

HF series

50HP



CONSTRUZIONE

- 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

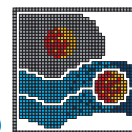
VERSIONI A RICHIESTA SPECIALIZED PUMPS

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*




**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**
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

**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

 Attacco Gas 1/4"
Connection Gas 1/4"

 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

**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

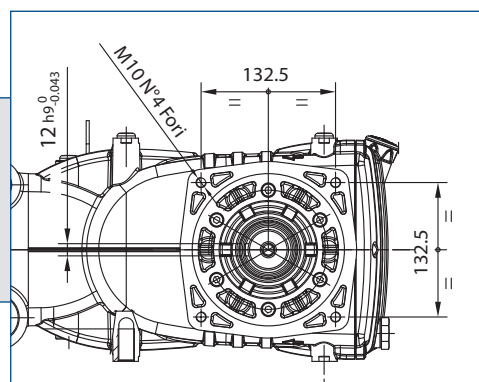
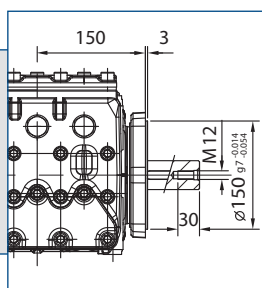
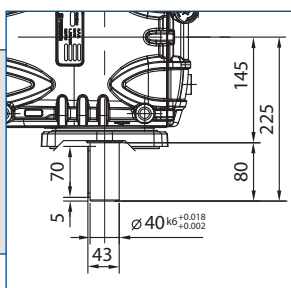
HF series 50HP



OPZIONI TRASMISSIONI - DRIVE OPTIONS

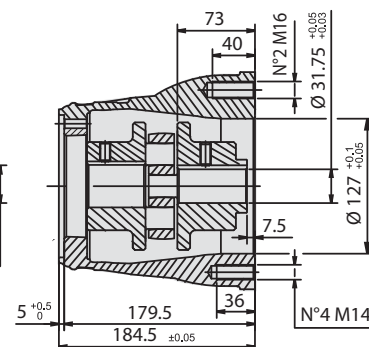
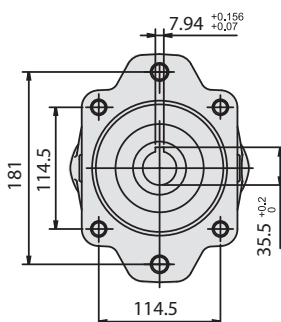
**Flangia supporto
per azionamenti
diretti**

*Flange for direct
drive mount*



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

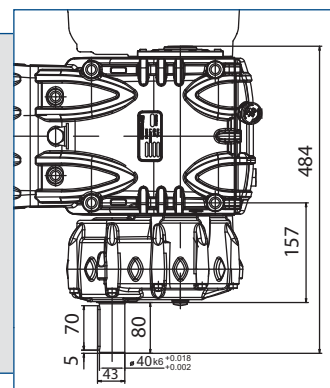
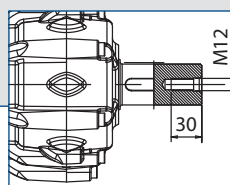
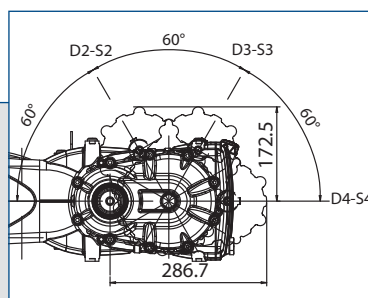
*Bell housing and coupling for
SAE J 744 C hydraulic motor*

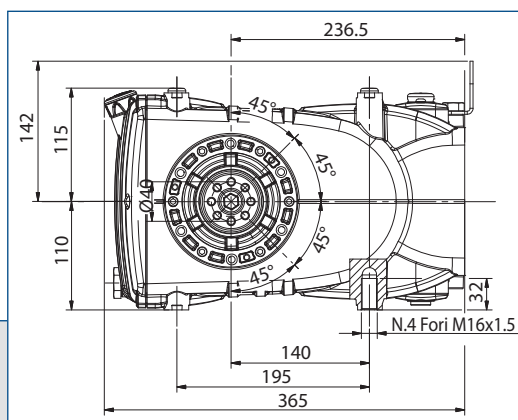
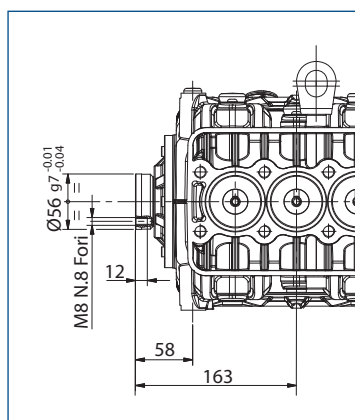


Riduttore / Gearbox

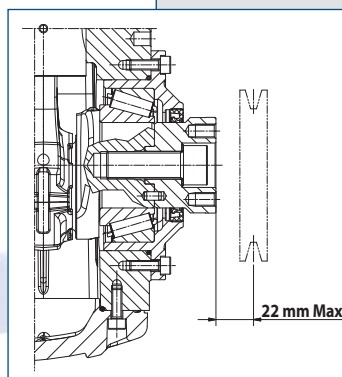
Le pompe HF sono disponibili su richiesta con riduttore di giri laterale. Il riduttore è disponibile in 3 rapporti ed installabile a dx o sx della pompa in 4 differenti posizioni. Rapporti di riduzione: R=1,25:1 - R=1,50:1 - R=1,83:1

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

