

151150 E



PF 150 Series



**ABOUT
USING
WATER**

Reciprocating Horizontal Triplex Plunger Pumps



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =



PF 150 Series

Plunger Pumps

PF 150 series horizontal triplex plunger pumps, are designed for pumping high pressure water, water emulsion and other fluids.*

Thanks to their high reliability, PF 150 have applications in industrial areas demanding continuous running such as:

- steel industry (hot rolling mill...)
- metallurgical industry (forging, moulding and extrusion presses...)
- manufacturing industry (rubber, wood, thermosetting...)
- metal working and piping industry (hydraulic tests...)

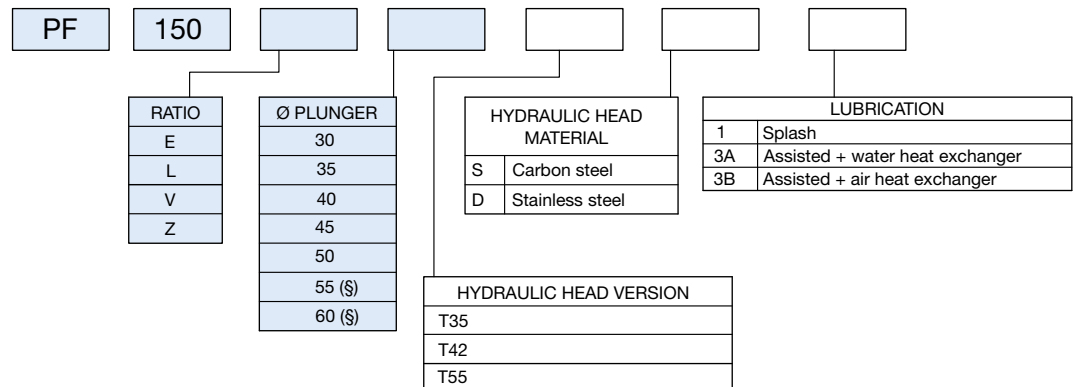
General characteristics

- compact dimensions
- 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

Options

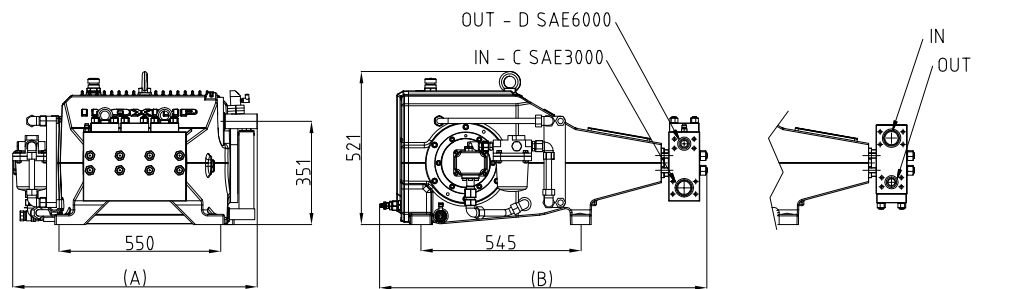
- valve lifter controlled by means of pneumatic solenoid
- unloading valve
- over-pressure valve
- HP check valve
- suction and/or delivery gauge
- low and high pressure switches
- lubrication system with oil filtration circuit + heat exchanger

Identification code (see tables on the next page)



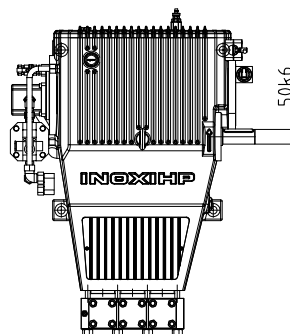
§ Available only with T35 hydraulic head

Dimensions



STANDARD ASSEMBLY

REVERSE ASSEMBLY (WITH VALVE LIFTER DEVICE)



	HYDRAULIC HEAD	
	T42	T35
A	763mm ⁽¹⁾ 832mm ⁽²⁾	763mm ⁽¹⁾ 832mm ⁽²⁾
B	1114mm	1150mm
IN	2"	2 1/2"
OUT	1 1/4"	1 1/2"

