

INOXIHP
ABOUT USING WATER



PF 190

Reciprocating Horizontal
Triplex Plunger Pumps

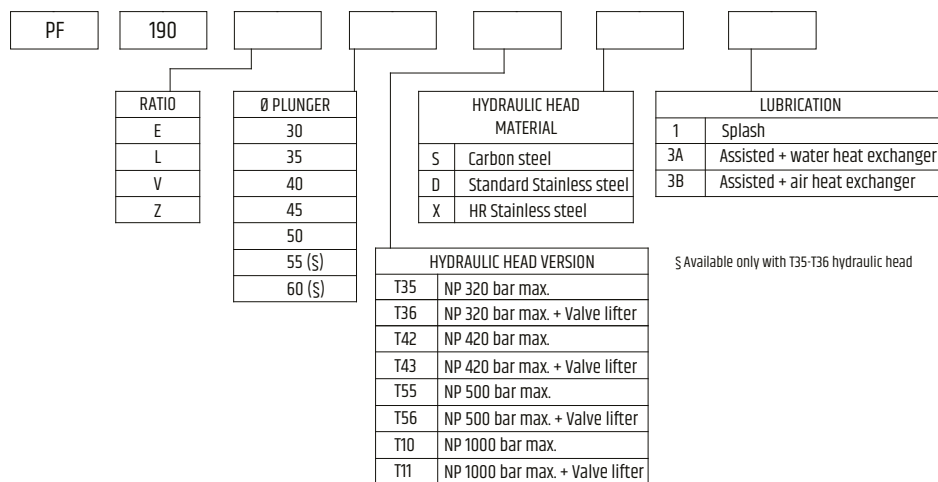


- Compact dimension
- Lubrication system with oil filtration circuit + heat exchanger
- Easy maintenance
- Low maintenance costs
- Internal reduction gear
- Self-adjusting seal packing
- Available with carbon steel or stainless steel hydraulic head

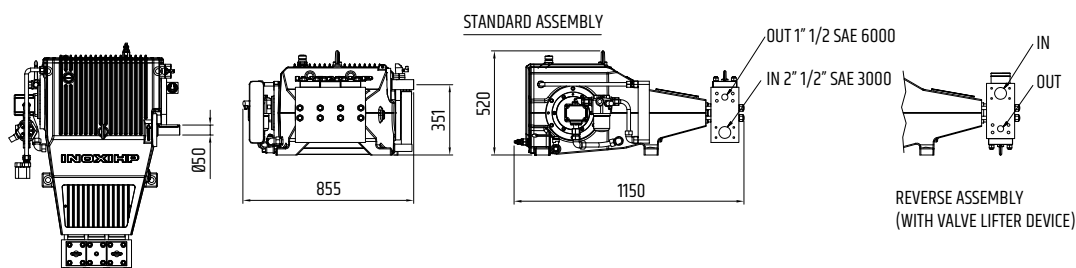
- Valve lifter controlled by means of pneumatic solenoid
- Regulating pressure valve
- Unloading valve
- Pressure-relief valve
- HP check valve
- Suction and/or delivery gauge
- Low and high pressure switches
- Simplex or duplex suction filter
- Manifold groups for suction/delivery

