

HF series

50HP



COSTRUZIONE

- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 3 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 con sistema di flussaggio tenute.**

CONSTRUCTION

- *Triplex plunger pump, available in 3 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		
HF 18	30	8.1	600	60	8700	800	48	35,5	63	507x367x240
	38	10.1	500	50	7250	1000	50	36,8	63	507x367x240
HF 20	47	12.4	400	40	5800	1000	50	36,8	63	507x367x240
HF 22	57	15.0	350	35	5075	1000	50	36,8	63	507x367x240
HF 25	74	19.4	280	28	4060	1000	53	39,0	63	507x367x240

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

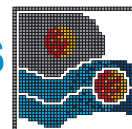
Per specifiche tecniche
vedi catalogo POMPE PER APPLICAZIONI DEDICATE
Specialized pumps
(see *SPECIALIZED PUMPS CATALOGUE*)

HFN 25

Versioni inox DUPLEX ASTM F51 - Valvole inox 17/4PH
Portate e pressioni : standard

DUPLEX steel ASTM F51 - 17/4PH s.s. valves
Standard flow and pressure rating





ACCESSORI - ACCESSORIES

FILTRI FILTERS

■ F10

Alluminio
Aluminium

200/310
microns



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

■ F30

Polipropilene
Polypropylene

170/365
microns



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

VALVOLE DI MASSIMA PRESSIONE MAX PRESSURE SETTING VALVES

■ SV2

Ottone
Brass



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

■ S3

Ottone
Brass



700 bar
70 MPa
10000 psi
100 l/min
26.4 gpm

■ SX2

Acciaio inox
Stainless steel



720 bar
72 MPa
10442 psi
190 l/min
50 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

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 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

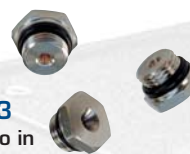
Acciaio inox
Stainless steel



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

■ N3

Inserto in
zaffiro
Sapphire orifice



N3/0
Max. 1000 bar
Max. 100 MPa
Max. 14500 psi

N3/30
Max. 500 bar
Max. 50 MPa
Max. 7250 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

UGELLO ROTANTE ROTATING NOZZLE

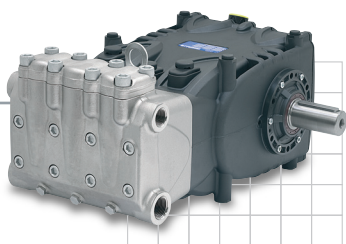
■ ROTOMAX 750

Acciaio inox
Stainless steel



750 bar - 75 MPa - 11000 psi
50 l/min - 13.2 gpm

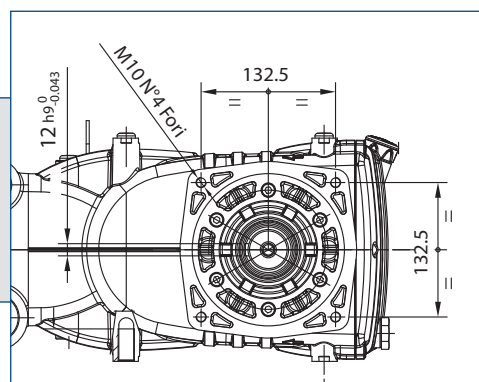
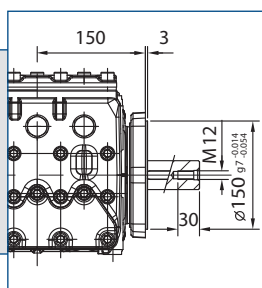
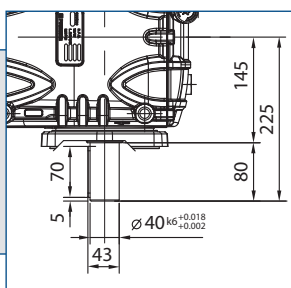
HF series 50HP