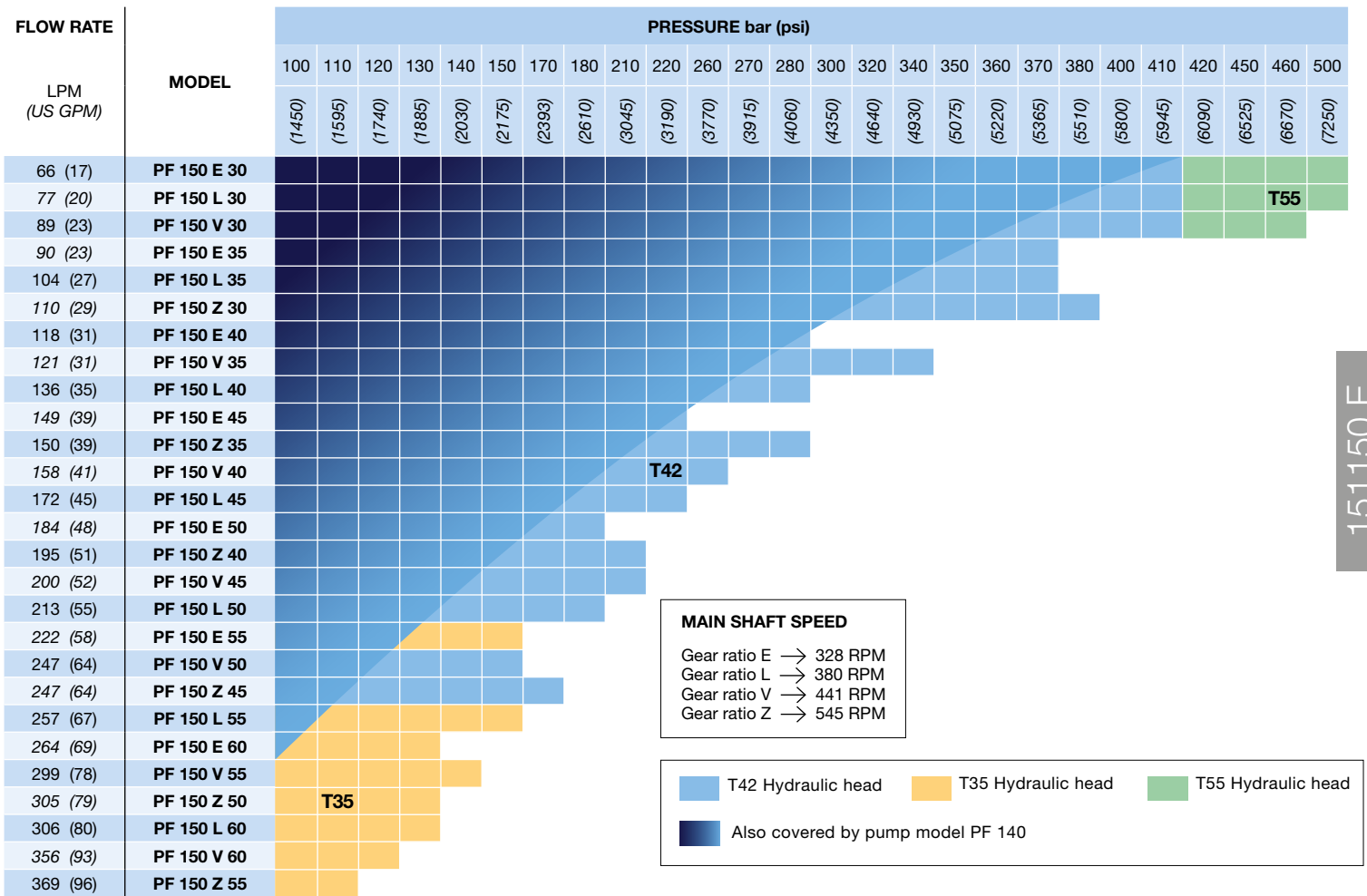
(1) Splash lubrication (type 1)

(2) Assisted lubrication system with heat exchanger (type 3A)



