

VF series

50HP



COSTRUZIONE

- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 2 versioni.
- Carter simmetrico dotato di fissaggi inferiori e superiori per sporgenza albero a destra o sinistra.
- Sistema di raffreddamento pistoni e guarnizioni di pressione.
- Valvole aspirazione mandata a disposizione coassiale.
- Lubrificazione a sbattimento.

CONSTRUCTION

- Triplex plunger pump, available in 2 versions.
- Patent pending, symmetrical power end design featuring top and bottom mounting holes allowing for easy left to right shaft conversion.
- Pressure packing integrated cooling system.
- Horizontally fitted in-line valves.
- Splash lubrication.

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		
VF 12	12,5	3.3	1500	150	21750	750	50	36,8	63	607x384x237
	15	4.0	1200	120	17500	900	50	36,8	63	607x384x237
VF 14	17	4.5	1100	110	16000	750	50	36,8	63	607x384x237
	23	6.0	800	80	11600	1000	50	36,8	63	607x384x237

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



Riduttore
Gearbox



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



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





**FILTRI
FILTERS**

■ **F50/80**

Acciaio inox
Stainless steel

Doppia cartuccia
Double cartridge

5/100
microns

10 bar - 1 MPa - 145 psi
40 l/min - 10.5 gpm



**DISTRIBUTORI PNEUMATICI
PNEUMATIC DUMPING VALVES**

■ **PN12**

Acciaio inox
Stainless steel

1500 bar
150 MPa
21755 psi
80 l/min
21 gpm



■ **PN14**

Acciaio inox
Stainless steel

PN14/800
800 bar
80 MPa
11600 psi
120 l/min
32 gpm

PN14/1500
1500 bar
150 MPa
21755 psi
80 l/min
21 gpm



**MANOMETRI
PRESSURE GAUGES**

■ **PG3**

Attacco Gas 1/2"
Connection Gas 1/2"



0-1000 bar
0-100 MPa

0-1600 bar
0-160 MPa

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

■ **S1503**

1800 bar
180 MPa
26100 psi
30 l/min
7.9 gpm



Acciaio inox
Stainless steel

**REGOLATORI DI PRESSIONE
REGULATING VALVES**

■ **R1510**

1500 bar
150 MPa
21755 psi
100 l/min
26.4 gpm



Acciaio inox
Stainless steel

**VALVOLE PNEUMATICHE
PNEUMATICALLY OPERATED VALVES**

■ **PNR1510**

Acciaio inox
Stainless steel

1500 bar
150 MPa
21755 psi
100 l/min
24.4 gpm



**LANCIA COMPLETA
SPRAY GUN**

■ **P15** Servo assistita
Servo assisted

Scarico libero
Dump gun

1500 bar
150 MPa
21755 psi
40 l/min
10.6 gpm



**UGELLI ROTANTI
ROTATING NOZZLES**

■ **RMAX 750**

Acciaio inox
Stainless steel

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



■ **RMAX 1500**

Acciaio inox
Stainless steel

1500 bar - 150 MPa - 21755 psi
42 l/min - 11 gpm



**VALVOLE A PEDALE
FOOT VALVES**

■ **VP12**

1500 bar
150 MPa
21755 psi
80 l/min
21 gpm



UGELLI / NOZZLES

■ **N3**

Inserto in zaffiro
Sapphire orifice

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

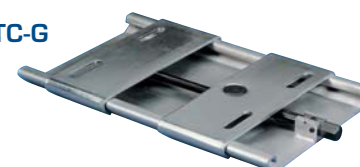
N3/30
Max. 500 bar
Max. 50 MPa
Max. 7250 psi



**SLITTE TENDICINGHIE
SLIDES**

■ **TC-G**

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



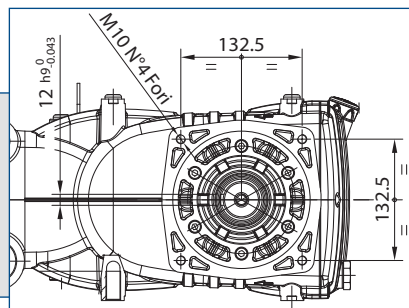
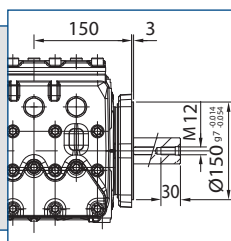
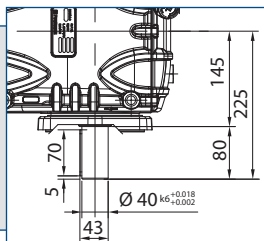
VF series 50HP



