

## Screwed Connected Pneumatic Actuated Angle Seat Valves PP 1090 - 1091 Series

### APPLICATION

- Water, Air, Vapour
- Gas
- Chemicals
- Petroleum Products
- Food
- Pharmaceutical Products
- Sterilization
- Water Treatment
- Dyeing
- Packing Machine
- Drinking Water Station
- Vacuum Applications
- Oil, Petrol, Alcohol
- Hydraulic Oil
- Salt Water
- Natural Gas
- Acid

Switching Time : 30 - 40 ms  
 Viscosity of the Fluid : Max. 600mm<sup>2</sup>/s  
 Actuator Material : Fibre-glass reinforced polyamide (PAGF30)  
 Positioner and Switch Box : Mounted

Connection Type : Screwed and Flanged  
 Control Valve : 3/2 way TORK Solenoid Valve  
 Mounting Way : Fluid must be on the way of the arrow on the body  
 Body : Stainless Steel



PP 1090  
**NORMALLY CLOSE**  
 2/2 WAY

PP 1091  
**NORMALLY OPEN**  
 2/2 WAY



PP 1090 N.C.  
 PP 1091 N.O.

1. Top Entrance
2. Bottom Entrance

1/2" ... 2"

1. Gas and Vapour Application  
 2. Water Hammer Preventive Applications

Connection Size	Orifice Size	Working Pressure		Control Cylinder	Kv	Fluid Temperature		Seal	Valve Type/ Order No
		Bar	Bar			°C	°C		
G	mm	min	max	Ø	Lt/dk	min	max		PP 1090
1/2"	13	-1	16	50	70	-10	180	PTFE	PP 1090.03
3/4"	20	-1	16	50	141	-10	180	PTFE	PP 1090.04
1"	25	-1	16	50	166	-10	180	PTFE	PP 1090.05
1 1/4"	32	-1	16	63	416	-10	180	PTFE	PP 1090.06
1 1/2"	40	-1	16	63	583	-10	180	PTFE	PP 1090.07
2"	50	-1	16	80	666	-10	180	PTFE	PP 1090.08

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