

Series PON, with integrated overflow valve, bypass and integrated filter

1.6

Technical selection chart; scale drawings

Direction of rotation I = indirect – counterclockwise
D = direct – clockwise
Nozzle port R = on the right hand side
L = on the left hand side

The direction of rotation can only be changed in the factory. Therefore please ensure that you state the desired direction of rotation and the direction of the nozzle port according to the dimension sheet when ordering.

Standard design of the pump for two-pipe installation, conversion to one-pipe operation can be done yourself (see operating and maintenance manual).

All hp-Industrial PON model pumps may be equipped with heating H3 and electrical standby and auxiliary heating without thermostat.



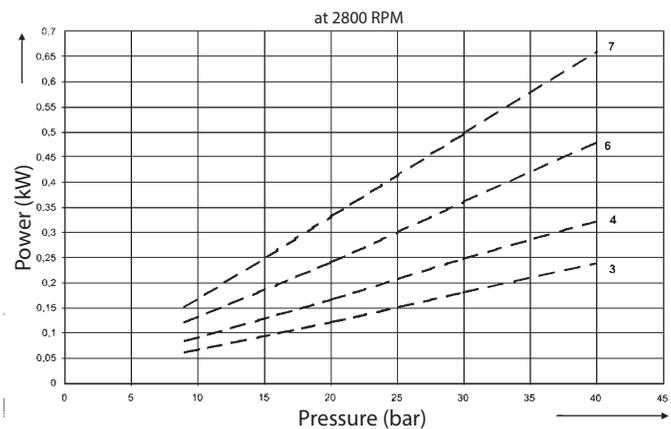
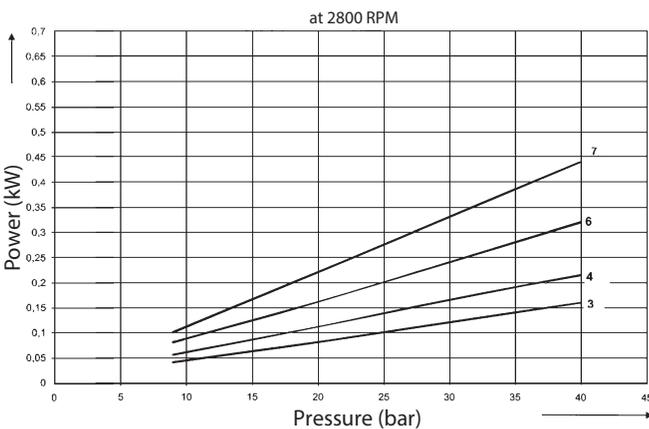
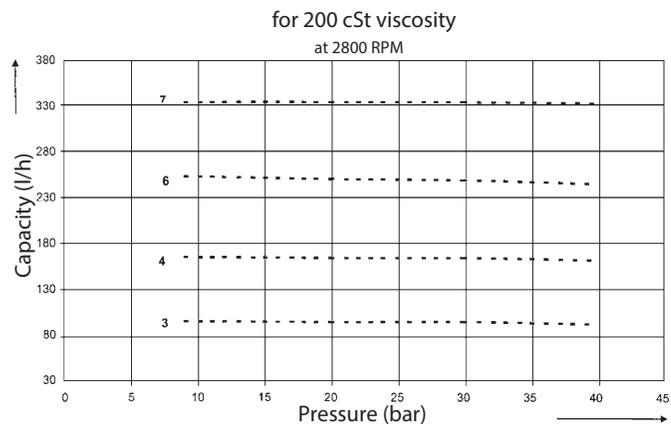
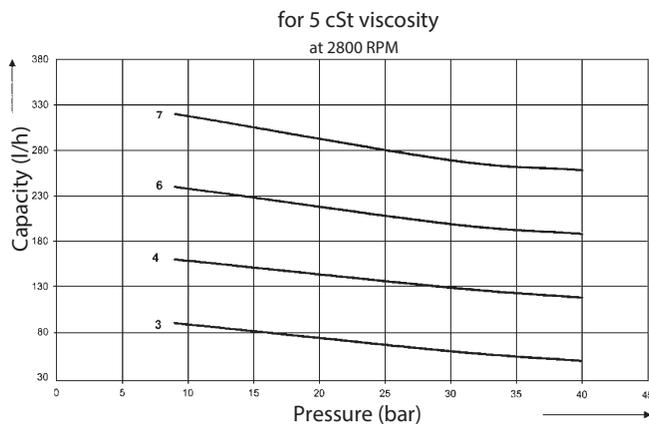
PON series

hp-Internal gear pumps of Series PON up to 40 bar

Size	Discharge at 2800 RPM Viscosity 5 cSt			Direction of rotation	Nozzle port	Item No.				max. permitted pump speed (RPM)	Gear rotor size Ø	Breakaway torque (Nm)	Net weight (kg)
	9 bar	30 bar	40 bar			I-L	I-R	D-L	D-R				
PON 3	90	60	50	D = direct - clockwise	R	0130601	0130611	0140601	0140611	3500	25	1.2	5.0
PON 4	160	130	120			0130602	0130612	0140602	0140612				
PON 6	240	200	190	I = indirect - counterclockwise	L	0130603	0130613	0140603	0140613	3500	25	1.2	5.0
PON 7	320	270	260			0130604	0130614	0140604	0140614				

