

INOXIHP
ABOUT USING WATER



PF 1500

Reciprocating Horizontal
Quintuplex Plunger Pumps



PF 1500



General features

- Compact dimension
- Double forced lubrication system
- Easy maintenance
- Low maintenance costs
- Internal double reduction gears with helical gears
- Pinion shaft can be placed on either side of the pump
- Self-adjusting seal packing
- Pumping package cooling system
- Available with carbon steel or stainless steel hydraulic head
- Low vibration
- Constant hydraulic flow with minimal pulsation

Accessories

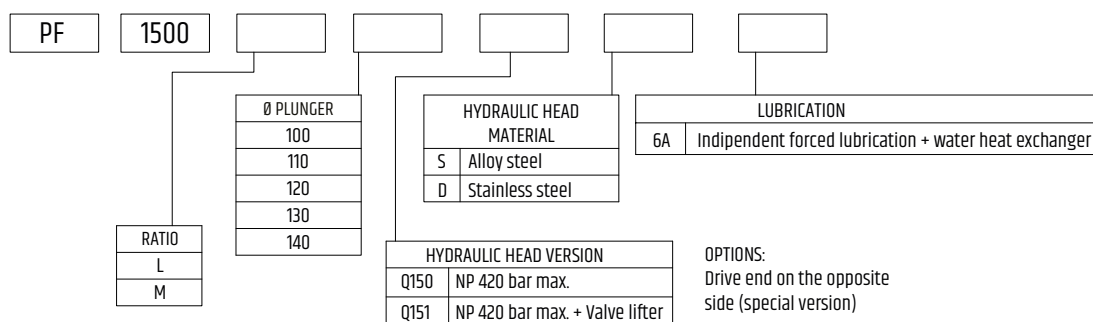
- Synchronizer valve lifter controlled by means of pneumatic solenoid
- Regulating pressure valve
- Unloading valve
- Pressure-relief valve
- HP check valve
- Suction and/or delivery gauge
- Low and high pressure switches
- Simplex or duplex suction filter
- Manifold groups for suction/delivery

Applications

- Descaling system
- Hydrostatic bearing lubrication
- Press drive
- Hydraulic testing
- Coal mining
- Industrial cleaning
- Spunlace
- Deburring
- Jet grouting
- Mud
- Well service

