

WATER SUPPLY & PRESSURE PUMPS

Horizontal Multistage Pumps

HM SERIES



HM3-5



HM5-5



HM7-5



HM9-5



EURO RANGE

APPLICATION

Stainless steel multistage horizontal pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; heating and air conditioning; washing system.

CONSTRUCTION FEATURES

Pump body	Stainless steel AISI 304
Motor bracket	Aluminum
Impeller	Noryl®
Mechanical seal	Ceramic-graphite ≤ 6 impellers Graphite-silicon carbide ≥ 7 impellers
Motor shaft	Stainless steel AISI 303,
Liquid temperature	-5 ÷ +35 °C
Operating pressure	Max 8, 5 bar

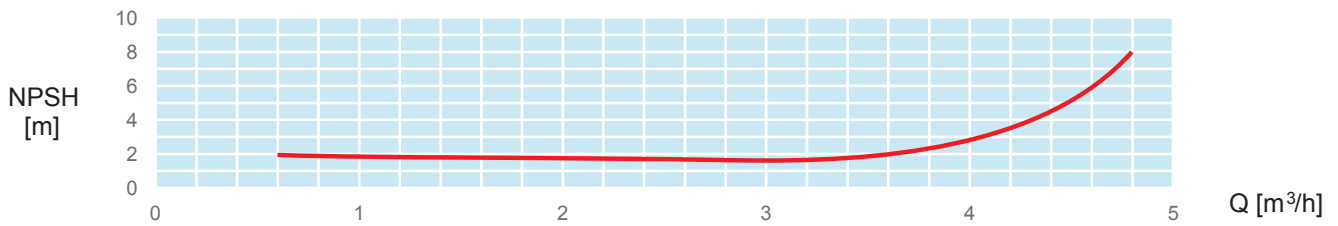
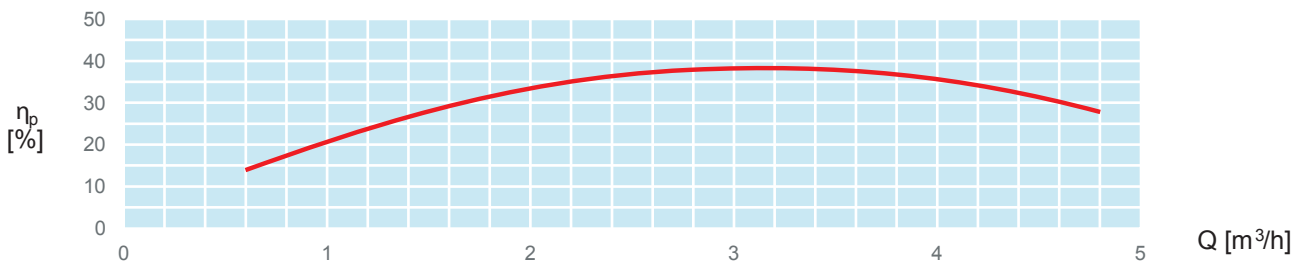
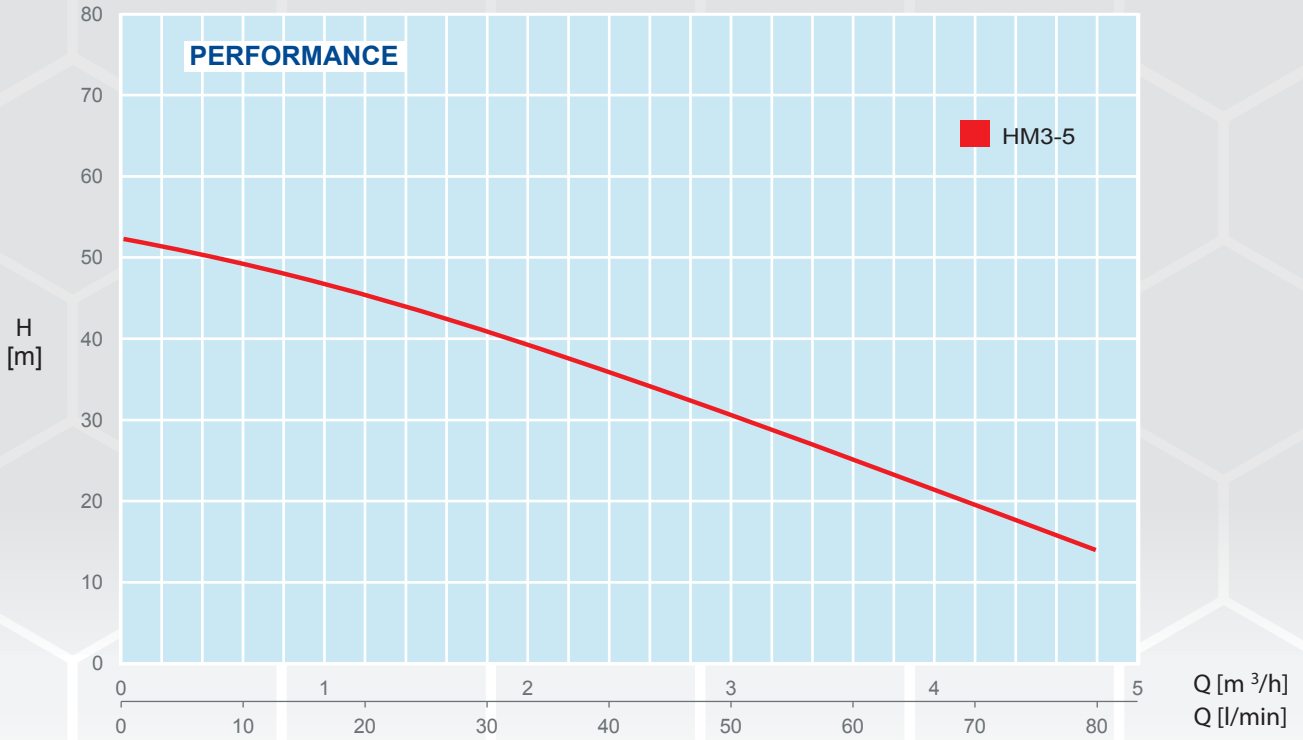
MOTOR

