

INOXIHP
ABOUT USING WATER



PF 150

Reciprocating Horizontal
Triplex Plunger Pumps



PF 150



General features

- Compact dimension
- Splash lubrication and oil level switch
- Easy maintenance
- Low maintenance costs
- Internal reduction gear
- Self-adjusting seal packing
- Available with carbon steel or stainless steel hydraulic head

Accessories

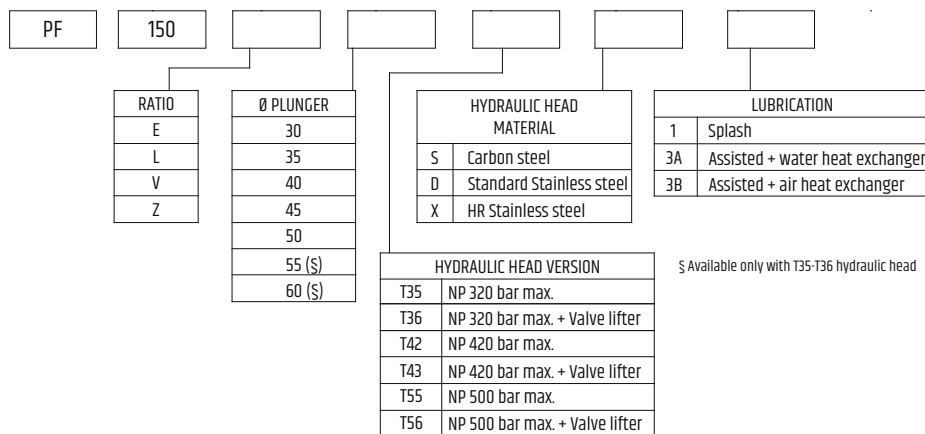
- Valve lifter controlled by means of pneumatic solenoid
- Regulating pressure valve
- Unloading valve
- Pressure-relief valve
- HP check valve
- Suction and/or delivery gauge
- Low and high pressure switches
- Lubrication system with oil filtration circuit + heat exchanger
- Simplex or duplex suction filter
- Manifold groups for suction/delivery

Applications

- Descaling system
- Disk saw cooling
- Hydrostatic bearing lubrication
- Press drive
- Hydraulic testing
- Coal mining
- Industrial cleaning
- Spunlace
- Deburring

