

Water Treatment

TAURUS

ELECTROMECHANICAL DOSING PUMPS



Main characteristics

- These pumps are plunger piston metering pumps featuring a spring return stroke in an aluminum housing in oil bath
- Each pump is equipped with manual flow adjustment and can be equipped with an electric actuator which accepts a 4÷20 mA or inverter

TP.15 piston version

- STROKE 15 mm
• 1,5 ÷ 304 lt/h max flow rate • 20 bar max pressure • 58-116 strokes/min fixed frequency • 6÷24 mm piston diameters • 0,18/0,25 kW standard IP55 motors

Water Treatment



Taurus – Performance data

PERFORMANCES TEST HAS BEEN DONE AT AMBIENT TEMPERATURE, WITH WATER, AT 1,5 mt SUCTION HEIGHT

MODELS	Ø PISTONS	STROKES/MIN.	FLOW RATES	PRESSURES SS316 / PVC	CONNECTIONS	WEIGHTS SS316 / PVC	MOTOR
TP15006A	6 mm	58	1,5 l/h	20 bar / 10 bar	1/4 " g.f.	9,8 Kg / 8,4 Kg	THREE PHASE 0,18 Kw SINGLE PHASE 0,25 kw
TP15006C	6 mm	116	3,0 l/h	20 bar / 10 bar	1/4 " g.f.	9,8 Kg / 8,4 Kg	
TP15011A	11 mm	58	5,0 l/h	20 bar / 10 bar	1/4 " g.f.	9,8 Kg / 8,4 Kg	
TP15011C	11 mm	116	10,0 l/h	25 bar / 10 bar	1/4 " g.f.	9,8 Kg / 8,4 Kg	
TP15017A	17 mm	58	11,0 l/h	20 bar / 10 bar	3/8" g.f.	9,8 Kg / 8,4 Kg	
TP15017C	17 mm	116	22,0 l/h	25 bar / 10 bar	3/8" g.f.	9,8 Kg / 8,4 Kg	
TP15025A	25 mm	58	25,0 l/h	20 bar / 10 bar	3/8" g.f.	9,8 Kg / 8,4 Kg	
TP15025C	25 mm	116	50,0 l/h	20 bar / 10 bar	3/8" g.f.	9,8 Kg / 8,4 Kg	