2 Pole induction motor	1~ 240V-50Hz, With thermal protection up to 1.85 kW
Insulation class	F
Protection degree	IP44

MODEL RANGE

Code	Description
HM3-5	HYJET 0.75 KW 240V 3 m3/h Cast Iron P30 Deep Well Pump with 2.5m Cable and 3 Pin Plug
HM5-5	HYJET 1.1 KW 240V 5 m3/h Cast Iron P30 Deep Well Pump with 2.5m Cable and 3 Pin Plug
HM7-5	HYJET 1.85 KW 240V 7 m3/h Cast Iron P30 Deep Well Pump with 2.5m Cable and 3 Pin Plug
HM9-5	HYJET 1.85 KW 240V 9 m3/h Cast Iron P30 Deep Well Pump with w/ 2.5m Cable and 3 Pin Plug

AVAILABLE WITH PRESSURE CONTROLLERS OR PRESSURE SWITCH & TANK

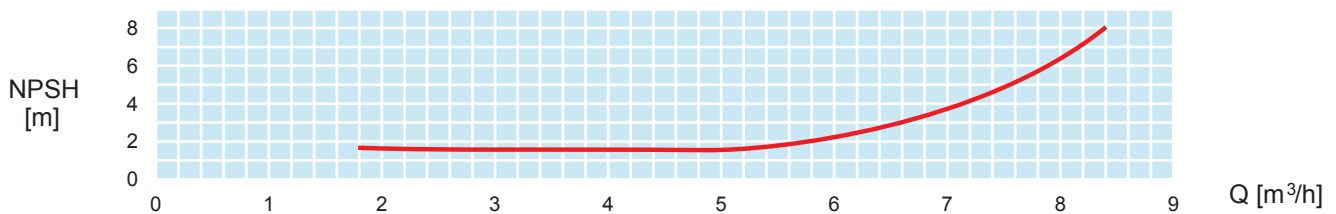
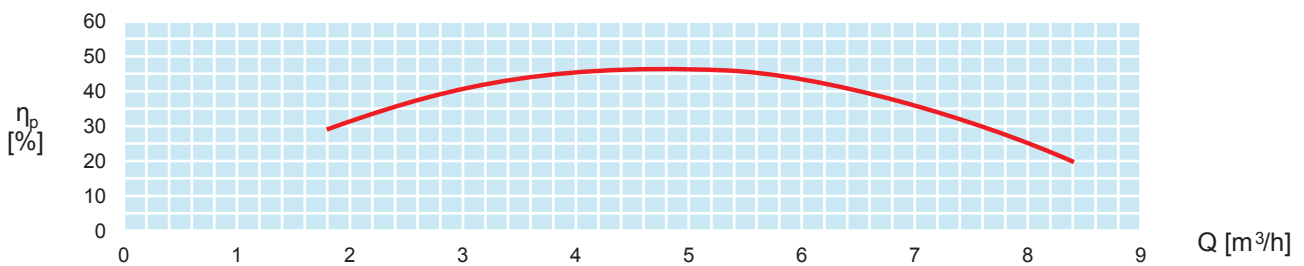
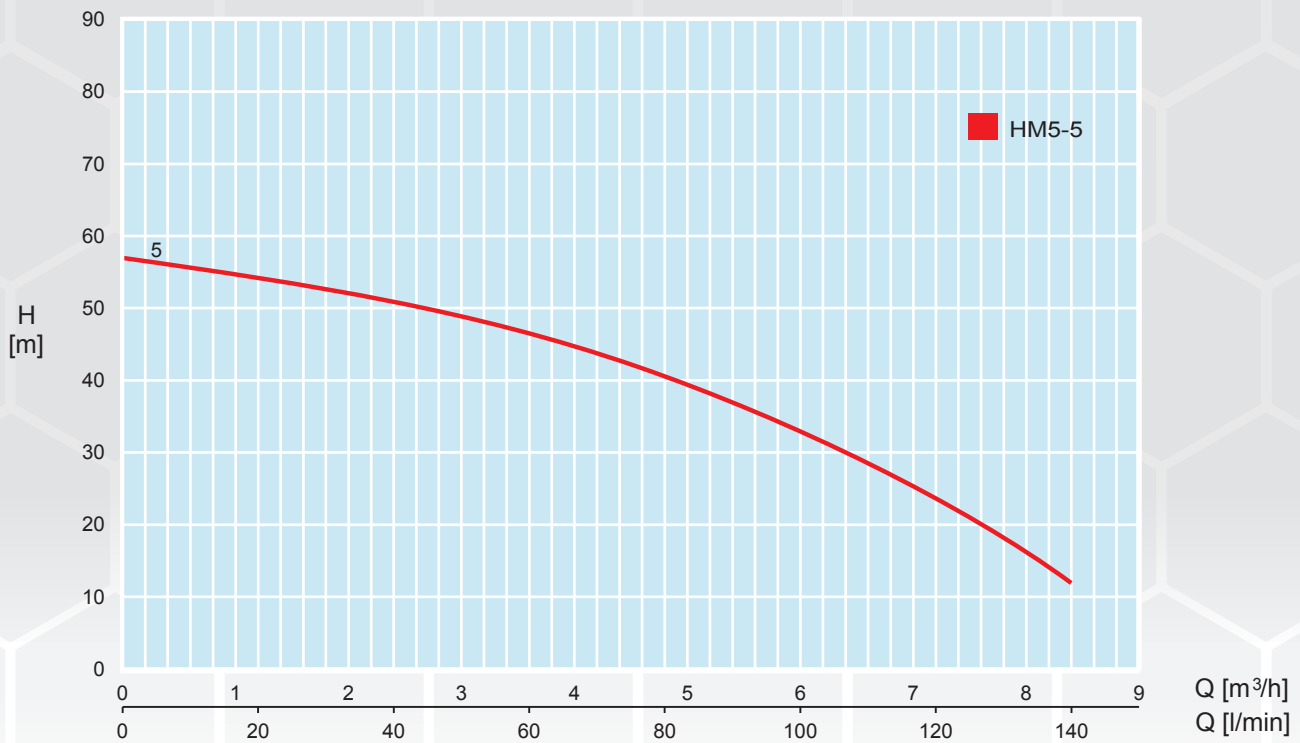


TECHNICAL DATA

Type	P2		P1 (kW)	Ampere	Q (m³/h - l/min)						
					1~	0	0.6	1.2	1.8	2.4	3.6
1~	(HP)	(kW)	1~	1x230V 50 Hz	H (m)						
					52.2	48.9	45.1	40.8	36	25.4	14
HM3-5	1	0.75	1.06	4.8	52.2	48.9	45.1	40.8	36	25.4	14

