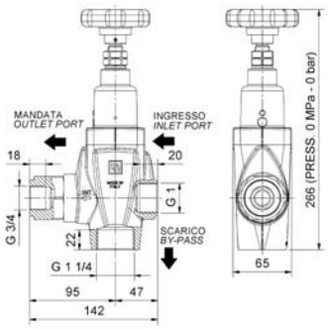


Per pompe - For pumps
KE - KT - HF



RA2

Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	4,8 kg - 10,6 lbs

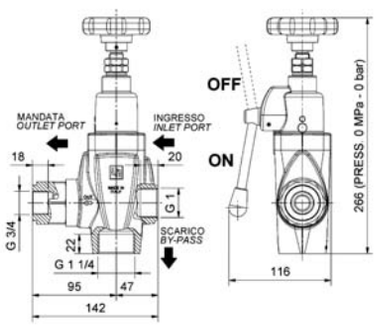


Per pompe - For pumps
KT - KF - KS



RA2L

Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	5,3 kg - 11,7 lbs

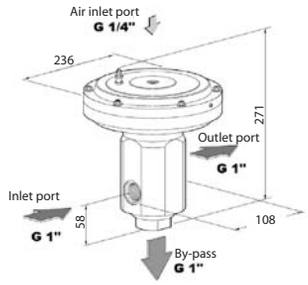


Per pompe - For pumps
KT - KF - KS

PN2



	PN2 140	PN2 250	PN2 500
Portata max. *Flow rate max.*	230 l/min. 61 gpm	230 l/min. 61 gpm	230 l/min. 61 gpm
Pressione max. *Pressure max.*	140 bar 14 MPa 2030 psi	250 bar 25 MPa 3626 psi	500 bar 50 MPa 7250 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F	60 °C - 140 °F	60 °C - 140 °F
Peso - *Weight*	16 kg - 35,2 lbs	16 kg - 35,2 lbs	16 kg - 35,2 lbs

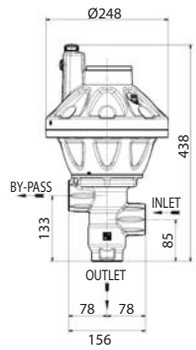


Per pompe
For pumps
KE - KT - KF
KS - MW

PN4



	PN4 200	PN4 300	PN4 450
Portata max. *Flow rate max.*	500 l/min. 132 gpm	390 l/min. 103 gpm	260 l/min. 69 gpm
Pressione max. *Pressure max.*	200 bar 20 MPa 2900 psi	300 bar 30 MPa 4350 psi	450 bar 45 MPa 6530 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F	60 °C - 140 °F	60 °C - 140 °F
Peso - *Weight*	16 kg - 35 lbs	16 kg - 35 lbs	16 kg - 35 lbs

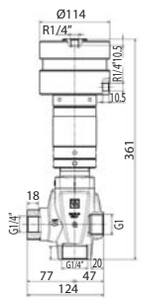


Per pompe
For pumps
MW - MK
MKS - LK

PNR2



Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	4,7 kg - 10,3 lbs

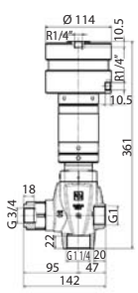


Per pompe - For pumps
KT - KF - KS

PNRA2



Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	5 kg - 11 lbs

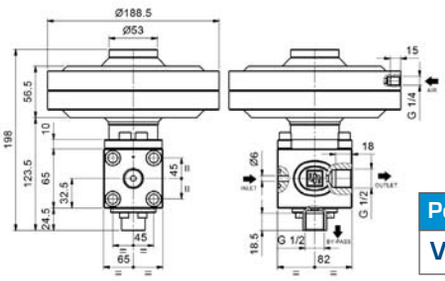


Per pompe - For pumps
KT - KF - KS



PNR 1503

Portata max. - *Flow rate max.*	30 l/min. 7.9 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	30 °C - 70 °F
Peso - *Weight*	6,0 kg - 13,2 lbs

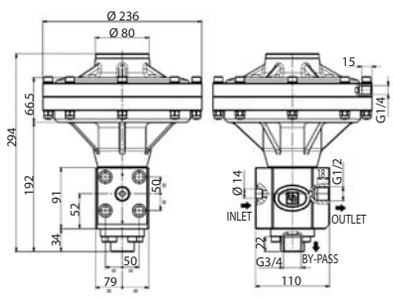


Per pompe - For pumps
VF - VK - SM14



PNR 1510

Portata max. - *Flow rate max.*	100 l/min. 24.4 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	30 °C - 70 °F
Peso - *Weight*	13,5 kg - 29,7 lbs

