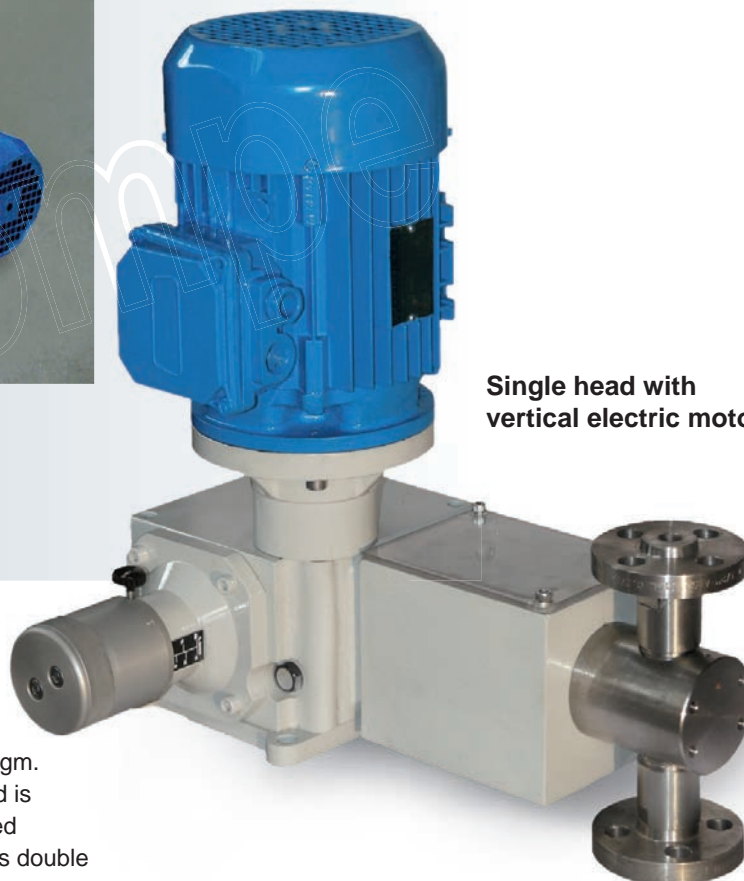


Metering Plunger and Diaphragm Pumps API 675 MET 1 Type



Single head with horizontal electric motor

Rod thrust: 500 kg
Stroke length: 25 mm
RPM Max: 290

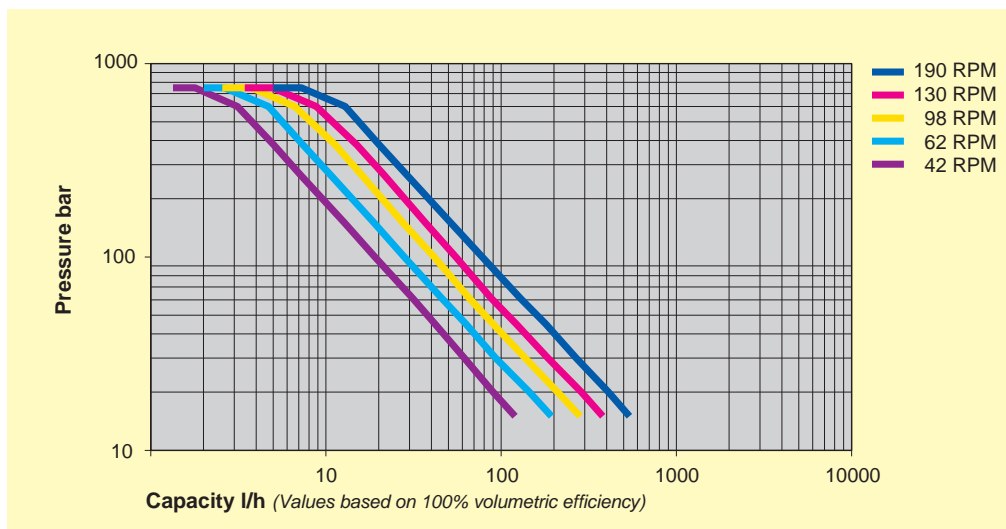


Single head with vertical electric motor

The MET 1 metering pump covers the range of medium capacities in dosage and injection applications. The pump is a positive return type and is designed for continuous service. Its design allow the modular installation type in order to obtain a multi heads arrangement within 12 heads with one motor. During operation or standstill of the pump the stroke is continuously adjustable by means of a manual knob or by automatic control systems, pneumatically or electronically driven. The stroke variation is proportional within the whole adjusting range of 0-100% and guarantees linearity and repeatability of the flow in accordance with API 675 requirements.

For the hydraulic end there are two versions available: plunger and diaphragm. The diaphragm head is hydraulically actuated and the diaphragm is double with a monitoring system which allows failure detection.