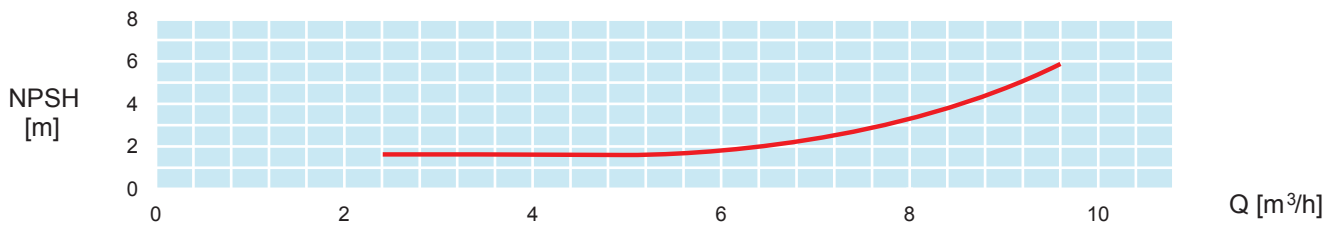
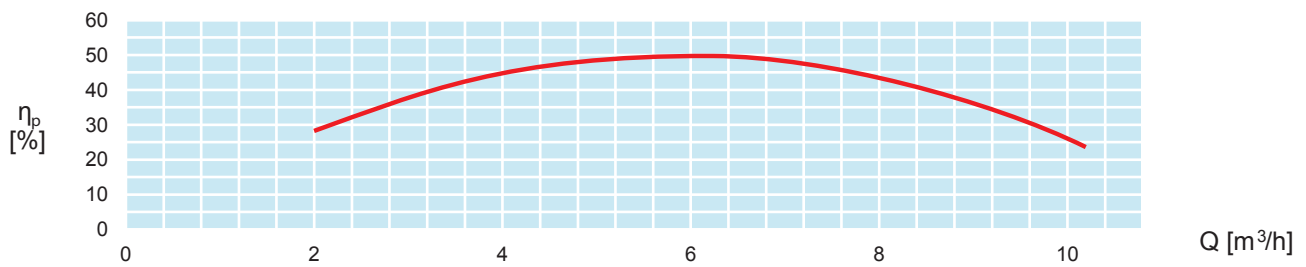
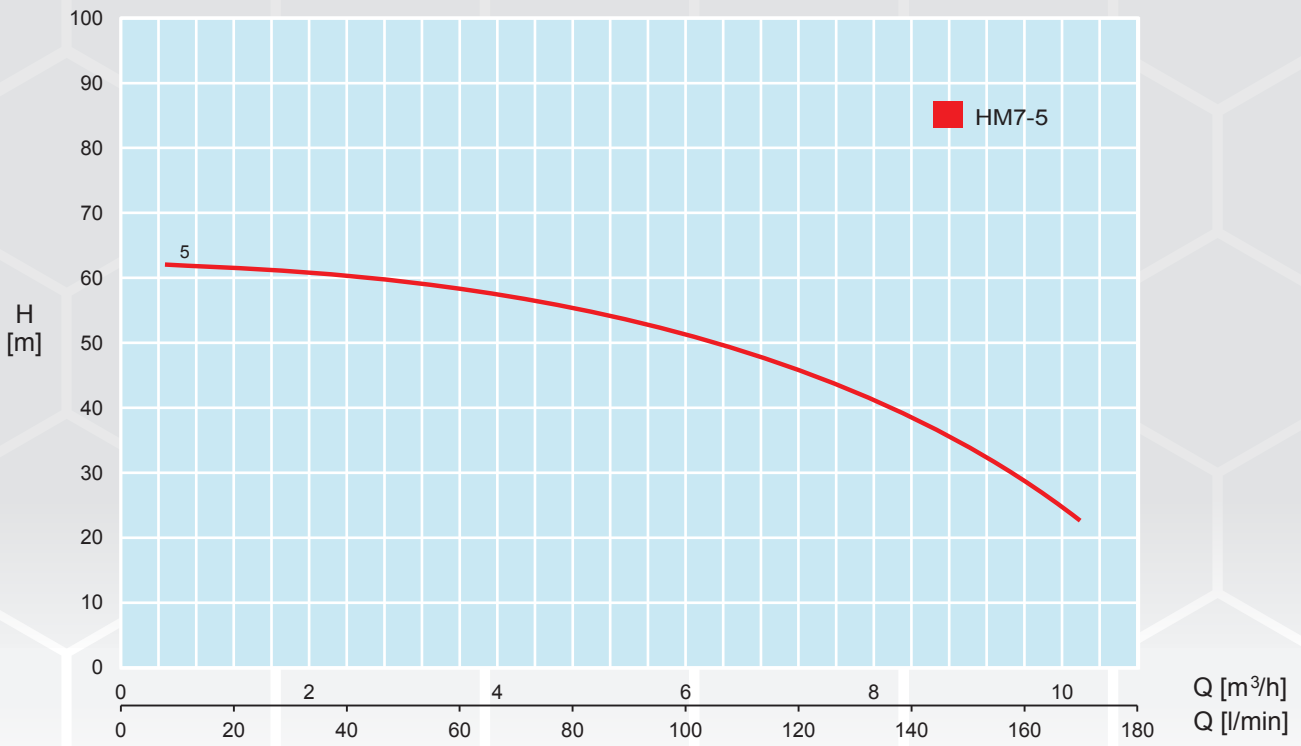
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Horizontal Multistage Pumps



