

HM Series

Water Supply & Pressure Pumps | Horizontal Multistage Pumps



Made in Italy
by Pentax Pumps



HM3-5



HM5-5



HM7-5



HM9-5

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 and Features

- Pump body: Stainless steel AISI 304
- Motor bracket: Aluminium
- Impeller: : Stainless steel AISI 304
- Mechanical seal: Ceramic-graphite ≤ 6 impellers
Graphite-silicon carbide ≥ 7 impellers
- Motor shaft: Stainless steel AISI 303
- Liquid temperature: 0 ÷ +110 °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

Available with Pressure Controllers



HPC-22



HPC-32-PR

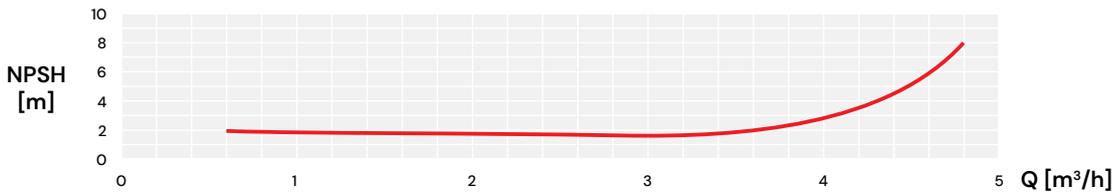
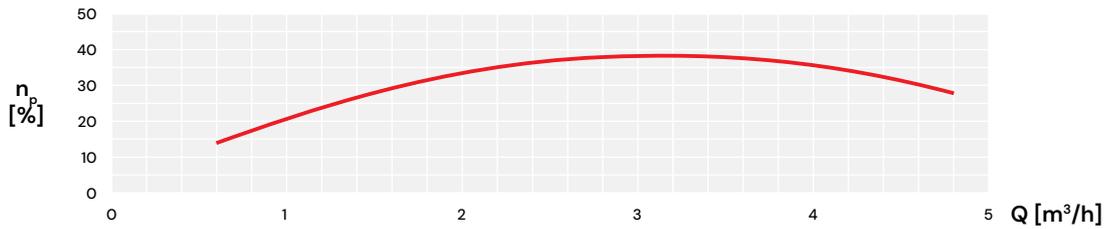
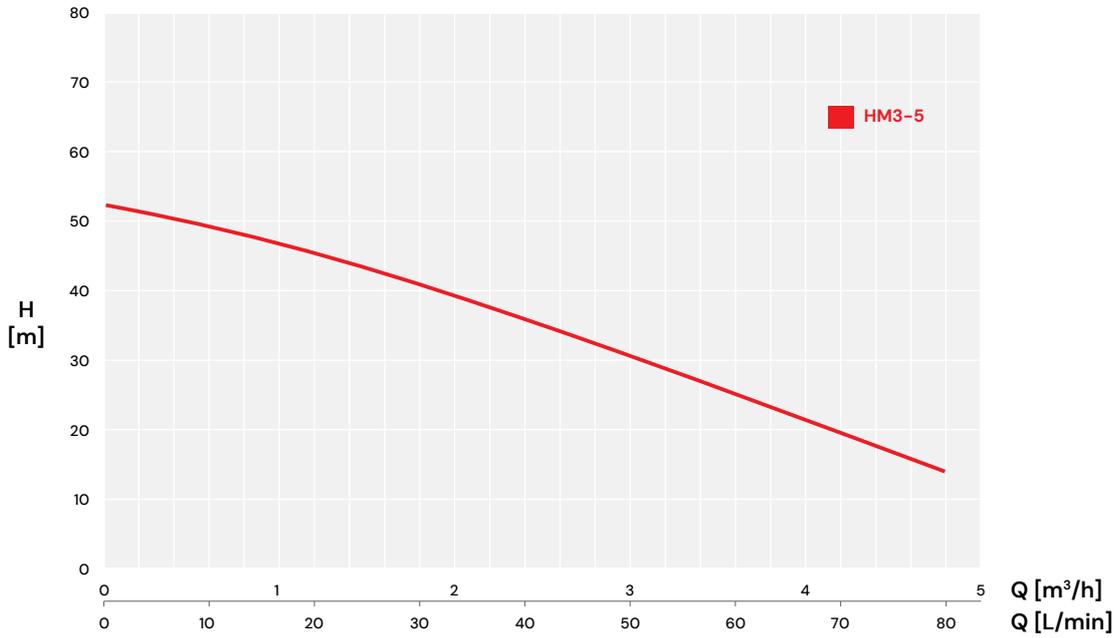
Model Range