MET 1 Performances

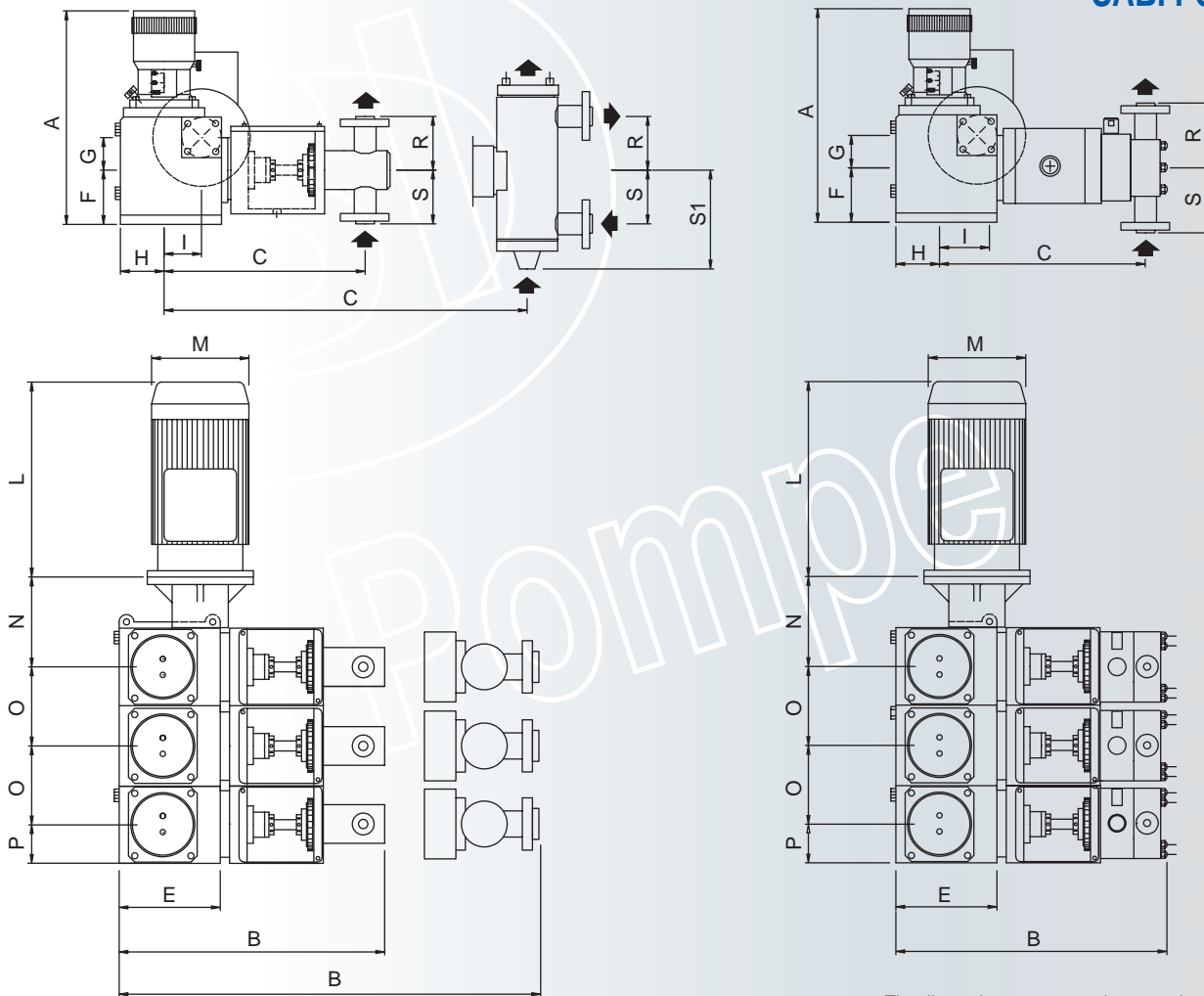


MET 1 Type

MET 1 dimensions (mm)



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The dimensions are approximate and not binding

MET 1 Series - Rev. 1

PLUNGER PUMPS

HYDRAULIC END TYPE	A	B	C	D	E	F	G	H	I	L	M	N	O	P	R	S	S1
HP (HIGH PRESSURE)	330	450	233	85	160	75	62	70	60	260	160	144	120	60	66	96	/
LP (LOW PRESSURE)	330	550	371	85	160	75	62	70	60	260	160	144	120	60	73	56	118

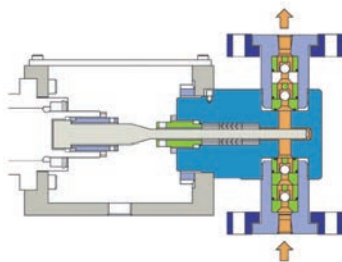
DIAPHRAGM PUMPS

HYDRAULIC END TYPE	A	B	C	D	E	F	G	H	I	L	M	N	O	P	R	S
HP (HIGH PRESSURE)	330	450	233	85	160	75	52	70	60	260	160	144	120	60	86	86
LP (LOW PRESSURE)	330	550	371	85	160	75	52	70	60	260	160	144	120	60	73	56

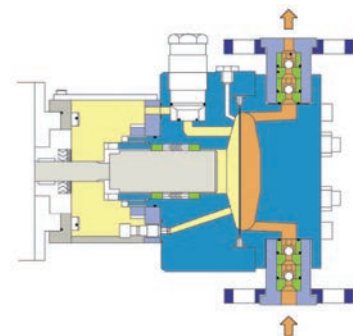
Single head L1 = L+N+P • Multi heads L2 = L+ N+ (O x N° of heads)+P

Pumping Heads

Typical high-pressure plunger pump with double ball valves



Typical diaphragm pump with double ball valves



SABI Srl

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