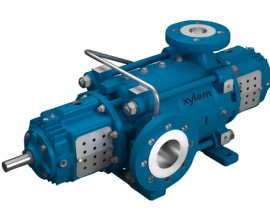


Range overview/specifications

	e-MPA	e-MPR	e-MPD	e-MPV
Special feature(s)	 • highest suction capability (the lowest NPSH) • axial inlet flow • reduced wear due to fewer parts • small horizontal footprint	 • higher suction nozzle flexibility • reduced wear due to fewer parts • small horizontal footprint	 • higher possible inlet pressure (up to 580 psi) • double bearings • higher suction nozzle flexibility • optional drive on the suction side • horizontal footprint	 • compact vertical footprint • four nozzle positions (90°, 180°, 270°, 360°)
Size	2" to 6"	2" to 6"	2" to 6"	2" to 6"
Configuration	Horizontal	Horizontal	Horizontal	Vertical
Power: 2-pole 4-pole	10 hp - 1,700 hp / 7.5 kW - 1,250 kW 3 hp - 220 hp / 2.2 kW - 160 kW	10 hp - 1,700 hp / 7.5 kW - 1,250 kW 3 hp - 220 hp / 2.2 kW - 160 kW	10 hp - 1,700hp / 7.5 kW - 1,250 kW 3 hp - 220 hp / 2.2 kW - 160 kW	10 hp - 480 hp / 7.5 kW - 355 kW 3 hp - 220 hp / 2.2 kW - 160 kW
Heads	up to 3,100 ft / 950 m	up to 3,100 ft / 950 m	up to 3,100 ft / 950 m	up to 2,000 ft / 630 m
Flows	up to 2,600 gpm / 600 m³/h	up to 2,600 gpm / 600 m³/h	up to 2,600 gpm / 600 m³/h	up to 2,600 gpm / 600 m³/h
Temperature of pumped liquid	14°F (optional -13°F) to 284°F (optional 356°F) or -10°C (optional -25°C) to 140°C (optional 180°C)	14°F (optional -13°F) to 284°F (optional 356°F) or -10°C (optional -25°C) to 140°C (optional 180°C)	14°F (optional -13°F) to 284°F (optional 356°F) or -10°C (optional -25°C) to 140°C (optional 180°C)	14°F (optional -13°F) to 284°F or -10°C (optional -25°C) to 140°C
Inlet pressure	up to 145 psi / 10 bar	up to 145 psi / 10 bar	up to 580 psi / 40 bar	up to 145 psi / 10 bar
Shaft sealing	Standard mechanical seal, cartridge seal, soft packing	Standard mechanical seal, cartridge seal, soft packing	Standard mechanical seal, cartridge seal, soft packing	Standard mechanical seal, cartridge seal, soft packing
Bearings: Suction side Discharge side	plain bearing double angular ball bearing	plain bearing double angular ball bearing	radial ball bearing double angular ball bearing	plain bearing double angular ball bearing
Flange: Suction side Discharge side	axial radial, 90° rotatable (left, top, right)	90° rotatable (left, top, right) radial, 90° rotatable (left, top, right)	90° rotatable (left, top, right) radial, 90° rotatable (left, top, right)	90° rotatable radial, 90° rotatable

Options and Accessories

Description	Options Available
Sizes	2" to 6"
Configurations	horizontal or vertical
Horizontal power range	2-pole: 10 hp - 1,700 hp / 7.5 kW - 1,250 kW 4-pole: 3 hp - 220 hp / 2.2 kW - 160 kW
Vertical power range	2-pole: 10 hp - 480 hp / 7.5 kW - 355 kW 4-pole: 3 hp - 220 hp / 2.2 kW - 160 kW
Temperature of pumped liquid	14°F (optional -13°F) to 284°F (optional 356°F) or -10°C (optional -25°C) to 140°C (optional 180°C) (horizontal)
Pump casings	cast iron, ductile iron, steel, stainless steel (AISI 316), duplex stainless steel, super duplex stainless steel
Impeller	cast iron, bronze, stainless steel (AISI 316), duplex stainless steel, super duplex stainless steel
Elastomers	EPDM, FPM
Shaft sealing	cartridge, standard mechanical (seal packing optional)
Controllers	Aquavar® IPC, Hydrovar®
Optional accessories	frames, couplings, coupling guards, monitoring & control interfaces, repair parts
Available upon request	fly wheel, high voltage motors