

Valves for Refrigerant Gases

Twin phase valves

Product Features

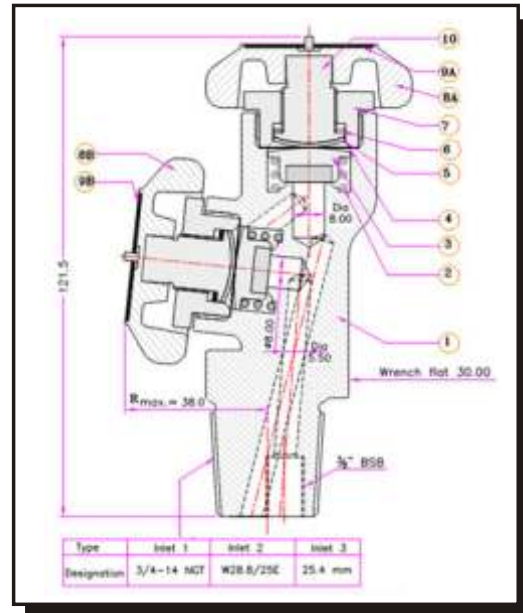
- Valve having two outlets, one for discharge of vapour phase and other for liquid phase (Valve inlet hole connected to liquid outlet port must be fitted with diptube).
- Lense washer between lubricated spindle and tip holder reduces friction between diaphragm and spindle assuring long wear resistance service life.
- Valve design meets design and test requirements of EN ISO 10297:2006 for maximum Test pressure (Pvt) of 50 Bar, tested and certified at BAM Berlin.
- Valves successfully tested for impact at 250J and can be used without valve protection for cylinder package mass not exceeding 69.4 kgs.
- Valve inlet hole for liquid phase threaded 3/8" BSB for dip tube fitment.
 - Optional : Outlet seal nut.
 - : Dip tube.
 - : PRV as per CGAS.1.1 with set pressure of 600 psig and flow discharge pressure of 800 psig.



Series : RDP-03

Torque Values

Closing	4 Nm
Gland Nut Installation	60 Nm



Material of Construction

Item No	Description	Qty	Material	
1	Body - Forged	1	High tensile brass	
2	Spring	2	Stainless steel	
3	Tip holder	2	Free cutting brass with nylon 66 tip	
4	Diaphragm	2 x 2	Stainless steel	
5	Lense washer	2	Nylon 6	
6	Friction washer	2		
7	Gland nut	2	Free cutting brass	
8A	Wheel	1	30% Glass filled nylon 6	For liquid side (red)
8B		1		For vapour side (blue)
9A/9B	Circular disc for hand wheel	2	Aluminum	
10	Spindle	2	Free cutting brass	

Service Chart

Gas service	Maximum Test Pressure of Cylinder - Bar	Outlet connection							
		IS 3224 : 2002		CGA V-1-2005		BS 341-3 : 2002 (Up to 250 Bar)BS 341		DIN 477-1:1990 (Up to 300 Bar)	
		No	Thread	No	Thread	No	Thread	No	Thread
Dichlorodifluoromethane (CCl ₂ F ₂) - R 12	50	5	G 5/8 A - RH	660	1.030 - 14 NGO - RH - EXT	6	G 5/8 A - RH	6	W 21.80 x 1/14
Chlorodifluoromethane (CHClF ₂) - R 22									
Dichlorofluoromethane (CHCl ₂ F) - R 21									
Trichlorofluoromethane (CCL ₃ F) - R 11									