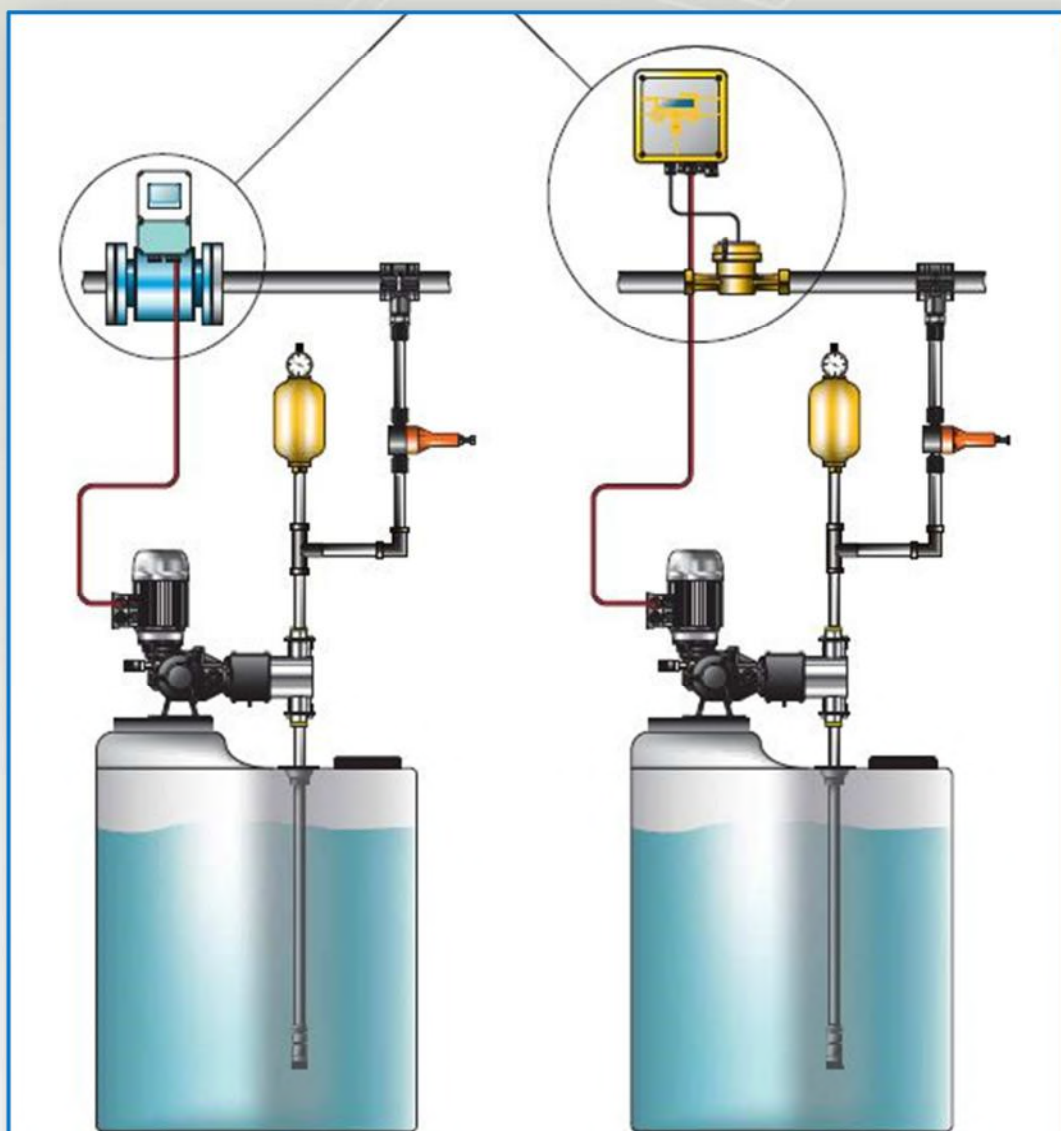
MODELS	Ø PISTONS	STROKES/MIN.	FLOW RATES	PRESSURES SS316 / PVC	CONNECTIONS	WEIGHTS SS316 / PVC	MOTOR
TP15030A	30 mm	58	35,0 l/h	20 bar / 10 bar	3/8" g.f.	11,2 Kg / 9,8 Kg	THREE PHASE 0,25 Kw SINGLE PHASE 0,37 kw
TP15030C	30 mm	116	70,0 l/h	20 bar / 10 bar	3/8" g.f.	11,2 Kg / 9,8 Kg	
TP15038A	38 mm	58	55,0 l/h	17 bar / 10 bar	3/8" g.f.	12,8 Kg / 10 Kg	
TP15038C	38 mm	116	110,0 l/h	17 bar / 10 bar	3/8" g.f.	12,8 Kg / 10 Kg	
TP15048A	48 mm	58	85,0 l/h	10 bar / 10 bar	1/2" g.f.	12,8 Kg / 10 Kg	
TP15048C	48 mm	116	170,0 l/h	10 bar / 10 bar	1/2" g.f.	12,8 Kg / 10 Kg	
TP15054A	54 mm	58	110,0 l/h	8 bar / 8 bar	1/2" g.f.	14,6 Kg / 10,3 Kg	
TP15054C	54 mm	116	220,0 l/h	8 bar / 8 bar	1/2" g.f.	14,6 Kg / 10,3 Kg	
TP15064A	64 mm	58	152,0 l/h	6 bar / 4 bar	3/4" g.f.	15,7 Kg / 10,5 Kg	
TP15064C	64 mm	116	304,0 l/h	6 bar / 4 bar	3/4" g.f.	15,7 Kg / 10,5 Kg	

