

KT series

35HP



COSTRUZIONE

- Pompa per acqua a 3 pistoni tuffanti orizzontali, disponibile in 4 versioni.
- Carter simmetrico dotato di fissaggi inferiori e superiori per sporgenza albero a destra o sinistra.
- 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.
- Patent pending, symmetrical power end design featuring top and bottom mounting holes allowing for easy left to right shaft conversion.
- 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 kg	Dimensioni Dimensions mm
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW		
KT16	27	7.2	500	50	7250	1750	36	26,6	40	395x341x212
KT18	29	7.6	500	50	7250	1450	37	27,5	40	395x341x212
	35	9.2	400	40	5800	1750	36	26,6	40	
KT20	36	9.4	400	40	5800	1450	37	27,5	40	395x341x212
	43	11.3	320	32	4640	1750	36	26,6	40	
KT22	43	11.4	320	32	4640	1450	36	26,6	40	395x341x212
	52	13.7	250	25	3625	1750	34	24,8	40	

Portate tecniche con rendimento volumetrico 100% / Volumes are theoretical at 100% volumetric efficiency

OPZIONI TRASMISSIONI - DRIVE OPTIONS

Flangia supporto per azionamenti diretti
Flange for direct drive mount

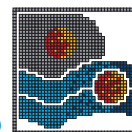


Kit campana e giunto per accoppiamento a motori idraulici SAE J 744 tipo B-B
Bell housing and coupling for SAE J 744 B-B hydraulic motor



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




**FILTRI
FILTERS**
F10

 Alluminio
Aluminium

 10 bar
1 MPa
145 psi
100 l/min
26.4 gpm

200/310 microns

**VALVOLE DI MASSIMA PRESSIONE
MAX PRESSURE SETTING VALVES**
S723

 Ottone
Brass

 700 bar
70 MPa
10150 psi
230 l/min
60.8 gpm

SX2

 Acciaio inox
Stainless steel

 720 bar
72 MPa
10442 psi
190 l/min
50 gpm

**REGOLATORI DI PRESSIONE
REGULATING VALVES**
R1

 Ottone
Brass

R1/200 - R1X/200
200 bar
20 MPa
2900 psi
110 l/min
29 gpm

R1X

 Acciaio inox
Stainless steel

R1/400 - R1X/400
400 bar
40 MPa
5800 psi
110 l/min
29 gpm

R1/600 - R1X/600
600 bar
60 MPa
8700 psi
70 l/min
18.5 gpm

**VALVOLE AUTOMATICHE
UNLOADER VALVES**
H560

 500 bar
50 MPa
7250 psi
60 l/min
15.8 gpm

BKX600

 600 bar
60 MPa
8700 psi
60 l/min
15.8 gpm

**VALVOLE PNEUMATICHE
PNEUMATICALLY OPERATED VALVES**
PN2

 Acciaio inox
Stainless steel

PN2/140

 140 bar
14 MPa
2030 psi
230 l/min
61 gpm

PN2/250

 250 bar
25 MPa
3626 psi
230 l/min
61 gpm

PN2/500

 500 bar
50 MPa
7250 psi
230 l/min
61 gpm

**LANCE COMPLETE
SPRAY GUNS**
P560

 Lunghezza 750/1000mm
Lenght 750/1000mm

 600 bar - 60 MPa - 8700 psi
60 l/min - 15.8 gpm

P560/S

 Lunghezza 750/1000mm
Lenght 750/1000mm

 600 bar - 60 MPa - 8700 psi
60 l/min - 15.8 gpm

UGELLI / NOZZLES
N1

 Acciaio inox
Stainless steel

 Max. 300 bar
Max. 30 MPa
Max. 4350 psi

**ACCUMULATORI ANTIPULSAZIONI
PULSATION DAMPENERS**
A4X

 Volume 0,35 l
Volume 0,35 l

 Acciaio inox
Stainless steel

 Max. 210 bar
Max. 21 MPa
Max. 3045 psi

**MANOMETRI
PRESSURE GAUGES**
PG1 PG2

 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 Gas 1/4"
Connection Gas 1/4"