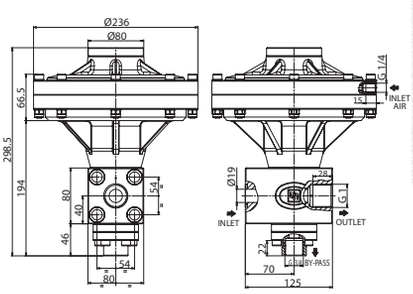


Per pompe - For pumps
SM - SK



PNR 1520

Portata max. - *Flow rate max.*	240 l/min. 63 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21750 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	13,5 kg - 29,7 lbs

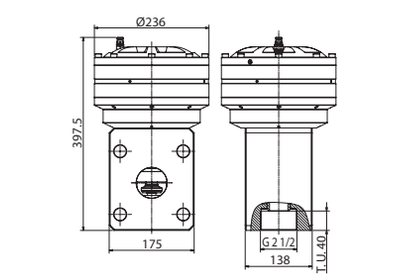


Per pompe - For pumps
SRhp - TRhp



PNR 4090

Portata max. - *Flow rate max.*	965 l/min. 255 gpm
Pressione max. *Pressure max.*	400 bar 40 MPa 5800 psi
Temp. max. - *Temp. max.*	40 °C - 104 °F
Peso - *Weight*	43 kg - 95,5 lbs



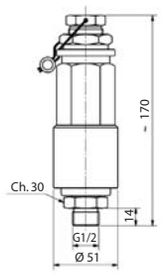
Per pompe - For pumps
SRlp - TRlp

VALVOLE SICUREZZA INOX - *S. S. MAX. PRESSURE SETTING VALVES*



SX2

Portata max. - *Flow rate max.*	190 l/min. 50.1 gpm
Pressione max. *Pressure max.*	600 bar 60 MPa 8700 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	1,5 kg - 3,4 lbs

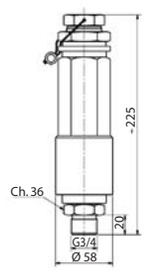


Per pompe - For pumps
SS70 - SN70
SN71 - HFN



SX3

Portata max. - *Flow rate max.*	500 l/min. 132 gpm
Pressione max. *Pressure max.*	300 bar 30 MPa 4350 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	2,5 kg - 5,5 lbs



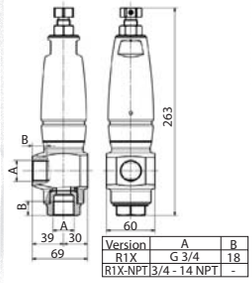
Per pompe - For pumps
MWN - LKN

VALVOLE REGOLAZIONE INOX - *S. S. REGULATING VALVES*



R1X

	R1X 200	R1X 400	R1X 600
Portata max. *Flow rate max.*	110 l/min. 29 gpm	110 l/min. 29 gpm	70 l/min. 18.5 gpm
Pressione max. *Pressure max.*	200 bar 20 MPa 2900 psi	400 bar 40 MPa 5800 psi	600 bar 60 MPa 8700 psi
Temp. max - *Temp. max.*	85 °C - 185 °F	85 °C - 185 °F	85 °C - 185 °F
Peso - *Weight*	2,5 kg - 5,5 lbs	2,5 kg - 5,5 lbs	2,5 kg - 5,5 lbs



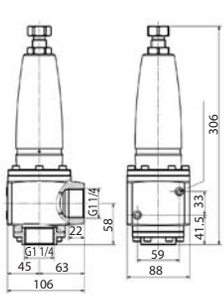
Version	A	B
R1X	G 3/4	18
R1X-NPT	3/4 - 14 NPT	-

Per pompe - For pumps
SS70 - SN70
SN71 - HFN



R3Xlp

Portata max. - *Flow rate max.*	500 l/min. 132 gpm
Pressione max. *Pressure max.*	230 bar 23 MPa 3336 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	6,0 kg - 13,2 lbs

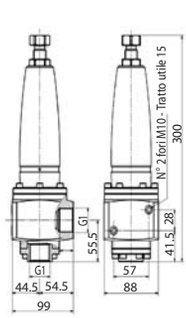


Per pompe - For pumps
MWN - LKN



R3Xhp

Portata max. - *Flow rate max.*	341 l/min. 90 gpm
Pressione max. *Pressure max.*	450 bar 45 MPa 6527 psi
Temp. max. - *Temp. max.*	85 °C - 185 °F
Peso - *Weight*	5,3 kg - 11,7 lbs