Model	Description
HM3-5	Hyjet 0.75 kW 240V SS304 80 L/min Horizontal Multistage Pump
HM5-5	Hyjet 1.1 kW 240V SS304 140 L/min Horizontal Multistage Pump
HM7-5	Hyjet 1.85 kW 240V SS304 170 L/min Horizontal Multistage Pump
HM9-5	Hyjet 1.85 kW 240V SS304 240 L/min Horizontal Multistage Pump
HM3-5-PC	Hyjet 0.75 kW 240V SS304 80 L/min Horizontal Multistage Pressure Pump with Pressure Controller
HM5-5-PC	Hyjet 1.1 kW 240V SS304 140 L/min Horizontal Multistage Pressure Pump with Pressure Controller
HM7-5-PC	Hyjet 1.85 kW 240V SS304 170 L/min Horizontal Multistage Pressure Pump with Pressure Controller
HM9-5-PC	Hyjet 1.85 kW 240V SS304 240 L/min Horizontal Multistage Pressure Pump with Pressure Controller



Performance

HM3-5

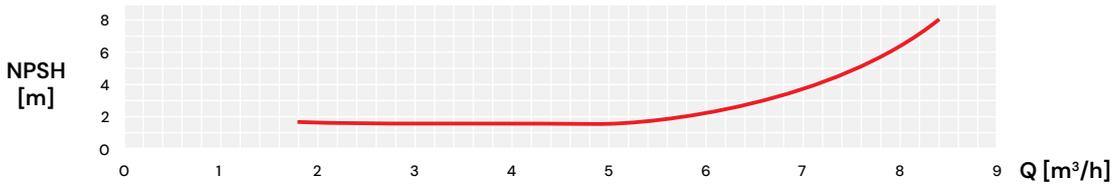
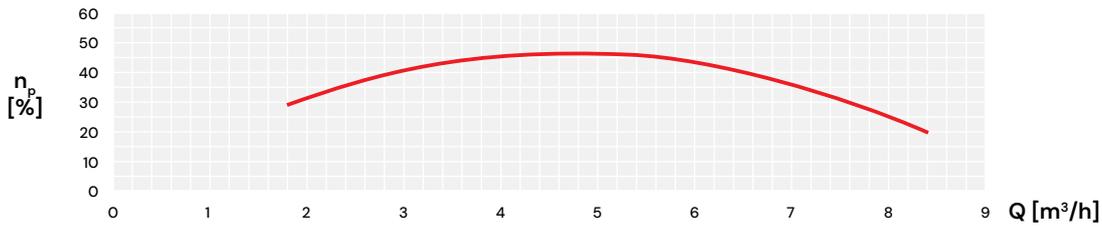
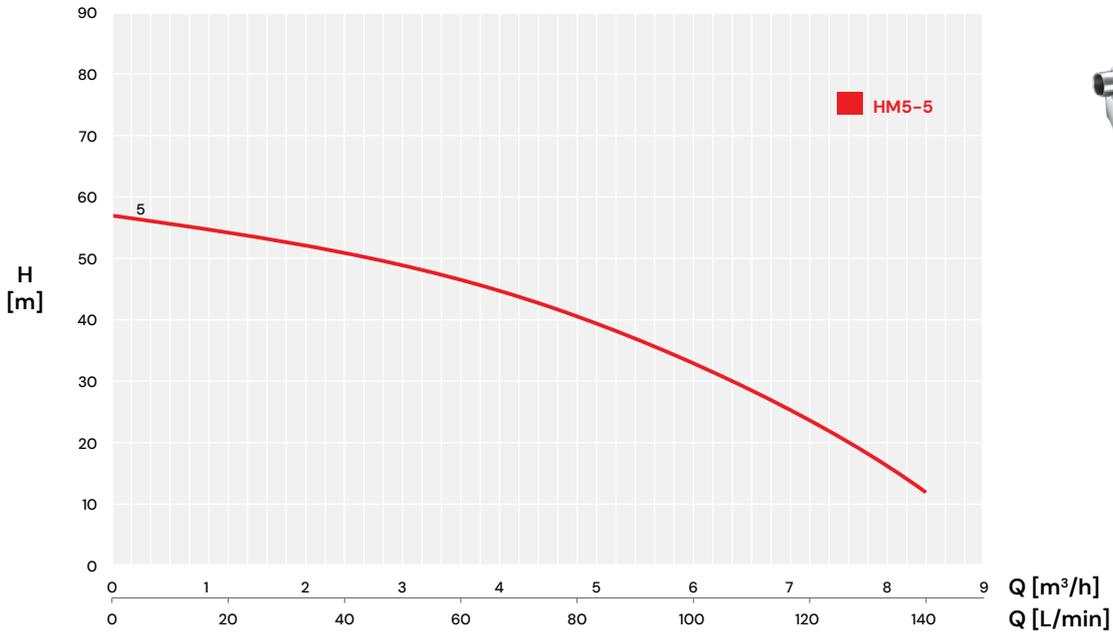