OPZIONI TRASMISSIONI - DRIVE OPTIONS

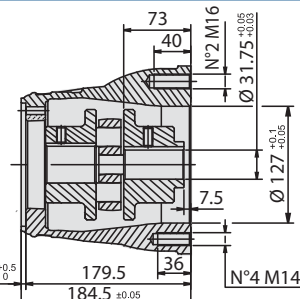
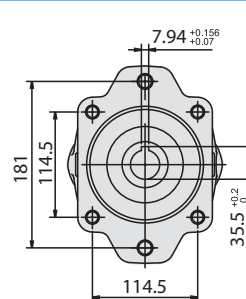
Flangia supporto per azionamenti diretti

*Flange for direct
drive mount*



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

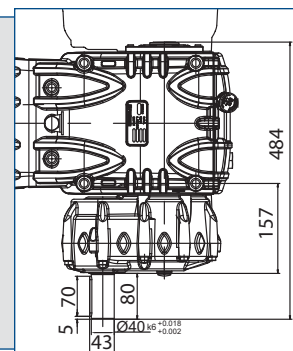
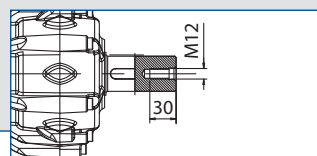
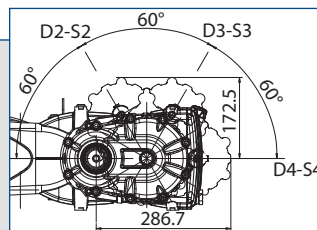
*Bell housing and coupling for
SAE J 744 C hydraulic motor*



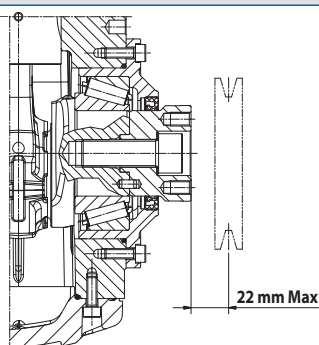
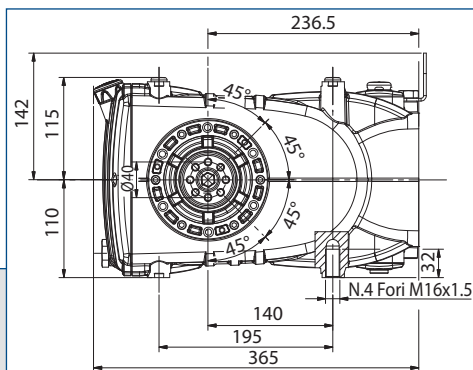
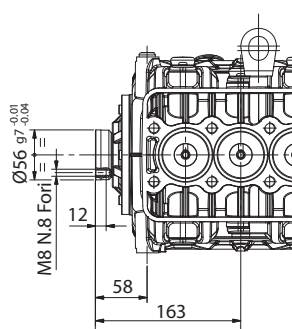
Riduttore / Gearbox

Le pompe VF 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

VF 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.