OPZIONI TRASMISSIONI - DRIVE OPTIONS

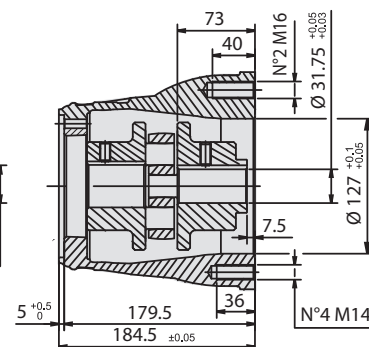
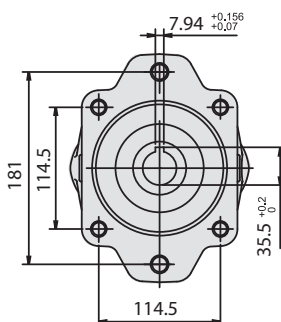
**Flangia supporto
per azionamenti
diretti**

*Flange for direct
drive mount*



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

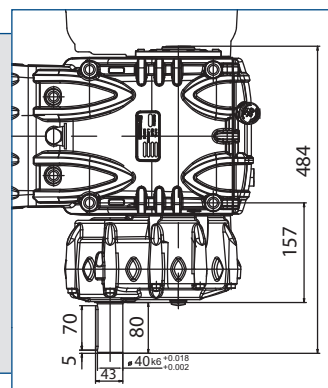
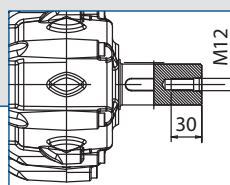
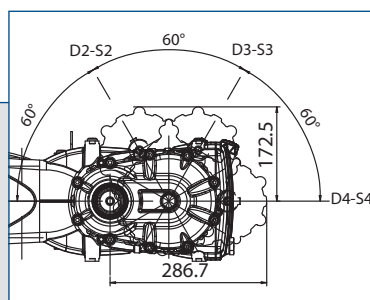
*Bell housing and coupling for
SAE J 744 C hydraulic motor*

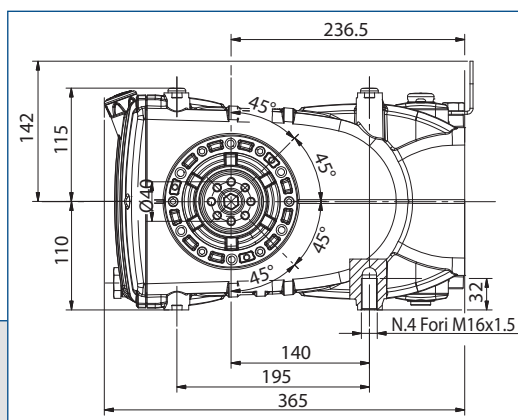
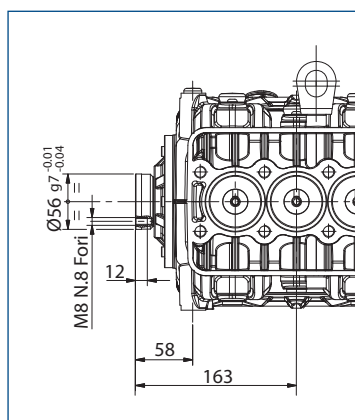


Riduttore / Gearbox

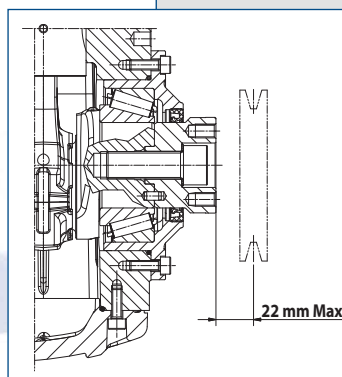
Le pompe HF sono disponibili su richiesta con riduttore di giri laterale. Il riduttore è disponibile in 3 rapporti ed installabile a dx o sx della pompa in 4 differenti posizioni. Rapporti di riduzione: R=1,25:1 - R=1,50:1 - R=1,83:1

HF 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).

Cinghie - Pulley / belts

Giunto diretto - Flex joint direct

Coppia max. Max torque (Nm)	Potenza max. Max power (Hp)	rpm
65	7,0	750
	7,4	800
	8,3	900
	9,3	1000
130	14,0	750
	14,8	800
	16,6	900
	18,6	1000

DIMENSIONI D'INGOMBRO - OVERALL DIMENSIONS

