

2-WAY, PILOT ACTING VALVE PRESSURE SHUT OFF VALVE

Parker Technical Specification No.: TS-14-A03

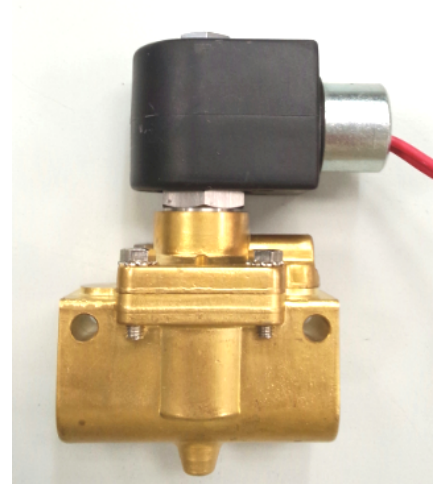
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Release by : Emma Xu

Functional Specifications:

Valve type	Two-way normally closed, pilot acting
Flow sequence	On-Off
Fluid media	Air, Nature gas, Inert gas, petroleum
Mounting position	Any orientation The preferred orientation is vertical and upright.
Cv factor	2.8
Internal Leakage	Less than 2cc/min. at 1 Kg/cm ² Less than 2cc/min. at 25 Kg/cm ²
External Leakage	Less than 1cc/min. at 25 Kg/cm ²



Physical Specifications:

Body/Cover Material	Brass
Seal Material	NBR
Sleeve, Plunger, Spring	Stainless steel, 303, 430Fr, 304
Process Connection	NPT 1/2 Other connection available on request

Electrical Specifications:

Operating Voltages	12VDC , 24V DC ,120VDC 24/60 ,110/50,120/60,220/50,240/60		
Coil list	H111B2	24/60	Class F standard
	H111P3	110/50,120/60	Class F standard
	H111Q3	220/50,240/60	Class F standard
	H111C1	12VDC	Class F standard
	H111C2	24V DC	Class F standard
	H111C6	120VDC	Class F standard

Operating Specifications

Fluid Temperature	-20 to 60°C (-4to140°F)
Ambient Temperature	-40 to 120°C (-40to248°F)

Operating Pressure Range 1~25 Kgf/cm²

Applications:

Nature gas engine

TABLE A: TECHNICAL INFORMATION

Valve P/N	Port Size (NPT)	Orifice size (mm)	Flow Factor Cv	Sealing	Body material	Admissible differential pressure (Kgf/cm ²)			Coil No.	Power AC/DC
						Min	AC	DC		
271DN45NC7L	1/2"	15.3	2.8	NBR	Brass	1	25	25	See list	10W

TABLE B: OUTLINE DIMENSIONS(Unit:mm)

See figure I

