

KF series

50HP

COSTRUZIONE

- Pompa 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 contatto sferico.
- 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.
- 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 kg	Dimensioni Dimensions mm
	l/min	US Gpm	bar	MPa	p.s.i.		hp	kW		
KF 28	93	24.5	210	21	3050	1000	50	37,0	69	526x367x253
KF 30	106	28.0	200	20	2900	1000	55	40,0	69	526x367x253
KF 36	122	32.2	160	16	2300	800	50	37,0	69	526x367x253
	137	36.2	140	14	2050	900	50	37,0	69	526x367x253
	153	40.0	130	13	1900	1000	52	38,2	69	526x367x253
KF 40	170	45.0	110	11	1600	900	49	36,0	69	526x367x253

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 C
Bell housing and coupling
for SAE J 744 C hydraulic motor



Riduttore
Gearbox



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

VERSIONI A RICHIESTA SPECIALIZED PUMPS

Per specifiche tecniche vedi catalogo
POMPE PER APPLICAZIONI DEDICATE
Specialized pumps (see SPECIALIZED PUMPS CATALOGUE)



71.SS version

Versioni inox AISI 316 L
Portate: standard
Pressione max:
fino a 200 bar
(SS7193 - SS71106)
Temp. max: 85 °C

AISI 316 L versions
Flow rate: standard
Pressure:
max up to 200 bar (2900
psi)(SS7193 - SS71106)
Water temp: max 85°C

71.SN version

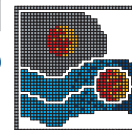
Versioni inox AISI 420
Portate e pressioni
standard
Temp. max: 85 °C

AISI 420 versions
Standard volume and
pressure ratings
Water temp: max 85°C

KF40M

Per fanghi e liquidi densi
For light muds and
dense liquids





ACCESSORI - ACCESSORIES

FILTRI FILTERS

F30

Polipropilene
Polypropylene

170/365
microns



8 bar
0,8 MPa
120 psi
230 l/min
61 gpm

VALVOLE AUTOMATICHE UNLOADER VALVES

RA2

Ottone
Brass



210 bar
21 MPa
3050 psi
230 l/min
61 gpm

RA2L

Ottone / Con
leva di bypass
Brass / With
bypass level



210 bar
21 MPa
3050 psi
230 l/min
61 gpm

REGOLATORI DI PRESSIONE REGULATING VALVES

R2

Ottone
Brass



210 bar
21 MPa
3050 psi
230 l/min
61 gpm

R2L

Ottone / Con
leva di bypass
Brass / With
bypass level



210 bar
21 MPa
3050 psi
230 l/min
61 gpm

R1X

Acciaio
inox
Stainless
steel



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

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

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

VALVOLE DI MASSIMA PRESSIONE MAX PRESSURE SETTING VALVES

SV2

Ottone
Brass



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

SX2

Acciaio inox
Stainless steel



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

VALVOLE PNEUMATICHE PNEUMATICALLY OPERATED VALVES

PNR2



210 bar
21 MPa
3050 psi
230 l/min
61 gpm

Ottone
Brass

PNRA2



210 bar
21 MPa
3050 psi
230 l/min
61 gpm

Ottone
Brass

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

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

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



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

ACCUMULATORI ANTIPULSAZIONI PULSATION DAMPENERS

A7

Volume 0,7 l
Volume 0,7 l
Acciaio forgiato
Forged steel



Max. 210 bar
Max. 21 MPa
Max. 3050 psi

A7S

Volume 0,75 l
Volume 0,75 l
Acciaio forgiato
Forged steel



Max. 350 bar
Max. 35 MPa
Max. 5075 psi

A7X

Volume 0,7 l
Volume 0,7 l
Acciaio inox
Stainless steel



Max. 150 bar
Max. 15 MPa
Max. 2150 psi

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

SLITTE TENDICINGHIE SLIDES

TC-G



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

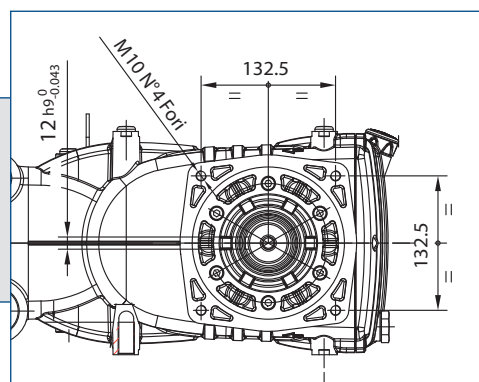
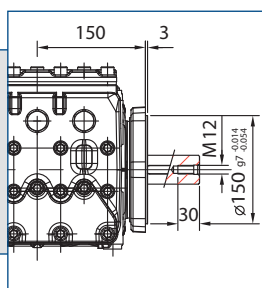
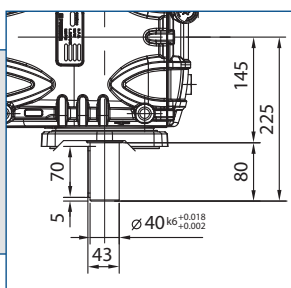
KF series 50HP