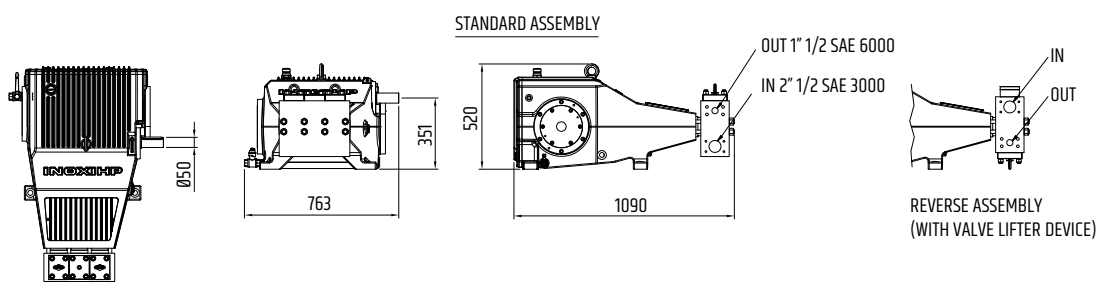
Identification code

see tables on the next page >>>



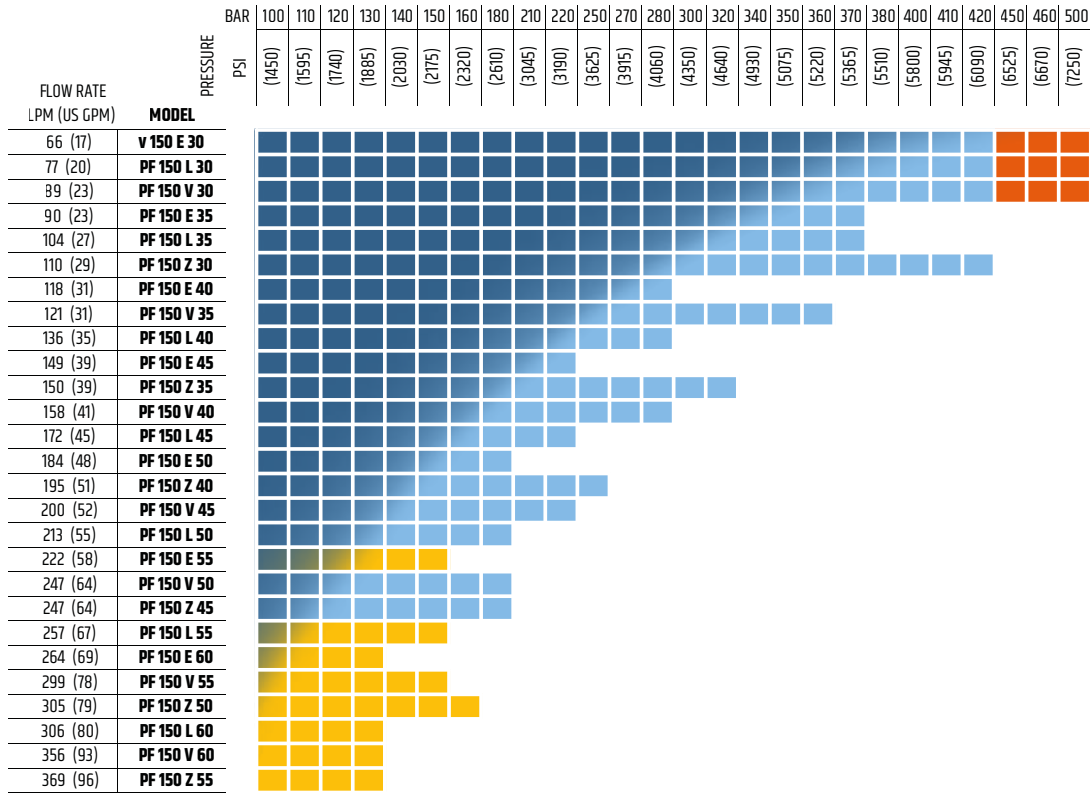
Dimensions

Dimensions are referred to hydraulic head T35
Weight: kg 630



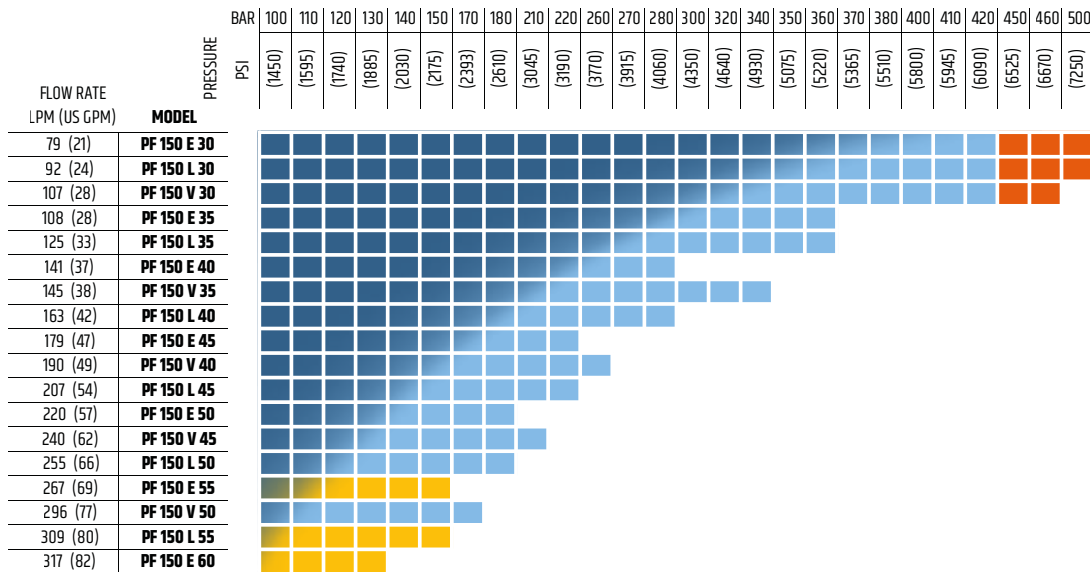
Selection Diagram

PF 150 - 50 Hz 4 POLES ELECTRIC MOTOR (1500 RPM) - MAX ABSORBED POWER 90 KW



MAIN SHAFT SPEED Gear ratio E → 328 RPM Gear ratio L → 380 RPM Gear ratio V → 441 RPM Gear ratio Z → 545 RPM

