

Water Treatment

TAURUS TP.25 HP

HIGH PRESSURE ELECTROMECHANICAL DOSING PUMPS



Technical characteristics

- **Flow rates:** from 0.25 to 12 L/h
- **Max Pressure:** 100 bar (1450 psi)
- **Motor:** 0.55 kW - 3 ph (IP55)
- **Stroke rate:** 58 – 116 strokes/minute
- **Stroke length:** 25 mm
- **Piston diameter:** 6 mm ÷ 10 mm
- **Pump head:** SS 316 L
- **Max. dosing temperature:** 90° C
- **Ambient dosing temperature:** +5 ÷ +45 °C
- **Stocking temperature:** -10 ÷ +50 °C

Water Treatment



TP.25 HP Series performances covers from 0.25 to 12 l/h with 100 bar back pressure. Like other Taurus pump models, TP.25_HP have a spring return mechanism into an aluminum housing.

This model has 2 values of stroke rate, which can be set manually or automatically using a linear actuator which accepts a signal 4 – 20 mA. Moreover they can be supplied with a 3 phases electric motor with protection class IP55.

This pump can be used in all those applications that require a particularly economical and convenient solution for dosing small quantities of product with high backpressure (for example, into the boiler in the water treatment, up to 100 bar).

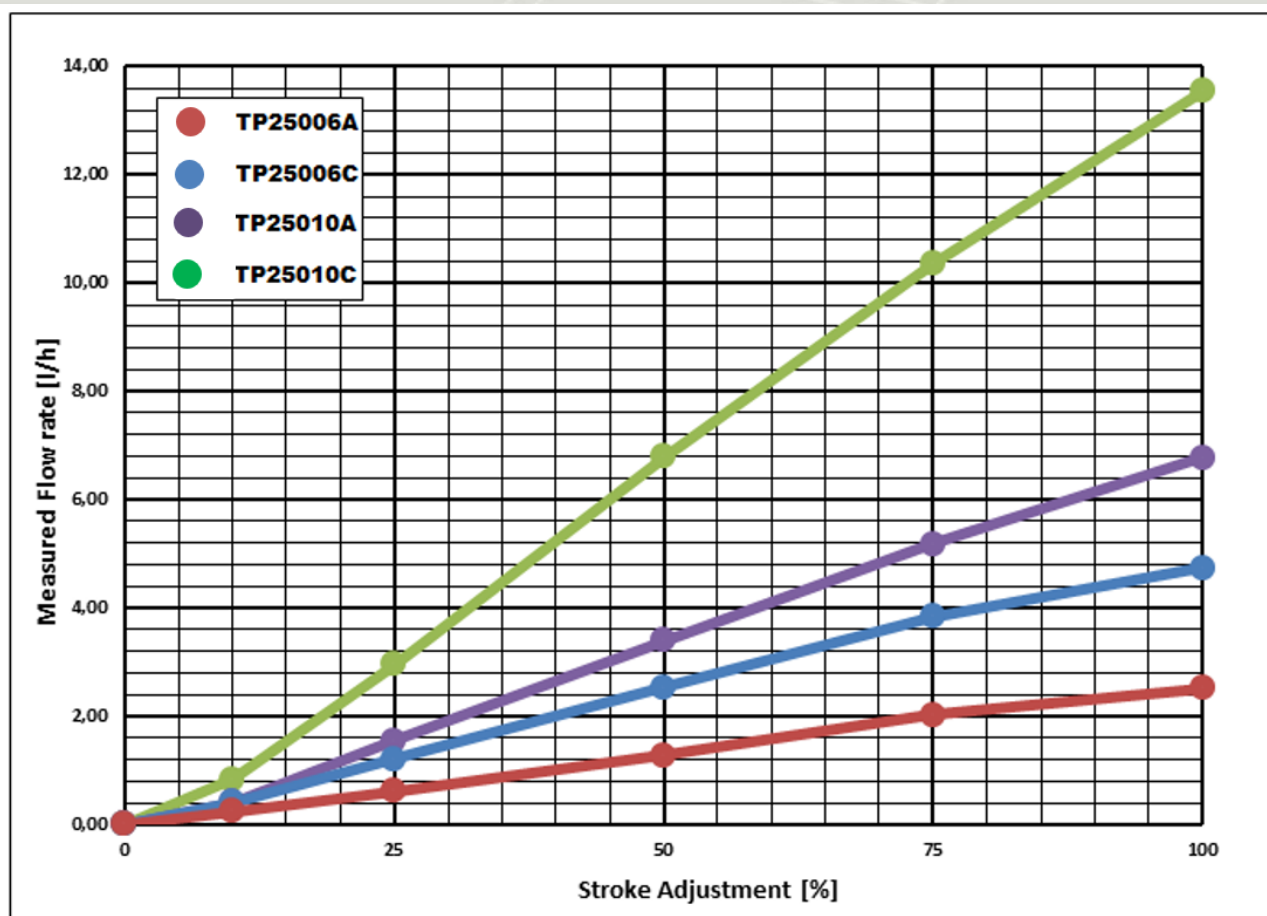
Hydraulic characteristics

Pump Model	Piston Diameter [mm]	Stroke/min	Flow rate		Max back pressure		Suction/Discharge Connection	Electric Motor 50/60 Hz 3 phases [kW]
					bar	p.s.i.		
			l/h	gl/h	SS 316L		SS 316L	
TP25006A TP25006C	6	58	2.5	0.66	100	1450	1/4" G M	0,55 (D4)
		116	5	1.32				
TP25010A TP25010C	10	58	6	1.58	100	1450	1/4" G M	0,55 (D4)
		116	12	3.17				

Water Treatment



Performance curves



Water Treatment



Dimensional drawings