OPZIONI TRASMISSIONI - DRIVE OPTIONS

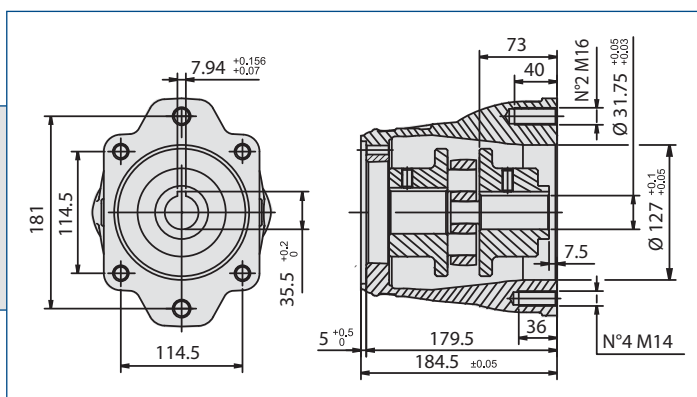
**Flangia supporto
per azionamenti
diretti**

*Flange for direct
drive mount*



**Kit campana e giunto per accoppiamento
a motori idraulici SAE J 744 tipo C**

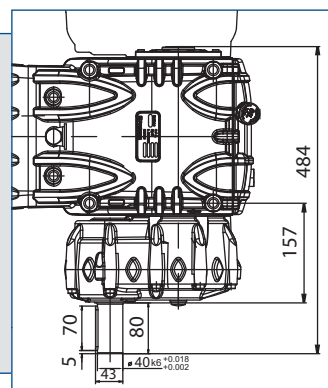
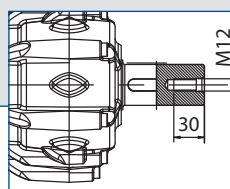
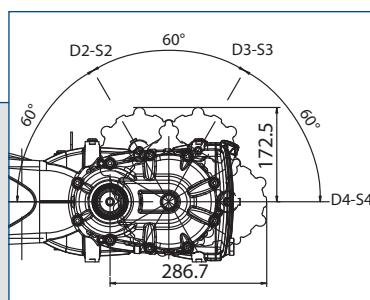
*Bell housing and coupling for
SAE J 744 C hydraulic motor*

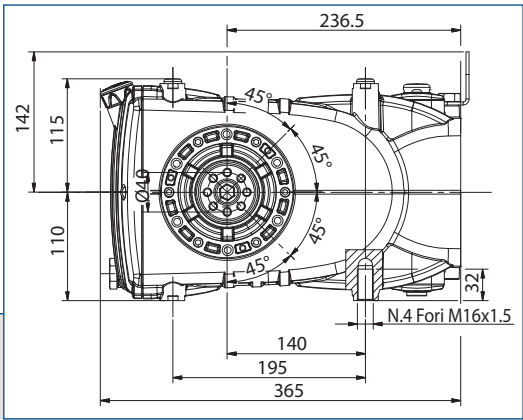
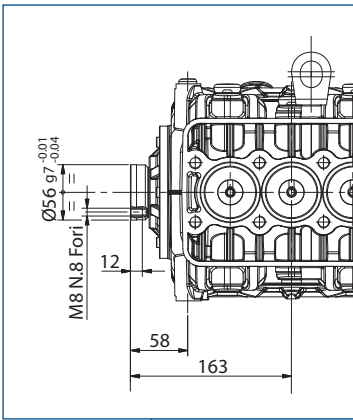


Riduttore / Gearbox

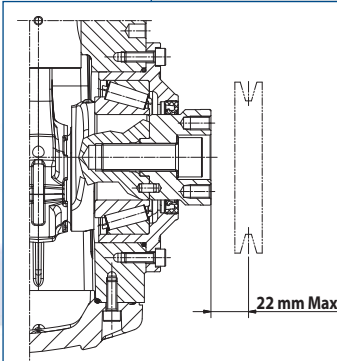
Le pompe KF sono disponibili su richiesta con riduttore di giri laterale. Il riduttore è disponibile in 3 rapporti ed installabile a dx o sx della pompa in 4 differenti posizioni. Rapporti di riduzione: R=1,25:1 - R=1,50:1 - R=1,83:1

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





Presa di forza ausiliaria
Auxiliary P.T.O.



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	750
		7,4	800
		8,3	900
		9,3	1000
Giunto diretto - Flex joint direct	130	14,0	750
		14,8	800
		16,6	900
		18,6	1000

DIMENSIONI D'INGOMBRO - OVERALL DIMENSIONS