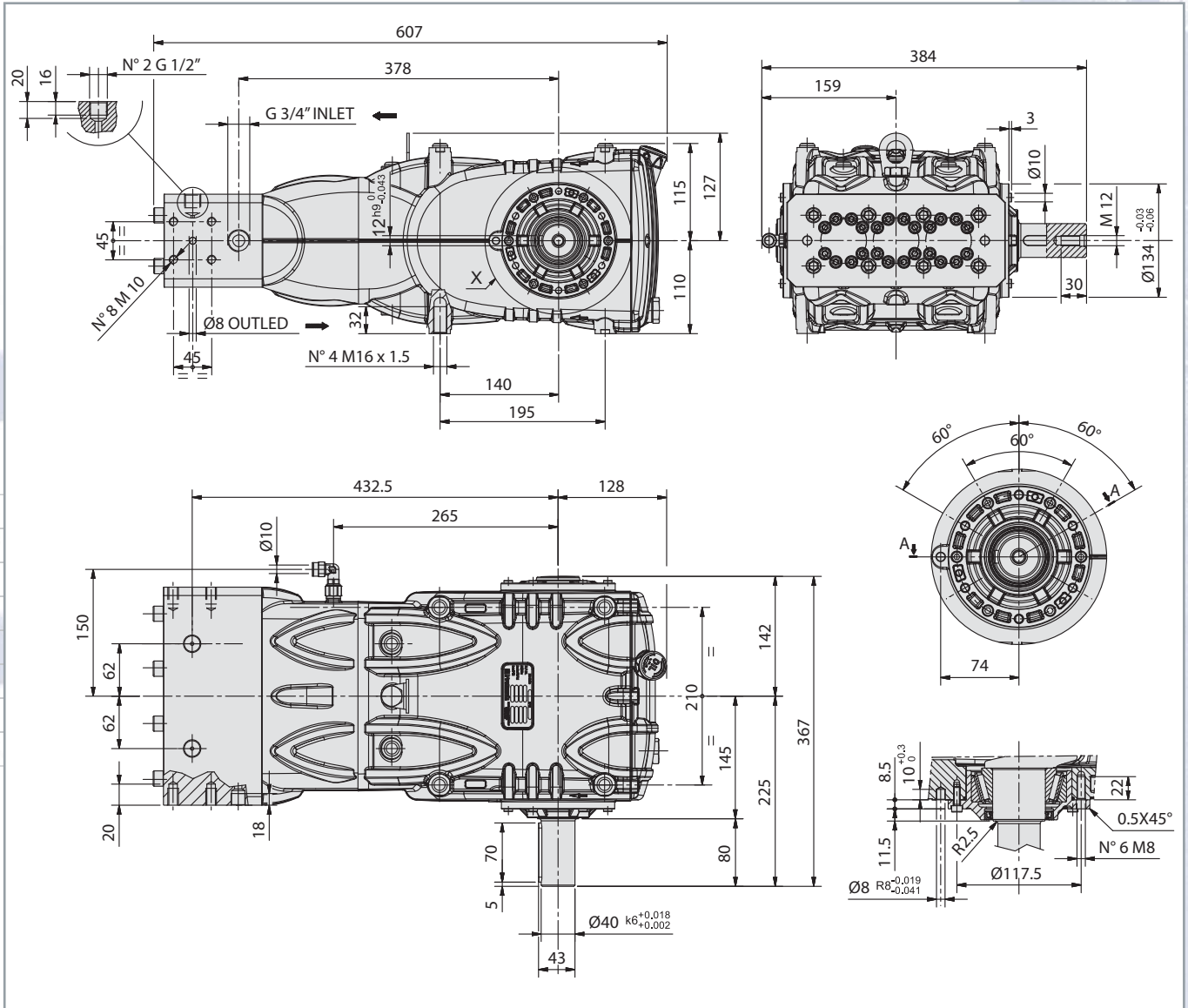
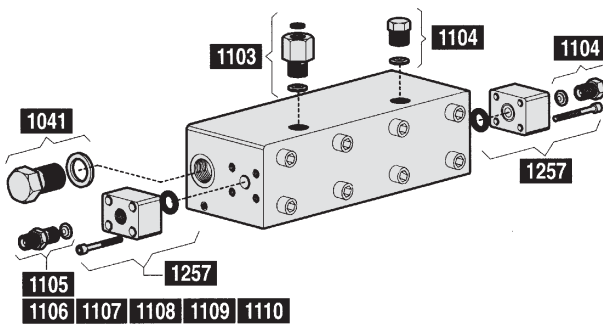
La coppia max è prelevabile anche con pompa a pieno carico (50 hp sulla presa primaria).
Max. torque is available also with pump at full load (50 hp at the primary shaft).

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

**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