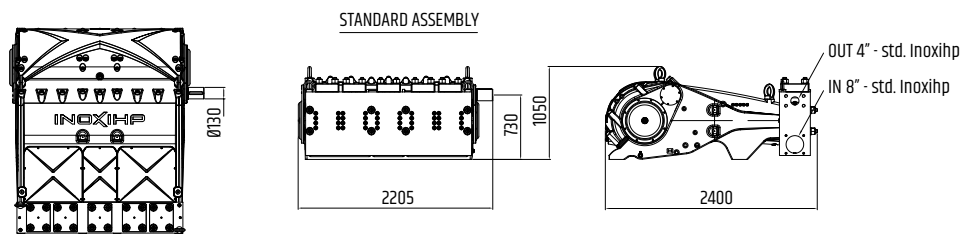
Identification code

see tables on the next page > > >



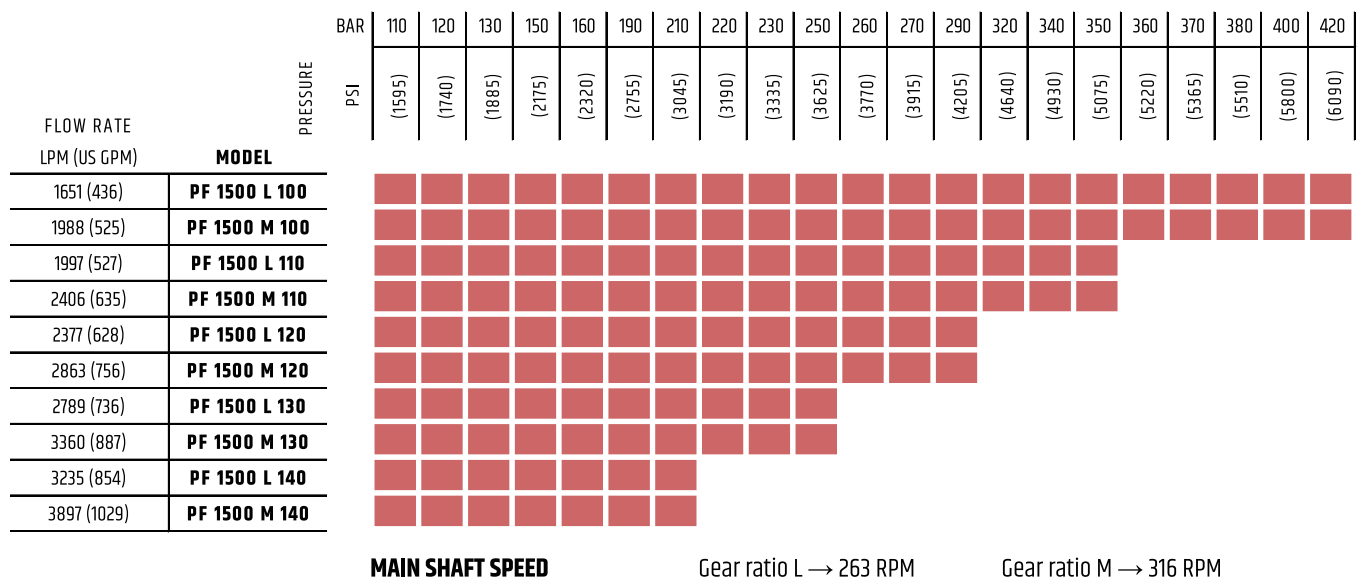
Dimensions

Weight: kg 12000

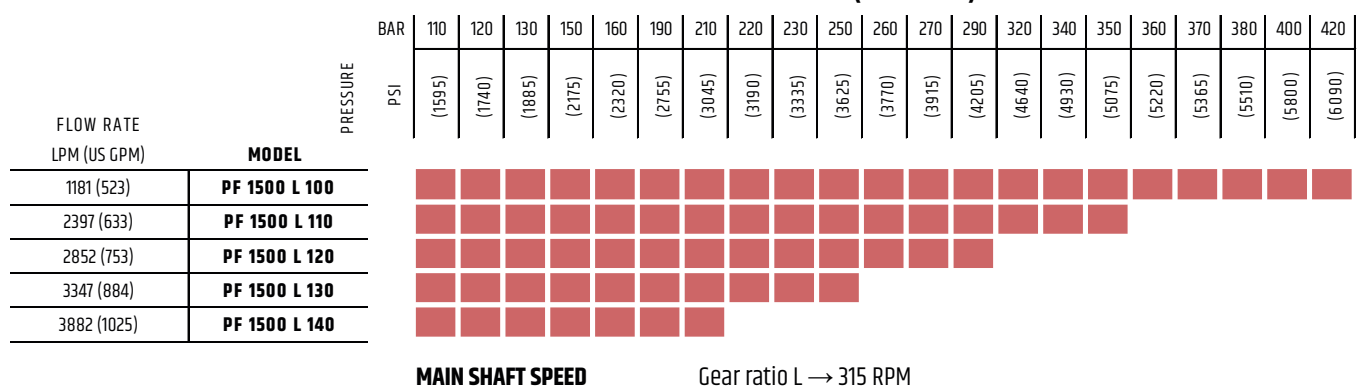


Selection Diagram

PF 1500 - 50 Hz 4 POLES ELECTRIC MOTOR (1500 RPM) - MAX ABSORBED POWER 1500 kW



PF 1500 - 60 Hz 4 POLES ELECTRIC MOTOR (1800 RPM) - MAX ABSORBED POWER 1500 kW



Q150/Q151 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 1500



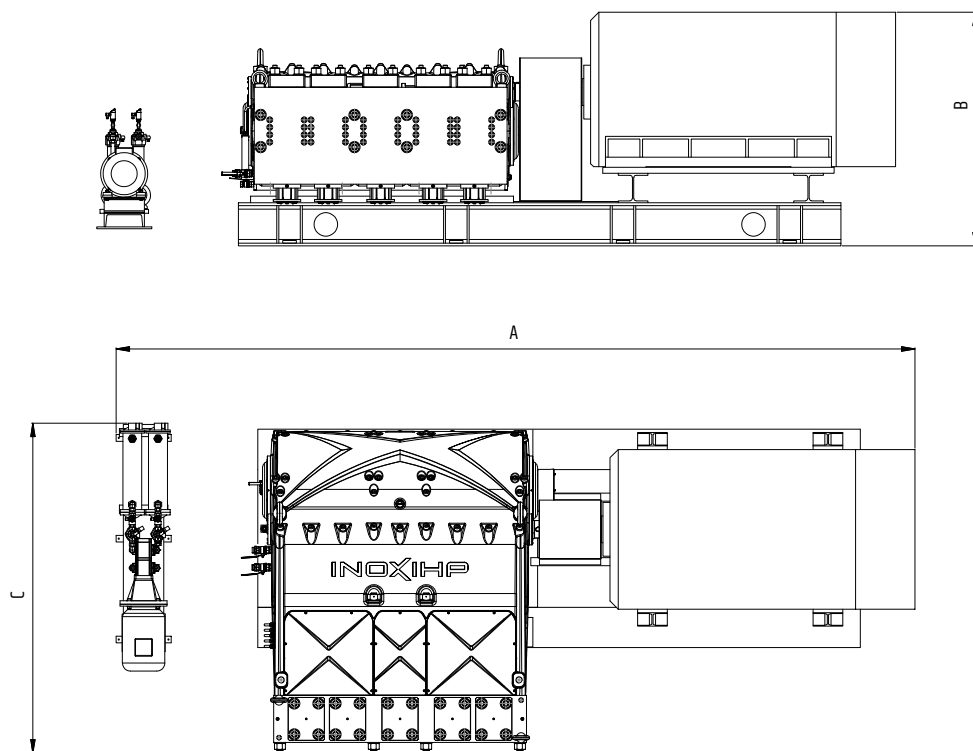
Composed of

- Pump PF 1500 with double forced lubrication complete with pressure
- Temperature and oil level switches
- Electric motor
- Safety valve
- Coupling with cover
- Delivery pressure gauge
- Frame
- Suction pressure switch
- Flanges

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	
1500	5940	1740	2450	24000



These pump and pumping group model are EAC certified



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