**VALVOLE NON RITORNO
CHECK VALVES**
UD1

**UD1/5
UD1/02**
250 bar
25 MPa
3650 psi
180 l/min
48 gpm

 Precarica / Load
5 bar - 0,5 MPa - 72 psi
0,2 bar - 0,02 MPa - 3 psi

**SLITTE TENDICINGHIE
SLIDES**
TC-G

 Per installazioni fino a 50 hp/37 kW
For installation up to 50 hp/37 kW

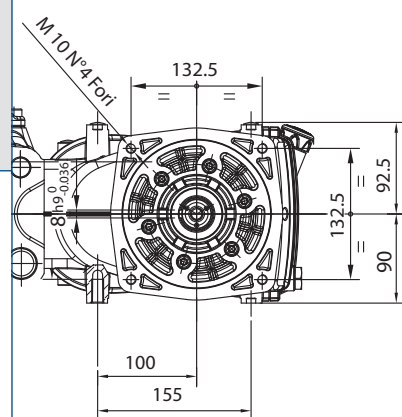
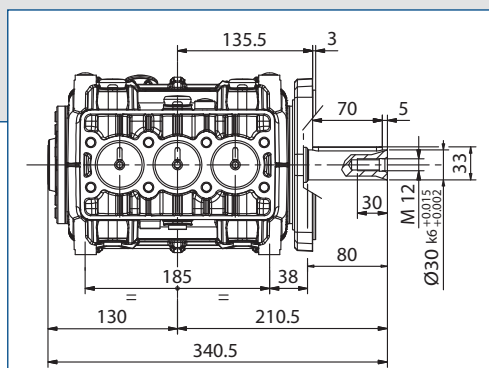
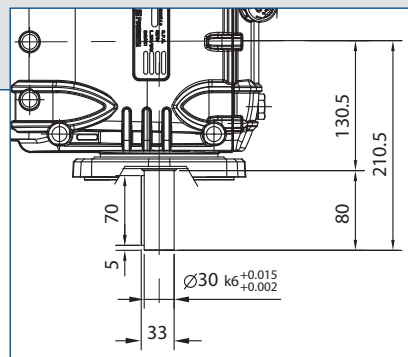
KT_{HP} series 35HP



OPZIONI TRASMISSIONI - DRIVE OPTIONS

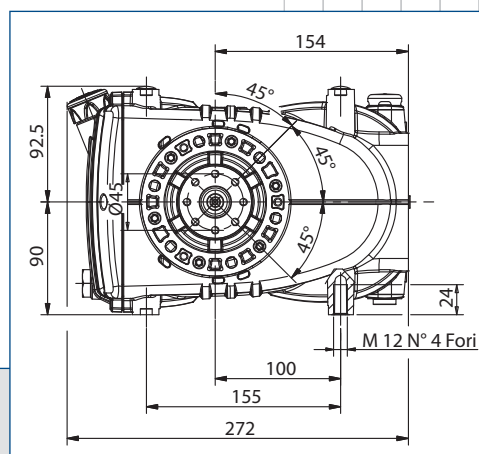
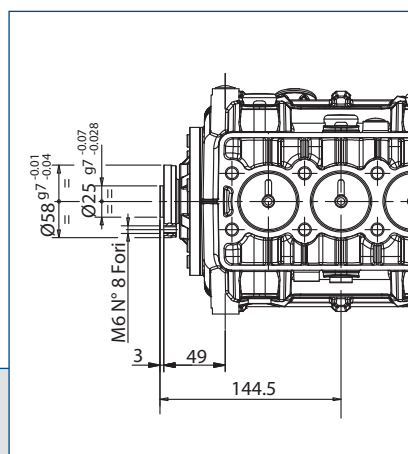
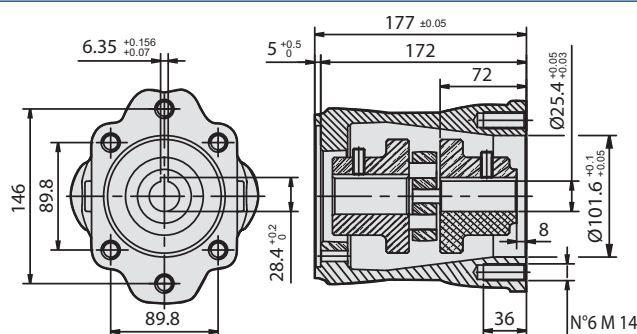
Flangia supporto per azionamenti diretti

Flange for direct drive mount



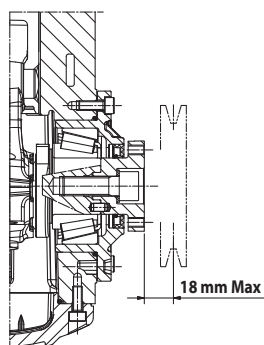
Kit campana e giunto per accoppiamento a motori idraulici SAE J 744 tipo B-B

Bell housing and coupling for SAE J 744 B-B hydraulic motor



Presa di forza ausiliaria

Auxiliary P.T.O.



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).

Cinghie - Pulley / belts

Giunto diretto - Flex joint direct

Coppia max. Max torque (Nm)	Potenza max. Max power (Hp)	rpm
20	2,3	800
	4,1	1450
40	4,6	800
	8,2	1450

DIMENSIONS

Technical drawing of a shaft with the following dimensions:

- 2
- Ø 10
- 30
- M12
- Ø 118 $h8 \begin{smallmatrix} 0 \\ -0.054 \end{smallmatrix}$