Water Treatment

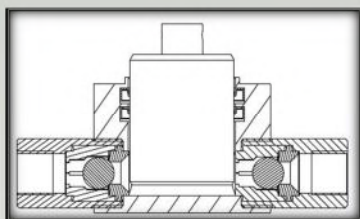


Example of installation

Flow measure through electromagnetic flow rate or signal from pulse emitter water meter and proportional dosing with motor pump with inverter

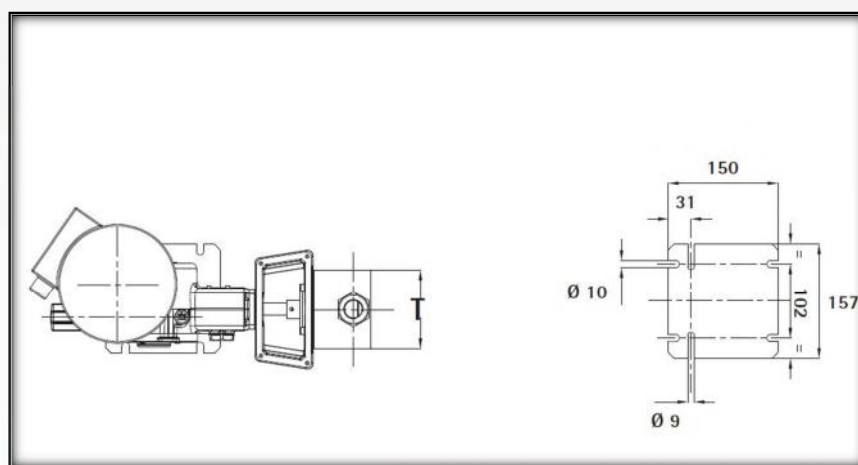
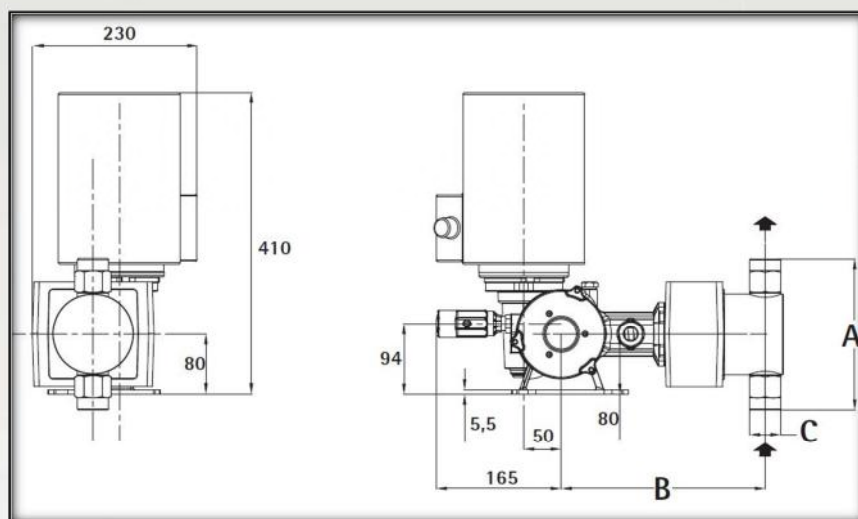


Water Treatment



- SS316 or PVC PUMP HEAD
- SS316 or CERAMIC PISTON

Dimensional drawings



Water Treatment



Ø PISTONI Ø PISTONS	SS316				PVC			
	A	B	C	T	A	B	C	T
6 mm	120	210	1/4 g .f.	68	157	216	1/4 g .f.	80
11 mm	120	210	1/4 g .f.	68	157	216	1/4 g .f.	80
17 mm	120	210	3/8 g .f.	68	147	216	3/8 g .f.	80
25 mm	120	215	3/8 g .f.	68	147	225	3/8 g .f.	80
30 mm	120	215	3/8 g .f.	68	147	225	3/8 g .f.	80
38 mm	160	227	3/8 g .f.	88	168	235	3/8 g .f.	100
48 mm	160	227	1/2 g .f.	88	196	240	1/2 g .f.	100
54 mm	173	229	1/2 g .f.	108	216	240	1/2 g .f.	120
64 mm	202	238	3/4 g .f.	108	222	250	3/4 g .f.	120