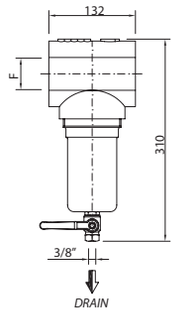


Per pompe - For pumps
MWN - LKN



F10

Portata max. - *Flow rate max.*	100 l/min. 26.4 gpm
Pressione max. *Pressure max.*	10 bar 1 MPa 145 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	1,6 kg - 3,55 lbs

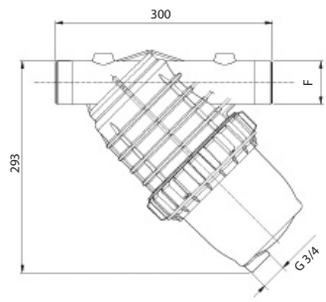


Per pompe - For pumps
KE - KT - HF



F30

Portata max. - *Flow rate max.*	230 l/min. 61 gpm
Pressione max. *Pressure max.*	8 bar 0.8 MPa 120 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	1,75 kg - 3,9 lbs

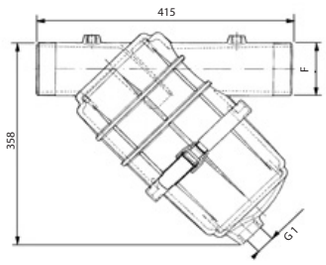


Per pompe - For pumps
KE - KT - KF - KS



F40

Portata max. - *Flow rate max.*	500 l/min. 132 gpm
Pressione max. *Pressure max.*	8 bar 0.8 MPa 120 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	3 kg - 6,7 lbs

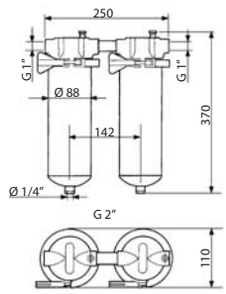


Per pompe - For pumps
KS - MW - MK
MKS - LK



F50/80

Portata max. - *Flow rate max.*	40 l/min. 10.5 gpm
Pressione max. *Pressure max.*	10 bar 1 MPa 145 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	5,5 kg - 12,1 lbs

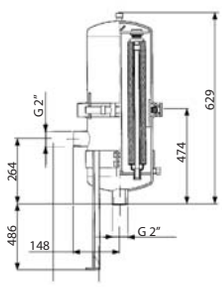


Per pompe - For pumps
VF - VK



F60

Portata max. - *Flow rate max.*	200 l/min. 52 gpm
Pressione max. *Pressure max.*	10 bar 1 MPa 145 psi
Temp. max. - *Temp. max.*	30 °C - 86 °F
Peso - *Weight*	15 kg - 33 lbs



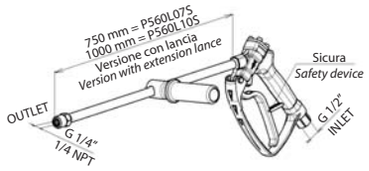
Per pompe - For pumps
SM - SK

LANCE COMPLETE - *SPRAY GUNS*



P560

Portata max. - *Flow rate max.*	60 l/min. 15.85 gpm
Pressione max. *Pressure max.*	600 bar 60 MPa 8700 psi
Temp. max. - *Temp. max.*	70 °C - 158 °F
Peso - *Weight*	2,22 kg - 4,93 lbs

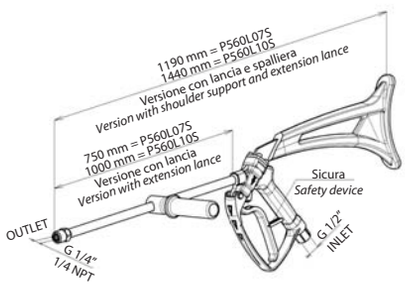


Per pompe - For pumps
KE - KT - HF



P560S

Portata max. - *Flow rate max.*	60 l/min. 15.85 gpm
Pressione max. *Pressure max.*	600 bar 60 MPa 8700 psi
Temp. max. - *Temp. max.*	70 °C - 158 °F
Peso - *Weight*	2,52 kg - 5,6 lbs