Size	Capacity at 9 bar (l/h)	Threaded connection				Pressure stage (bar)	Speed (RPM)	Medium	Accessories
		Nozzle	Suction side	Bypass	Manometer				
PON 3	90	1/4"	1/2"	1/2"	1/8"	1 = 1 - 4	1 = 1400 RPM	0 = fuel oil EL + L	H3 = heating for PON
PON 4	160	1/4"	1/2"	1/2"	1/8"	2 = 2 - 9		MGO / MDO	E - single-pipe installation
PON 6	240	1/4"	1/2"	1/2"	1/8"	3 = 6 - 25	2 = 2800 RPM	5 = HFO	
PON 7	320	1/4"	1/2"	1/2"	1/8"	4 = 15 - 40			

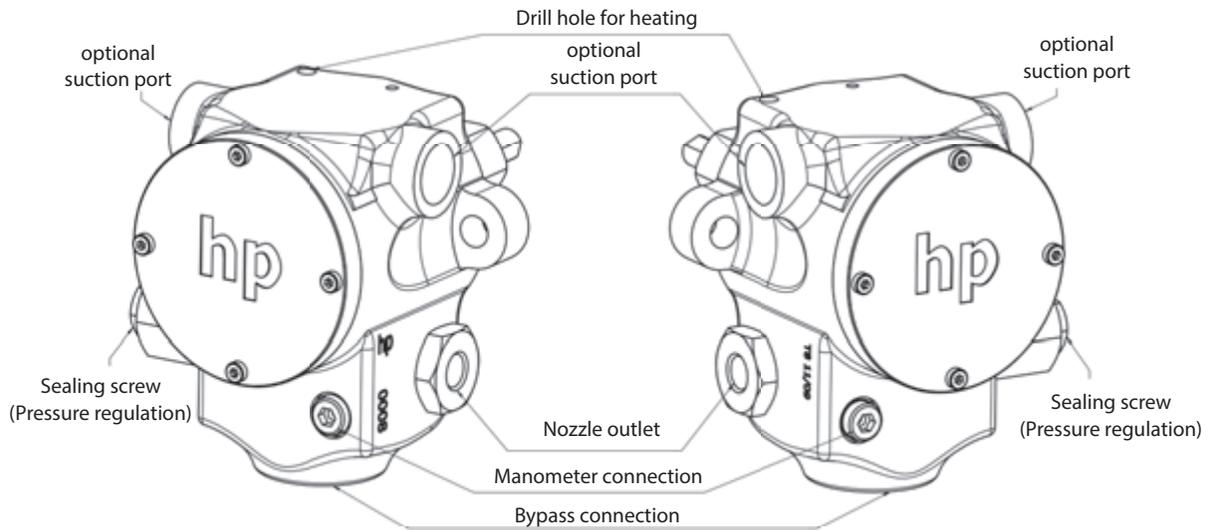
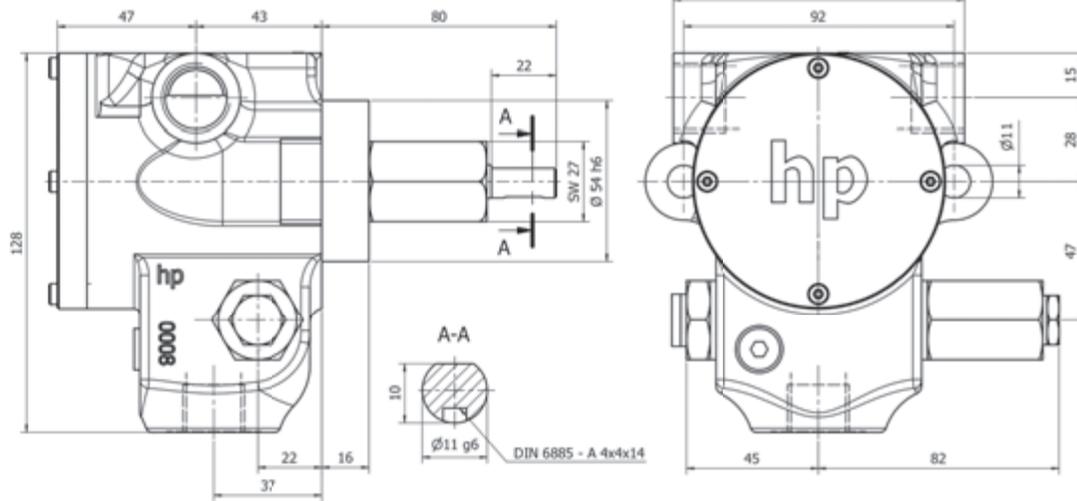
Curves for Series PON



Scale drawings for Series PON

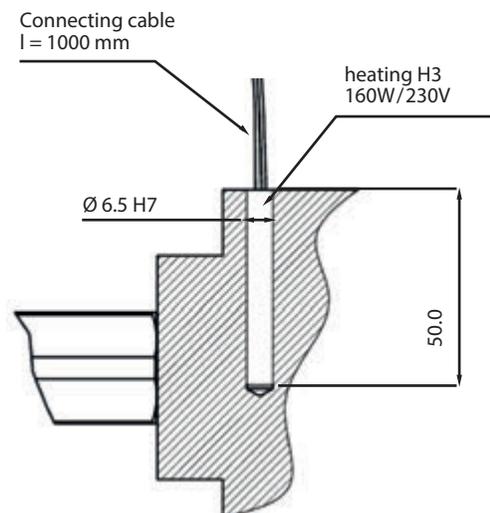
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Pipe connections: Threaded connection DIN ISO 228-1



hp-Electric standby and auxiliary heating H3 for PON series hp-Oil burner pumps

For use of pumps with viscous medium, the use of H3 heating is provided by the manufacturer.



Pumps and Valves

Motor pump group

Units for single-pit installation

Feed pumps or Pressure aggregate

Oil burner pressure aggregate

Filter:

Pump control

Accessories and Spare part

Nozzle:

Special unit and Application

General