PF 150 - 60 Hz 4 POLES ELECTRIC MOTOR (1800 RPM) - MAX ABSORBED POWER 90 KW



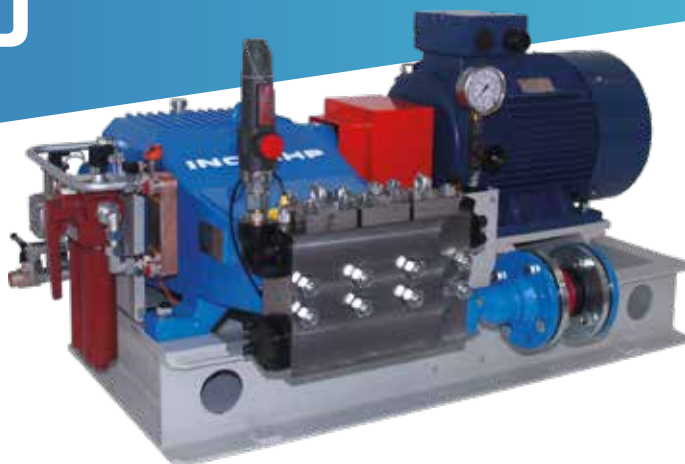
MAIN SHAFT SPEED Gear ratio E → 394 RPM Gear ratio L → 456 RPM Gear ratio V → 529 RPM

■ Also covered by smaller pump models
 ■ T35/T36 Hydraulic head
 ■ T42/T43 Hydraulic head
 ■ T55/T56 Hydraulic head

1 MPa = 10 bar. The pump performances are referred to a volumetric efficiency of 100% and a mechanical efficiency of 89%, with water at 20°C. Input speed range 900-1800 r.p.m. For performances and uses other than the ones listed in this catalogue, please contact INOXIHP technical office for assistance.

Pumping Group

PF 150



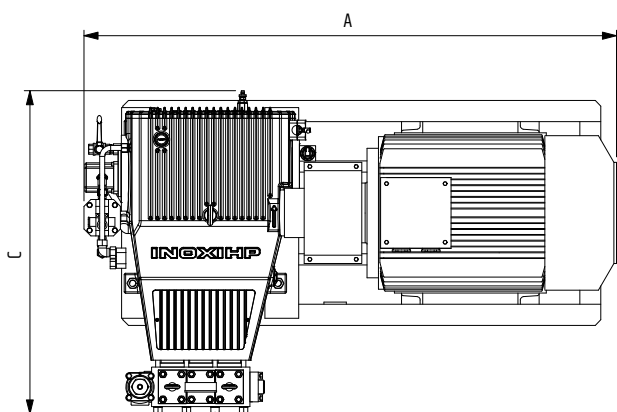
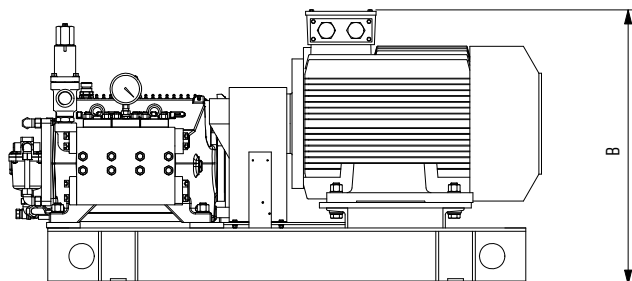
Composed of

- Pump PF 150 with splash or assisted lubrication complete with delivery pressure gauge and flanges
- Electric motor
- Safety valve
- Coupling with cover
- Frame
- Suction pressure switch

Options

- Manifold groups for suction/delivery
- Junction box
- Suction filters simplex or duplex with/without clogging detection sensor
- Valve lifter controlled by means of pneumatic solenoid
- HP check valve
- Low and high pressure switches
- Simplex or duplex suction filter

Dimensions



POWER (kW)	DIMENSIONS (mm)			WEIGHT (kg)
	A	B	C	
37	1655	936	1150	1125
45	1685	936	1150	1160
55	1750	936	1150	1230
75	1845	971	1150	1420
90	1875	971	1150	1550



These pump and pumping group model are EAC certified



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