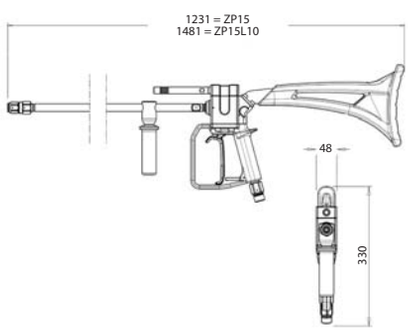


Per pompe - For pumps
KE - KT - HF



P15

Portata max. - *Flow rate max.*	40 l/min. 10.57 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 22000 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	5,7 kg - 12,54 lbs



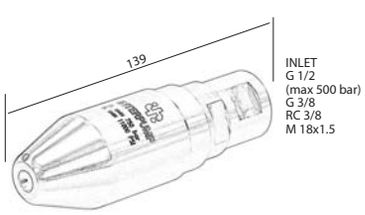
Per pompe - For pumps
VF - VK - SM - SK

UGELLI ROTANTI - ROTATING *NOZZLES*



RMAX 750

Portata max. - *Flow rate max.*	50 l/min. 13.2 gpm
Pressione max. *Pressure max.*	750 bar 75 MPa 11000 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	1 kg - 2,20 lbs

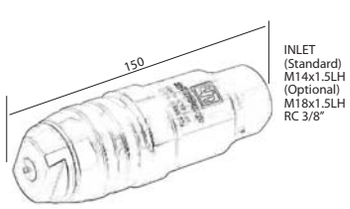


Per pompe - For pumps
HF - VF - VK - SM SK



RMAX 1500

Portata max. - *Flow rate max.*	42 l/min. 11.1 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 22000 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	1,20 kg - 2,64 lbs

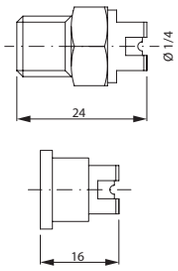


Per pompe - For pumps
VF - VK - SM - SK



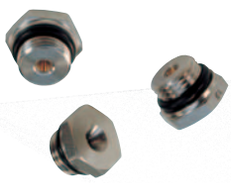
N1

Pressione Massima *Pressure Max.*	300 bar 30 MPa 4350 psi



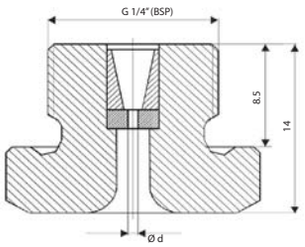
Per pompe - For pumps

Tutte fino a 300 bar
All pumps up to 300 bar



N3/0°

Pressione Massima *Pressure Max.*	1000 bar 100 MPa 14500 psi



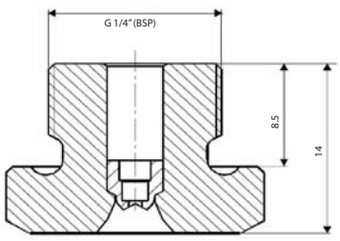
Per pompe - For pumps

Tutte fino a 1000 bar
All pumps up to 1000 bar



N3/30°

Pressione Massima *Pressure Max.*	1000 bar 100 MPa 14500 psi



Per pompe - For pumps

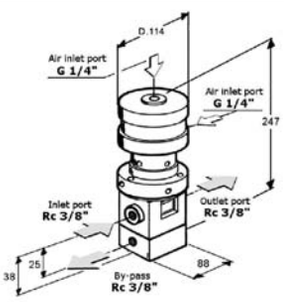
Tutte fino a 1000 bar
All pumps up to 1000 bar

DISTRIBUTORI PNEUMATICI - *PNEUMATIC DUMPING VALVES*



PN12

Portata max. - *Flow rate max.*	80 l/min. 21 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	13,5 kg - 30 lbs



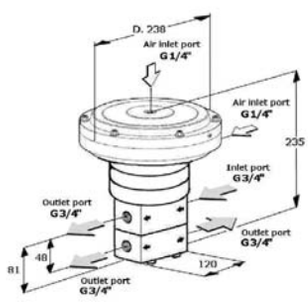
Per pompe - For pumps

VF - VK - SM - SK
SRhp - TRhp



PN14/800

Portata max. - *Flow rate max.*	120 l/min. 31.7 gpm
Pressione max. *Pressure max.*	800 bar 80 MPa 11600 psi
Temp. max. - *Temp. max.*	30 °C - 70 °F
Peso - *Weight*	14 kg - 30,8 lbs