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

see tables on the next page >>>

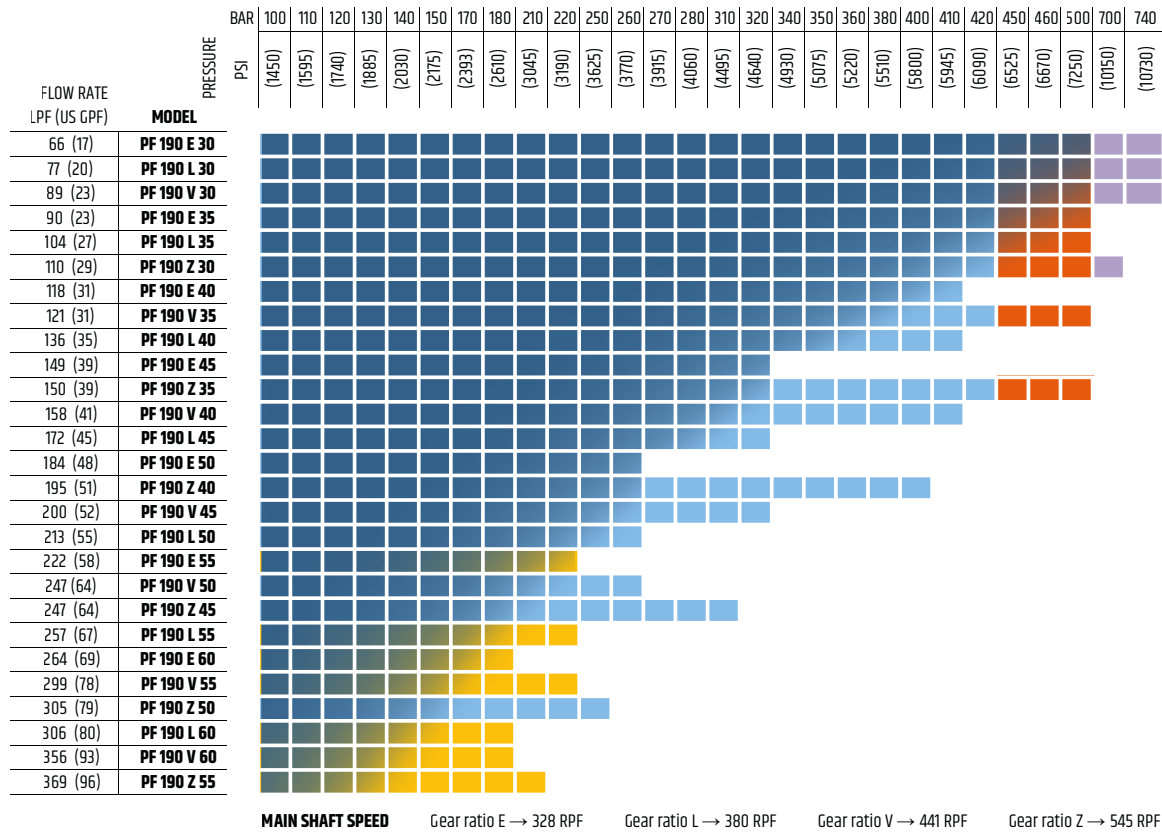


Dimensions are referred to hydraulic head T35
Weight: kg 660

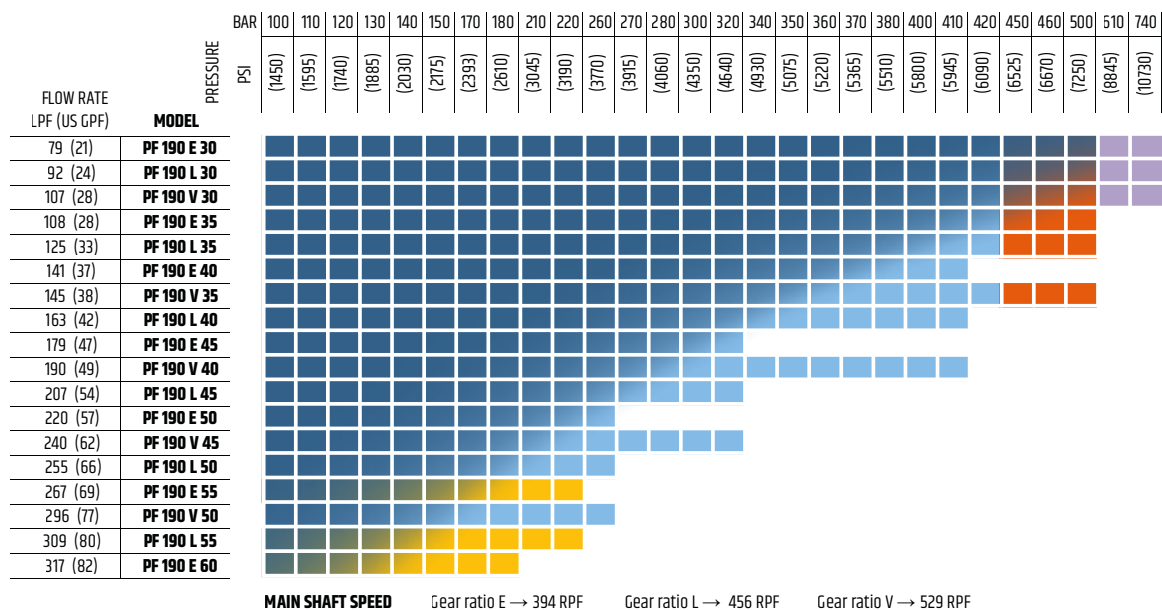


Selection Diagram

PF 190 - 50 Hz 4 POLES ELECTRIC MOTOR (1500 RPF) - MAX ABSORBED POWER 145 kW



PF 190 - 60 Hz 4 POLES ELECTRIC MOTOR (1800 RPF) - MAX ABSORBED POWER 145 kW



Also covered by smaller pump models T35/T36 Hydraulic head T42/T43 Hydraulic head T55/T56 Hydraulic head T10/T11 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 190



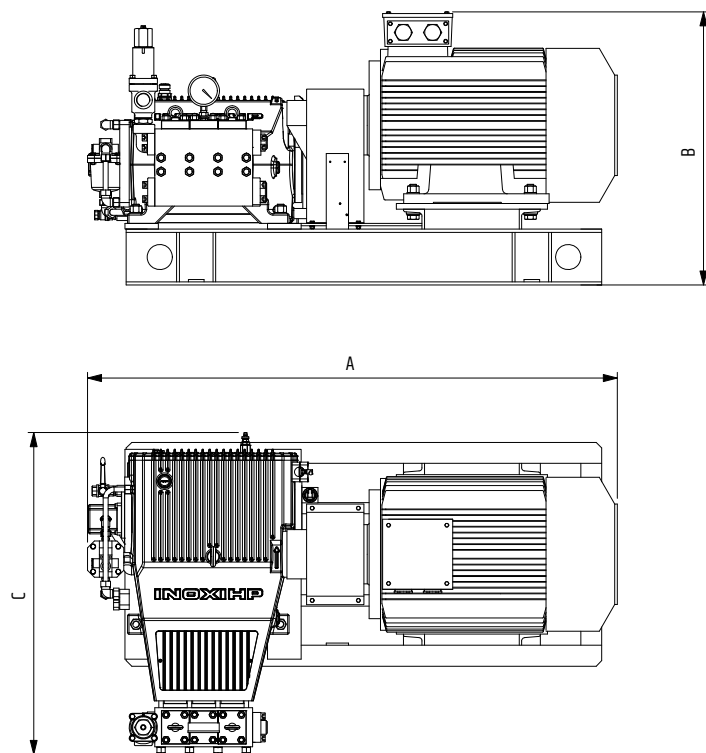
Composed of

- Pump PF 190 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
110	2110	1101	1150	1910
132	2140	1101	1150	2000
160	2140	1101	1150	2060



These pump and pumping group model are EAC certified



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