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PILOT OPERATED PISTON TYPE STEAM VALVE

(Normally Close Open)

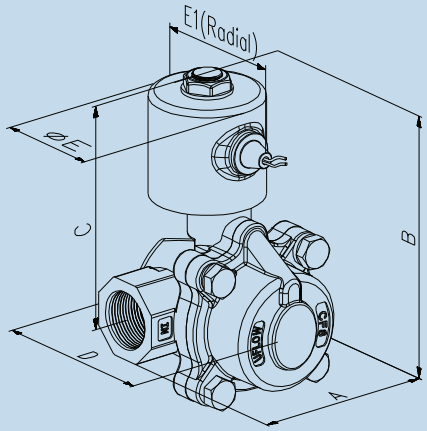
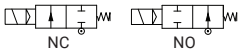


Diagram No. 13.1



SPECIFICATIONS

Port :	Refer below technical data sheet (Available BSP / NPT)
End Connection :	Screwed / Flange
Body Material :	SS ASTM A351 Grade CF8 / CF8M
Seal & 'O' Ring :	PTFE + Silicon / Viton
Media Temp :	-10° C to 180° C
Circumstance Temp :	-10° C to 70° C
Media :	Steam, Hot Water, Hot Fluid, Water Oil
Main Features :	Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for Food Industries, Pharmaceuticals, Chemical application & Highly corrosive environment.

Operating Voltage :	24AC	110AC	230AC	12DC	24DC
Power Consumption :	7W	8W	8W	10W	11W

Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.
Coil Housing :	Epoxy square coil, Metallic round enclosure, IP-67 Flame proof enclosure, IP-68 Weather proof enclosure.
Optional Feature :	90% Power saver series also available, Manual Override, Water hammering reducer also available to avoid water hammer forces.
Other Specification Data :	Available on Request

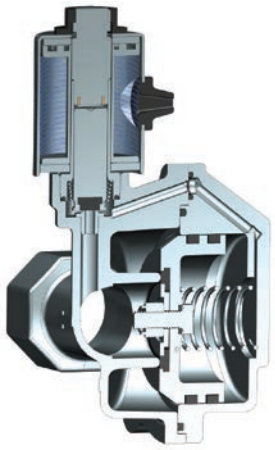
NOTE: Use of filter in the inlet port is recommended.

DIMENSION (NC)

All dimensions are in mm

Model No.	Port Size	Diagram No.	A	B	C	D	E	E1
HCP29	½"	13.1	67	122	94	60	44	57
HCP39	¾"	13.1	81	129.50	97	70	44	57
HCP49	1"	13.1	96	146	104	75	44	57
HCP69	1½"	13.1	108	172	117	96	44	57
HCP89	2"	13.1	132	191	125	114	44	57

In normally open valve dimension B&C will increase up to 8mm.



SECTION VIEW

TECHNICAL DATA

Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure Kg/cm²	Max. Operating Pressure Kg/cm²	Seal & Diaphragm Material	Flow Factor Kv m³ / hr
HCP29	CF8 / CF8M	½"	17	1.5	12	PTFE	4
HCP39	CF8 / CF8M	¾"	20	1.5	12	PTFE	7
HCP49	CF8 / CF8M	1"	25	1.5	12	PTFE	12
HCP59 / HCP69	CF8 / CF8M	1¼" / 1½"	36	1.5	12	PTFE	23
HCP89	CF8 / CF8M	2"	48	1.5	12	PTFE	38
HCP2A	CF8 / CF8M	½"	17	1.5	40	PTFE	3.50
HCP3A	CF8 / CF8M	¾"	20	1.5	40	PTFE	3.30
HCP4A	CF8 / CF8M	1"	25	1.5	40	PTFE	8.30
HCP5A / HCP6A	CF8 / CF8M	1¼" / 1½"	36	1.5	40	PTFE	17
HCP8A	CF8 / CF8M	2"	48	1.5	40	PTFE	31