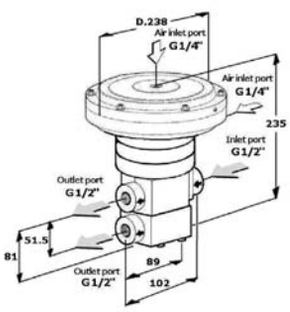
Per pompe - For pumps

VF - VK - SM - SK
SRhp - TRhp



PN14/1500

Portata max. - *Flow rate max.*	80 l/min. 21.1 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21800 psi
Temp. max. - *Temp. max.*	30 °C - 70 °F
Peso - *Weight*	13 kg - 28,6 lbs



Per pompe - For pumps

VF - VK - SM - SK
SRhp - TRhp

A4X - SS 316 L



Portata max. - *Flow rate max.*	0.35 l
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	2 kg - 4,44 lbs

Per pompe - For pumps
KE - KT

A7



Portata max. - *Flow rate max.*	0.75 l
Pressione max. *Pressure max.*	210 bar 21 MPa 3045 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	2,6 kg - 5,77 lbs

Per pompe - For pumps
KT - KF

A7S



Portata max. - *Flow rate max.*	0.75 l
Pressione max. *Pressure max.*	350 bar 35 MPa 5075 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	5,5 kg - 12,2 lbs

Per pompe - For pumps
KT - KF

A7X - SS 316 L



Portata max. - *Flow rate max.*	0.70 l
Pressione max. *Pressure max.*	150 bar 15 MPa 2150 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	3,9 kg - 8,66 lbs

Per pompe - For pumps
SS70 - SN70 MWN

A15



Portata max. - *Flow rate max.*	1.5 l
Pressione max. *Pressure max.*	330 bar 33 MPa 4750 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	7,1 kg - 15,77 lbs

Per pompe - For pumps
MW - MK - MKS LK

A15X - SS 316 L



Portata max. - *Flow rate max.*	1.5 l
Pressione max. *Pressure max.*	150 bar 15 MPa 2150 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	7,1 kg - 15,77 lbs

Per pompe - For pumps
MWK - LKN

MANOMETRI - *PRESSURE GAUGES*



PG1 - PG2

Pressione massima *Pressure max.*	0 - 120 bar / 0 - 12 MPa 0 - 160 bar / 0 - 16 MPa 0 - 250 bar / 0 - 25 MPa 0 - 400 bar / 0 - 40 MPa 0 - 600 bar / 0 - 60 MPa 0 - 1000 bar / 0 - 100 MPa
Attacco - *Connection*	Gas 1/4"

Per pompe - For pumps

Tutte le pompe
All pumps



PG3

Pressione massima *Pressure max.*	0 - 1000 bar / 0 - 100 MPa 0 - 1600 bar / 0 - 160 MPa
Attacco - *Connection*	Gas 1/2"

Per pompe - For pumps

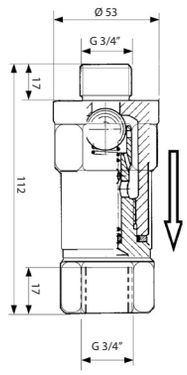
Tutte le pompe
All pumps

VALVOLE DI NON RITORNO - CHECK VALVES



UD1

Portata max. - *Flow rate max.*	180 l/min. 48 gpm
Pressione max. *Pressure max.*	250 bar 25 MPa 3650 psi
Temp. max. - *Temp. max.*	60 °C - 140 °F
Peso - *Weight*	1,2 kg - 2,64 lbs
Pressione apertura *Release pressure*	Optional 5 bar - 73 psi
	Standard 0,2 bar - 3 psi



Per pompe - For pumps

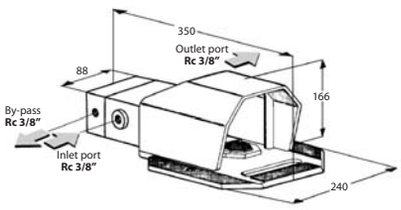
KE - KT - KF
HF - MW

VALVOLE A PEDALE - FOOT VALVES



VP12

Portata max. - *Flow rate max.*	80 l/min. 21 gpm
Pressione max. *Pressure max.*	1500 bar 150 MPa 21755 psi
Temp. max. - *Temp. max.*	30 °C - 70 °F
Peso - *Weight*	10,5 kg - 23,1 lbs



Per pompe - For pumps

VF - WK - SM
SK

SLITTE TENDICINGHIE - *SLIDES*



TC-G

Per installazioni
fino a 50 hp / 37 kW

For installation
up to 50 hp / 37 kW

Per pompe - For pumps

KE - KT - KF
HF - VF

cod. 32.0038.03 rev. 7 - 05/2016

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