Technical Data

Type	P2		P1 (kW)	Amps	Q (m³/h - l/min)							
					0	0.6	1.2	1.8	2.4	3.6	4.8	
1~			1~	1x230V 50 Hz	0	10	20	30	40	60	80	
	(HP)	(kW)			H (m)							
HM3-5	1	0.75	1.06	4.8	52.2	48.9	45.1	40.8	36.0	25.4	14.0	

Performance

HM5-5



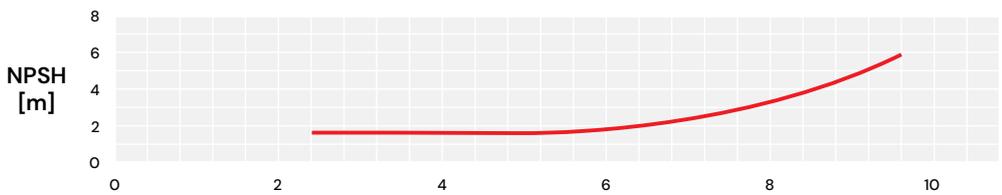
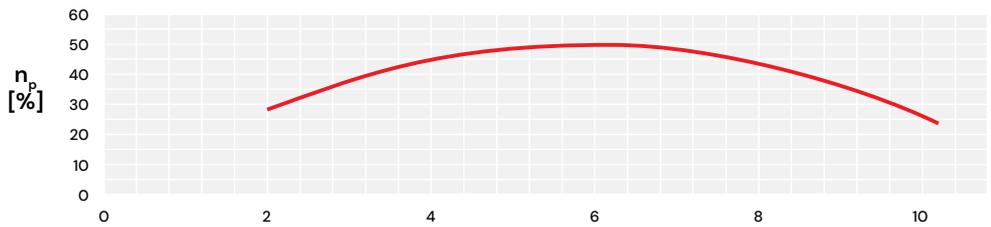
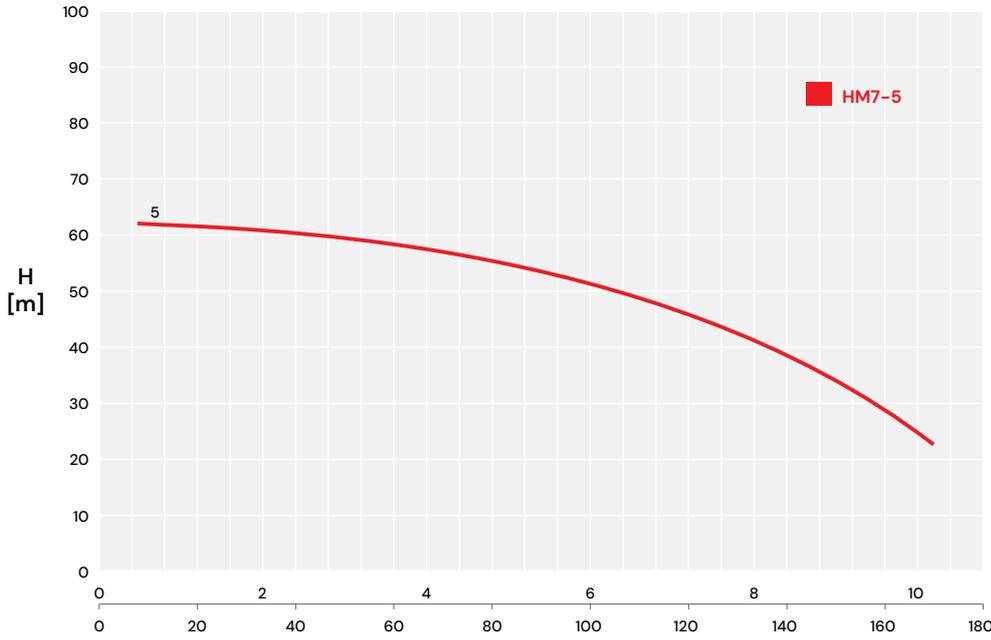
Technical Data

Type	P2		P1 (kW)		Amps		Q (m³/h - l/min)							
					1~	3~	0	1.8	2.4	3.6	4.8	6.0	7.2	8.4
1~	(HP)	(kW)	1~	3~	1x230V 50 Hz	3x400V 50 Hz	H (m)							
							0	30	40	60	80	100	120	140
HM5-5	1.5	1.1	1.47	1.39	6.8	2.8	56.8	53.0	51.0	46.1	40.1	33.3	24.8	11.5