TECHNICAL DATA

Type	P2		P1 (kW)		Ampere		Q (m³/h - l/min)							
					1~	3~	0	1.8	2.4	3.6	4.8	6	7.2	8.4
1~	(HP) (kW)		1~ 3~		1x230V	3x400V	03	04	06	08	0	100	120	140
					50 Hz		50 Hz		H (m)					
HM5-5	1.5	1.1	1.47	1.39	6.8	2.8	56.85	35	1	46.1	40.1	33.3	24.8	11.5

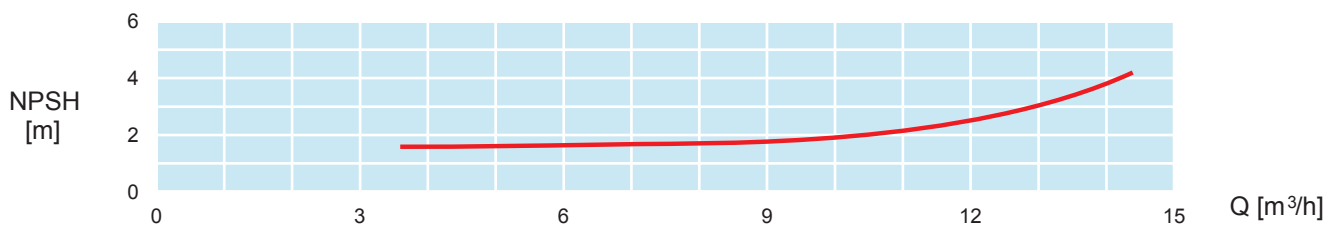
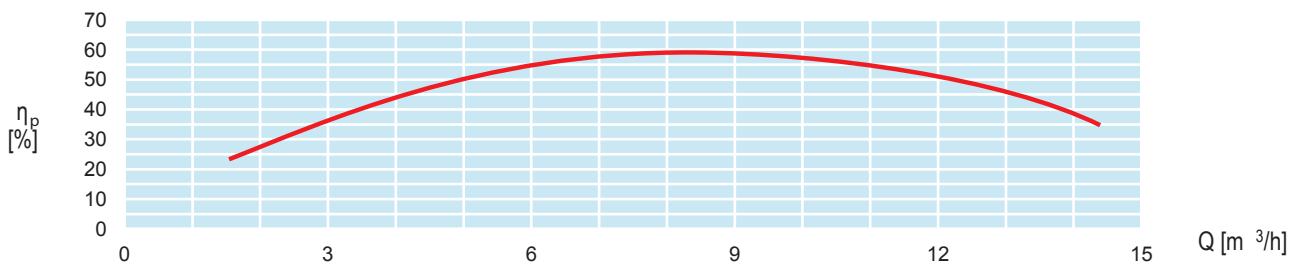
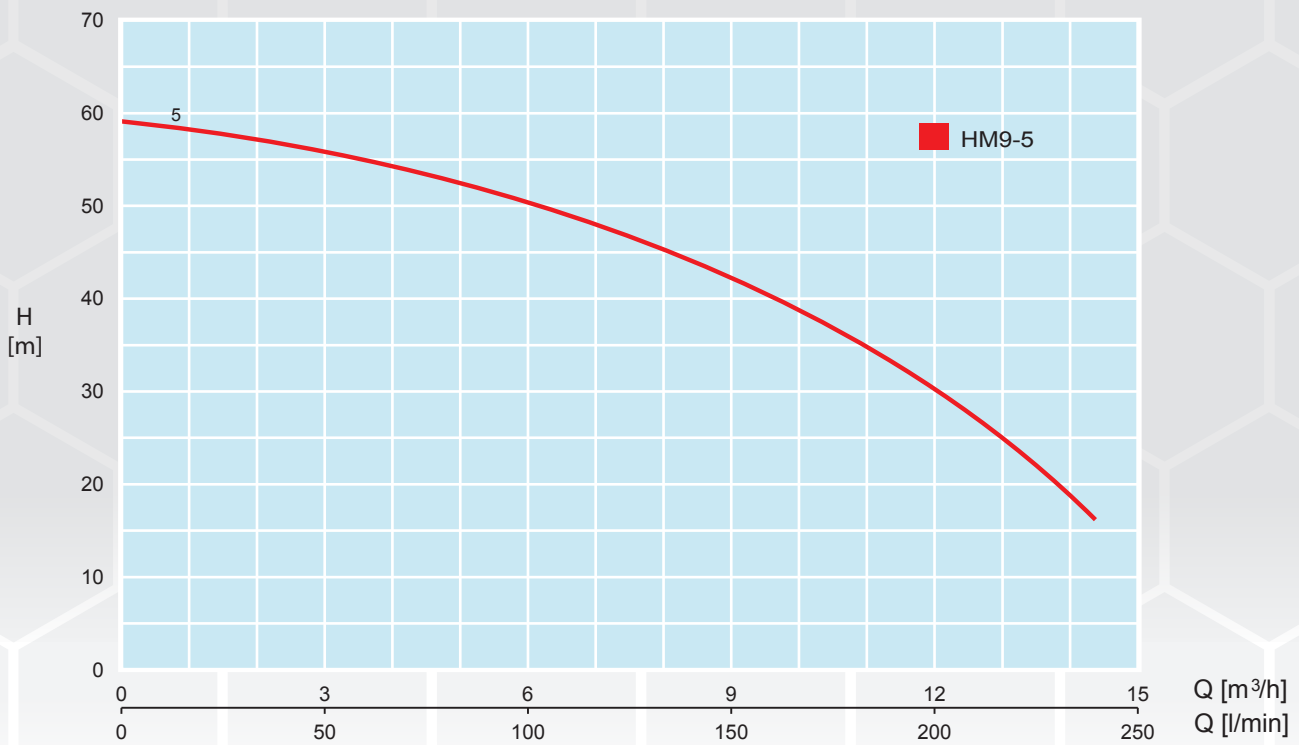


TECHNICAL DATA

Type	P2		P1 (kW)	Ampere	Q (m³/h - l/min)								
					1~	0	2.4	3.6	4.8	6	7.2	8.4	9.6
1~	(HP) (kW)		1~	1x240V 50 Hz	H (m)								
					04	06	08	01	00	120	140	160	170
HM7-5	2.5	1.85	2.931	0.9	62.6	60.6	58.2	55.1	51.1	45.8	39	29.8	21.5

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TECHNICAL DATA

Type	P2		P1 (kW)	Ampere	Q (m ³ /h - l/min)											
					H (m)											
1~	(HP) (kW)		1~	1x240V 50 Hz	1~	0	3.6	4.8	67	.2	8.4	9.6	10.81	21	3.2	14.4
					06	08	0	100	1201	40	160	180	200	220	240	
HM9-5	2.5	1.85	2.32	10.6	59.2	54.4	52.4	50.4	47.9	44.8	40.5	35.5	29.8	23.5	16.3	

WATER SUPPLY PRESSURE SYSTEMS



Various models available with HPC pressure controller (add -PC to pump model required)



Various models available with pressure switch, pressure gauge and outlet manifold with 18L pressure tank (add -PT18 to pump model required)