

PRE-INSULATED BALL VALVE



Ball Valve For HVAC Industry

“RC” make Pre-insulated ball valve provides the quality with efficiency needed for piping work in the HVAC industry. The pre-insulated ball valve helps you to keep your ecological footprint low, reduces CO² and reduce the heating or cooling load on the system

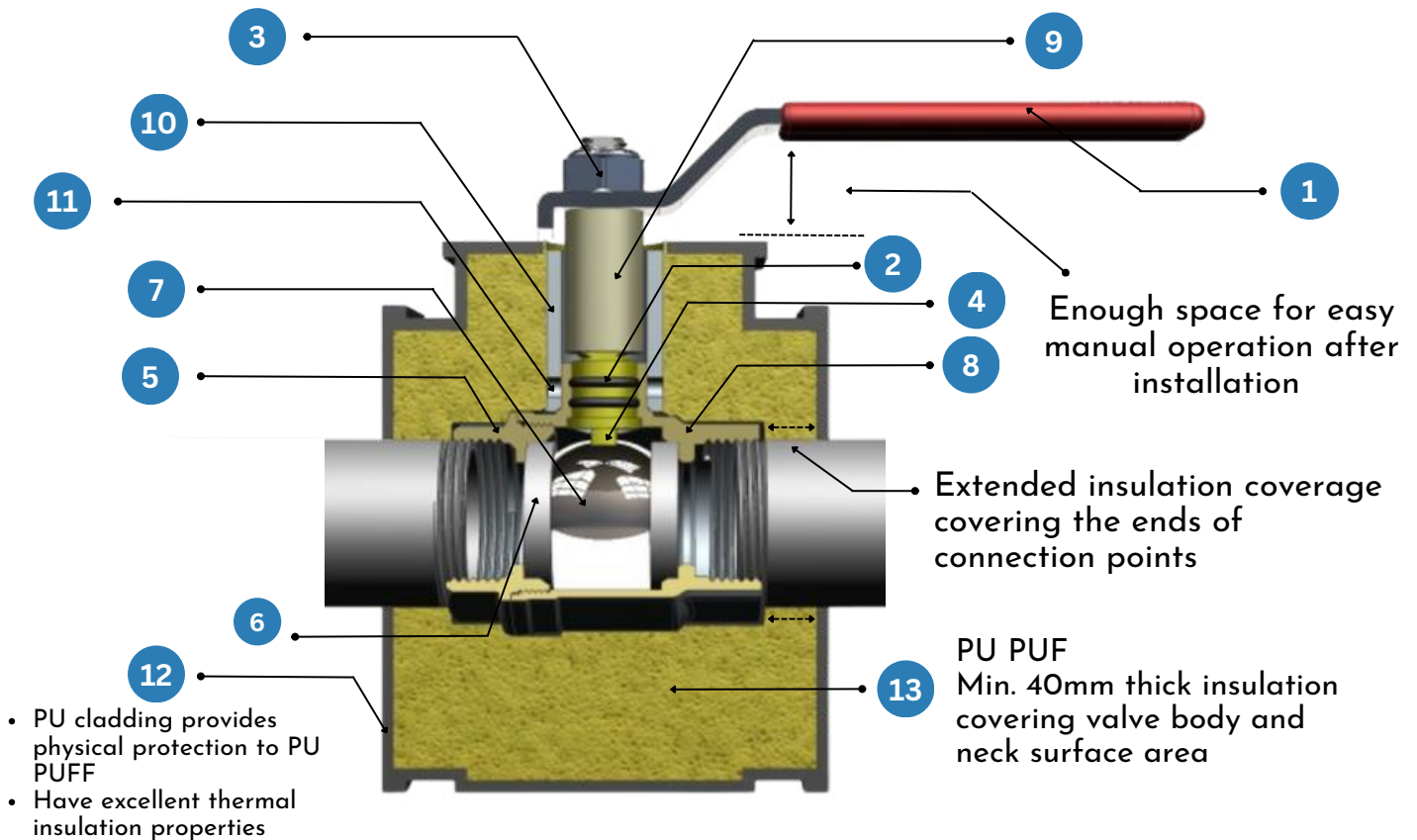
The insulation is done in such a way that it comes in contact with all of the surface area of the ball valve body, the insulation is protected by 3 mm thick TPU(HDPE) cladding to protect the PU PUF insulation material and increase the life of the insulation, valve insulation is closed cell polyurethane foam (PU PUF) with density of 40 Kg/cm³, with operation temperature range of -80°C to 180°C. The insulation is self fire extinguishing with retardant properties conforming to IS:11239

ADVANTAGES

- Reduce HVAC loads
- Space and weigh savings
- Quick, easy and firm fitting
- Condensation prevention
- Energy efficiency
- Durability and longevity
- Enhanced insulation performance



RAPID CONTROLS



Half Section Of Pre-Insulation Ball Valve with specification

S. No.	PART NAME	QTY	SPECIFICATION
1.	HANDLE	1	SS HANDLE WITH PVC SLEEVE
2.	GLAND	3	TRIPLE SEAL NBR O-RING
3.	HANDLE NUT	1	S.S. WITH NYLON LOCK
4.	BALL SPINDLE	1	BLOW OUT PROOF DESIGN
5.	BODY NUT	1	BRASS FORGED
6.	BALL SEAT	2	P.T.F.E.
7.	BALL	1	BRASS CROME PLATED
8.	BODY	1	BRASS FORGED
9.	EXTENDED NECK SPINDLE	1	BRASS
10.	EXTENDED NECK COVER	1	S.S.304
11.	GRUB SCREW	2	HARDENED
12.	CLADDING	2	TPU (HDPE)
13.	PU FOAM	2	40KG/DENSITY, FIRE PROOF

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