Performance

HM7-5

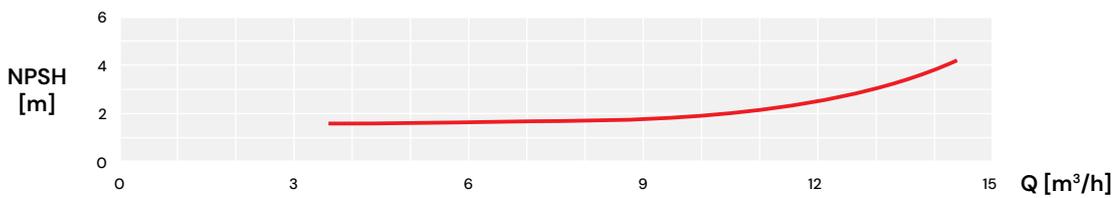
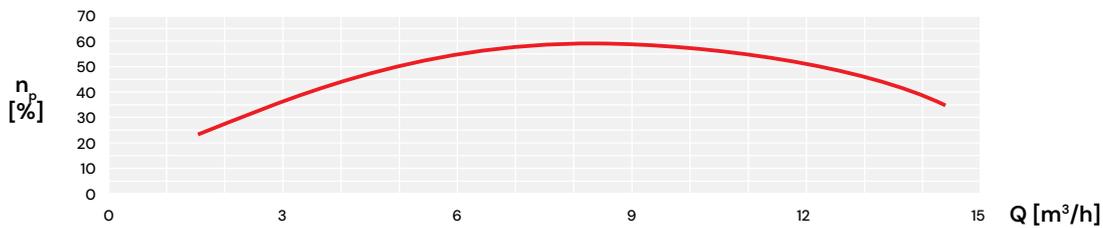
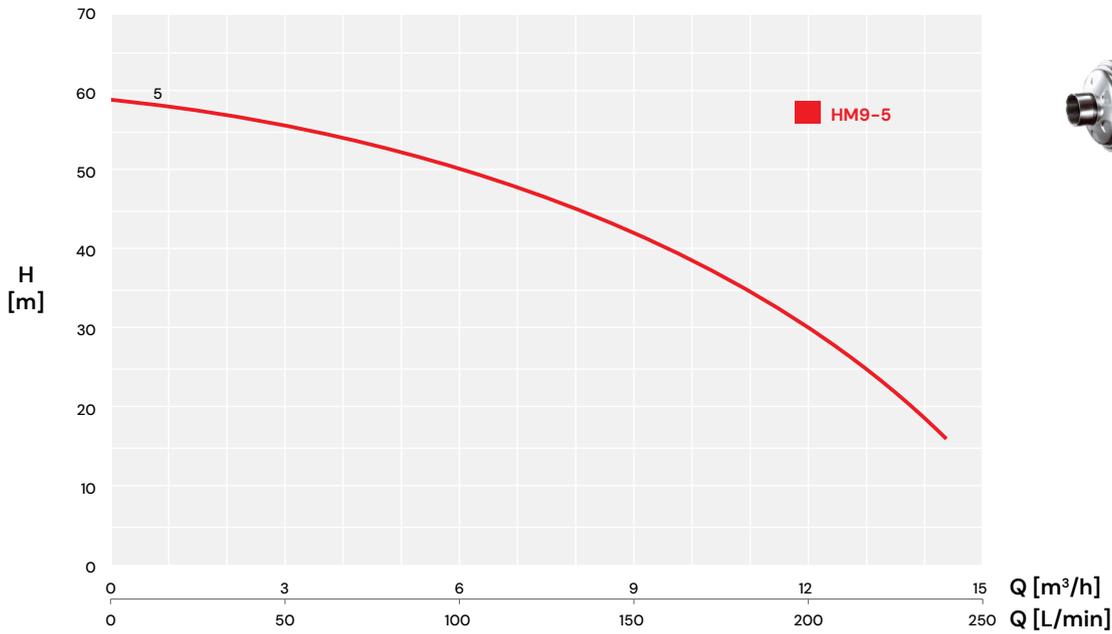


Technical Data

Type	P2		P1 (kW)	Amps	Q (m³/h - l/min)								
					0	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.2
1~	(HP) (kW)		1~	1x240V 50 Hz	H (m)								
					62.6	60.6	58.2	55.1	51.1	45.8	39.0	29.8	21.5
HM7-5	2.5	1.85	2.39	10.9	62.6	60.6	58.2	55.1	51.1	45.8	39.0	29.8	21.5

Performance

HM9-5



Technical Data

Type	P2		P1 (kW)	Amps	Q (m³/h - l/min)										
					0	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0	13.2	14.4
1~	(HP) (kW)		1~	1x240V 50 Hz	H (m)										
					59.2	54.4	52.4	50.4	47.9	44.8	40.5	35.5	29.8	23.5	16.3
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



Made in Italy
by Pentax Pumps

Various models
available with HPC
pressure controller.



Various models
available with
pressure switch,
pressure gauge and
outlet manifold with
18L pressure tank.