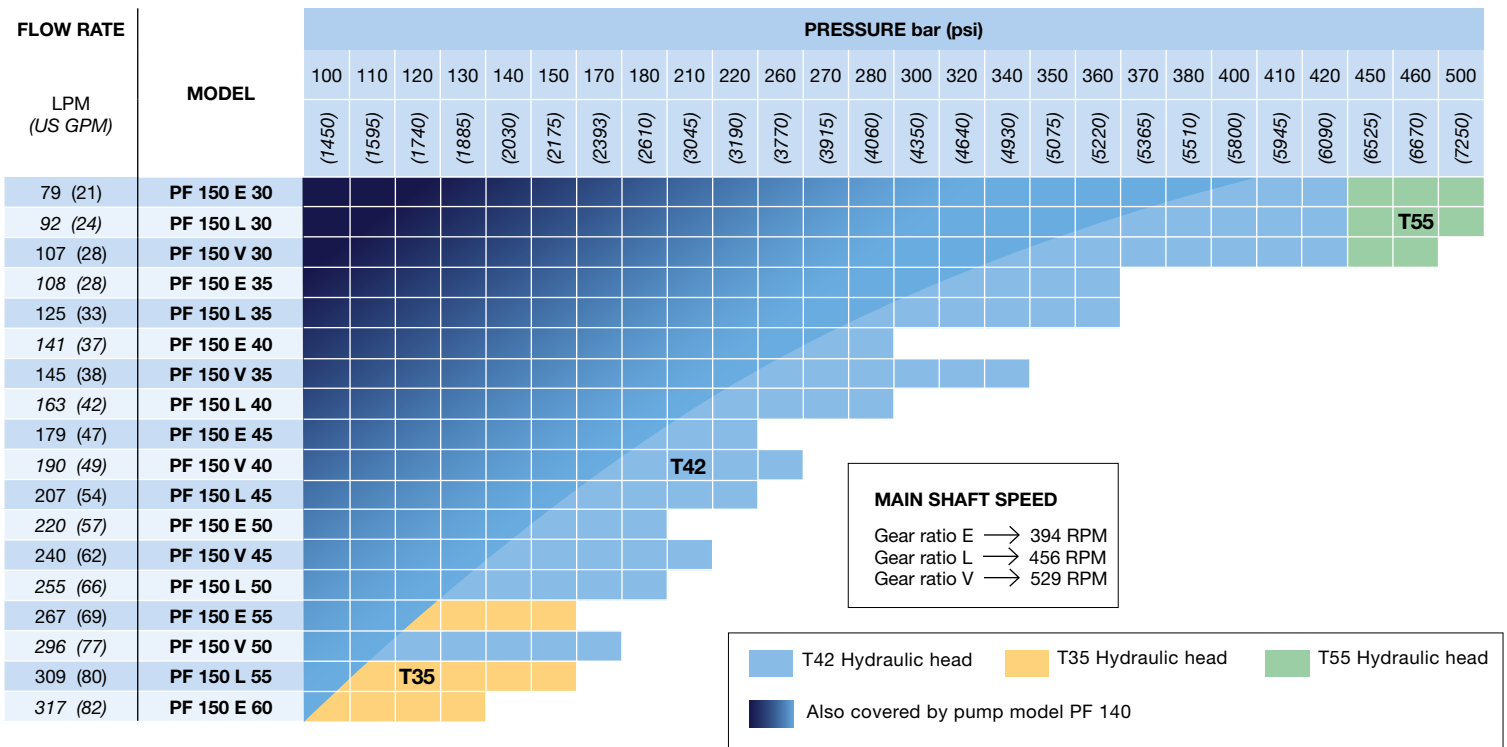
* please ask for compatibility

PF 150 - 50 Hz 4 POLES ELECTRIC MOTOR (1500 RPM) - MAX ABSORBED POWER 75 kW



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PF 150 - 60 Hz 4 POLES ELECTRIC MOTOR (1800 RPM) - MAX ABSORBED POWER 75 kW



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.





PF 150 Series

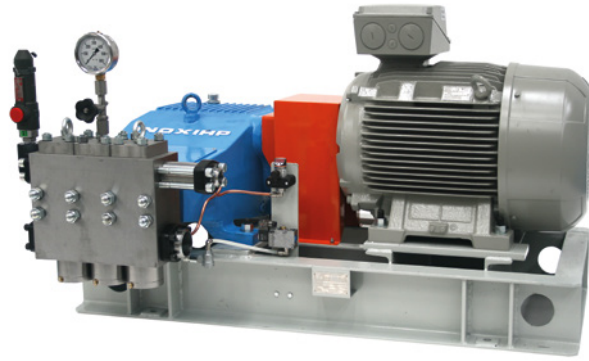
Pumping Group

151150 E

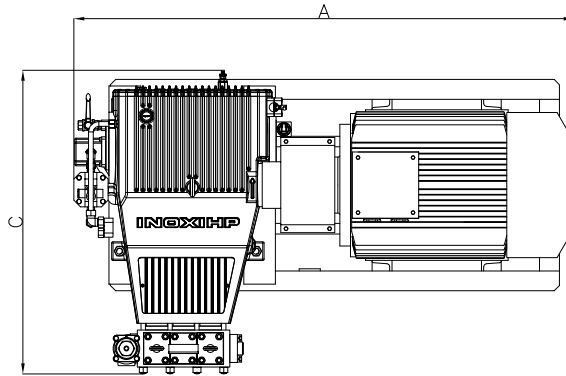
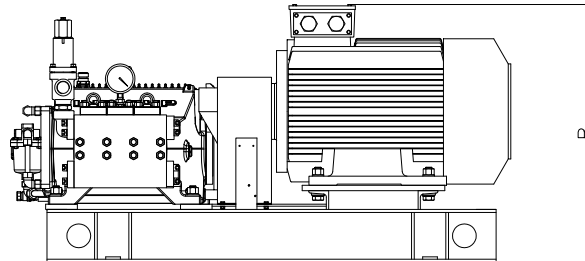
The pumping group PF 150 is composed of the following items:

- Pump PF 150, with splash or assisted lubrication, complete with pressure gauge and flanges
- safety valve
- coupling with cover
- frame
- suction pressure gauge

The group can be equipped with several optional components such as: suction/delivery manifold group, junction box, simplex or duplex suction filters.



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

Your local contact:



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