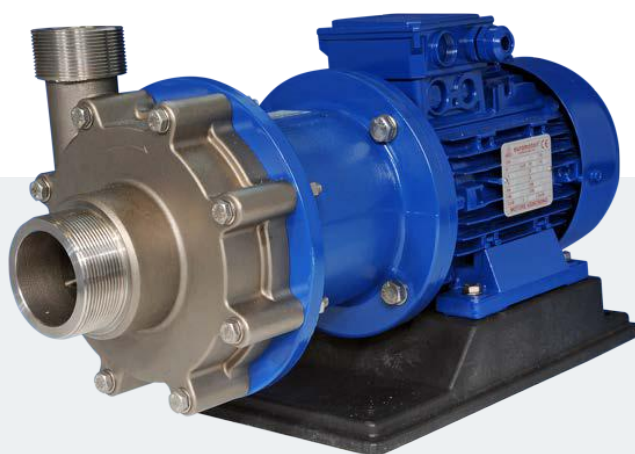


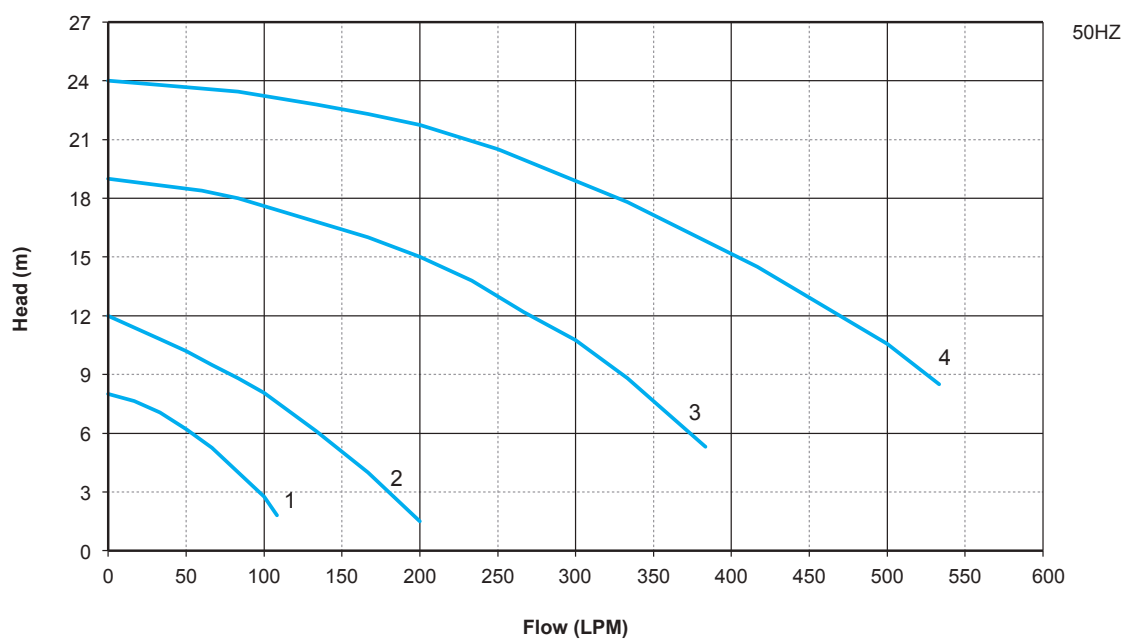
Empire Pumps diverse range of Sealless Magnetic Coupled Pumps includes a product series manufactured from 316 stainless steel. The pump technology is unique given no seals are used to give the closed solution pump containment. The pump is operated by a synchronisation of magnetic forces. The drive magnet is connected to an electric motor which rotates and using the magnetic forces connects with the pump impeller magnet positioned inside the pump.

Our stainless steel series of pumps are ideal for use in the aerospace and automotive industries. The maximum operating temperature of the pumps is 160°C, which is ideal for processes such as potassium permanganate and ardnox cleaners. Stainless steel material provides a safe earth route when transferring potentially flammable solutions, and as such our range is suitable for ATEX zoned areas.

FEATURES AND BENEFITS

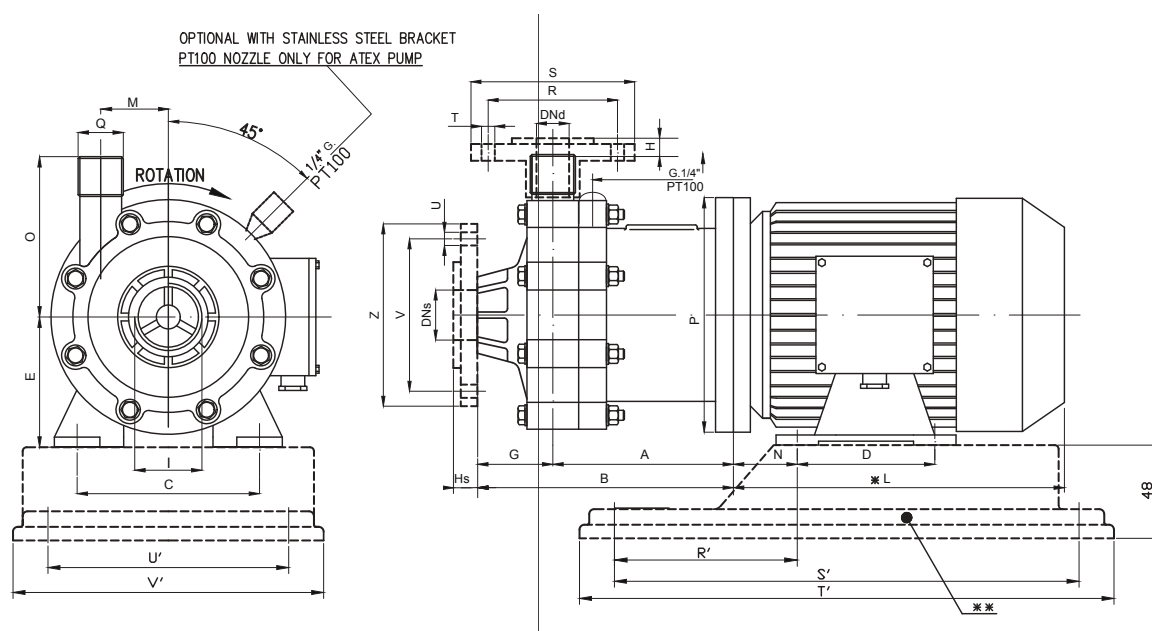
- Sealless and glandless magnetic coupled pump
- 316 stainless steel materials of construction
- Flow rate 0 to 530 l/min
- Discharge pressures 2.4 bar
- Viton or EPDM elastomers
- PTFE or graphite bushings
- High temperature applications up to 160°C
- Pressure rating PN10 @ 20°C
- ATEX Zone 1 and 2
- Industries: Aerospace, chemical, pharmaceutical and many more



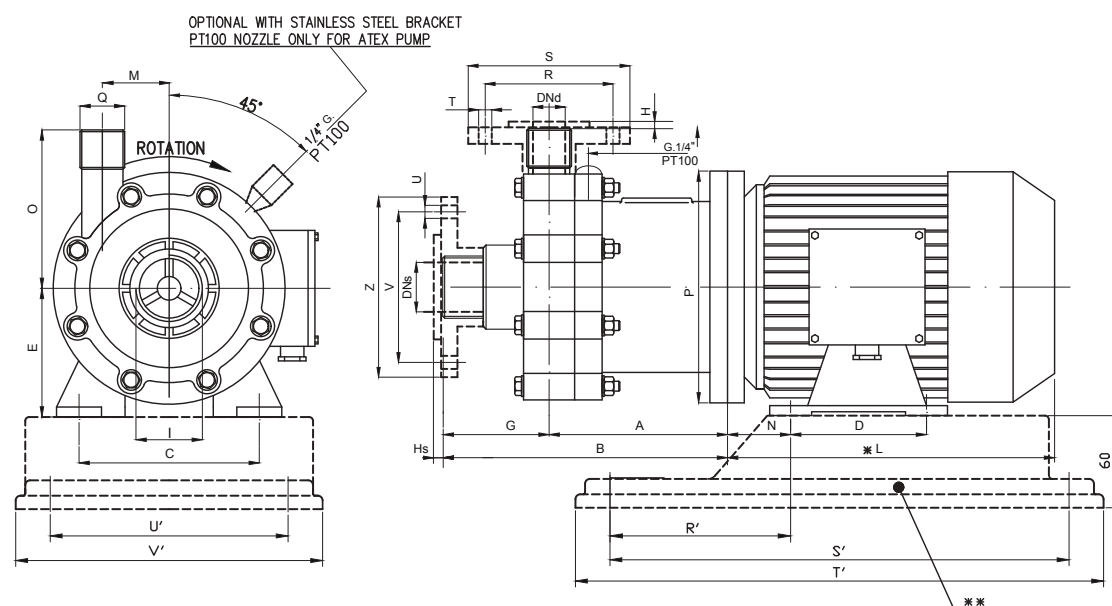


MODEL NUMBER

Pump Curve	Model Number	Material	Inlet (bsp)	Outlet (bsp)	Max Flow Rate (l/min)	Max Head (m)	Power (kw)
1	EPM1SSV	Stainless Steel 316	1" Female	¾" Male	100	8	0.55
2	EPM2SSV	Stainless Steel 316	1½" Female	1" Male	200	12	1.1
3	EPM3SSV	Stainless Steel 316	2" Male	1½" Male	383	19	1.5
4	EPM4SSV	Stainless Steel 316	2½" Male	2" Male	533	24	2.2



EPM 1



EPM 2, 3, 4

DIMENSIONS

Model	Dimensions (mm)										
	A	B	C	D	E	G	L	M	N	O	P
EPM1SSV	137	194	112	90	71	57	215	46	45	89	160
EPM2SSV	145	214	125	100	80	69	232	44	50	98	200
EPM3SSV	176	256	140	100	90	80	255	66	56	135	200
EPM4SSV	175	266	140	125	90	91	280	66	56	140	200

* Electric motor drive dimensions may change, please consult sales.

Dimensions R-Z are for optional flanges. Please consult sales for further information.