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**TECHNICAL DATA SHEET**  
**FULL BORE FORGED BRASS BALL VALVE ECO SERIES**

S.No.	DESCRIPTION	DETAILS	
1	MAKE	"RC"	
2	DESIGN TYPE	FULL BORE, TWO PIECE DESIGN, QUARTER TURN,HAND OPERATED,WITH AND WITHOUT STRAINER TYPE	
3	SIZE	<b>WITHOUT STRAINER</b>	<b>WITH STRAINER</b>
		15mm(F) x 15mm(F) 20mm(F) x 20mm(F) 25mm(F) x 25mm(F) 32mm(F) x 32mm(F) 40mm(F) x 40mm(F) 50mm(F) x 50mm(F)	20mm(F) x 20mm(F) 25mm(F) x 25mm(F) 32mm(F) x 32mm(F) 40mm(F) x 40mm(F)
4	BODY CONSTRUCTION	SIZE 15mm to 32mm BRASS FORGED IS:8737,NICKEL/CHROME ELECTROPLATED	
		SIZE 40mm & 50mm BRASS FORGED IS:319 GRADE DCB-II,NICKEL/CHROME ELECTROPLATED	
5	BODY NUT & STRAINER NUT CONSTRUCTION	SIZE 15mm to 32mm BRASS FORGED IS:8737,NICKEL/CHROME ELECTROPLATED	
		SIZE 40mm & 50mm BRASS FORGED IS:319 GRADE DCB-II,NICKEL/CHROME ELECTROPLATED	
6	BALL CONSTRUCTION	SIZE 15MM BRASS ROD IS:319,GRADE DCB-I CHROME PLATED	
		SIZE 25MM TO 50MM BRASS GRAVITY DIE CAST IS:1264 GRADE DCB-I,CHROME PLATED	
7	SPINDLE CONSTRUCTION	BRASS ROD IS:319 GRADE DCB-I	
8	STRAINER (ONLY WITH STRAINER)	S.S.304 EXPANDED METAL STRAINER	
9	GLAND AND MOC	NBR O-RING	
10	NECK DESIGN	STANDARD NECK DESIGN	EXTENDED NECK DESIGN (





11	<b>HANDLE CONSTRUCTION</b>	MS HANDLE ZINC/NICK EL/CHRO ME PLATED WITH PVC SLEEVE	S.S.304 HANDLE, WITH PVC SLEEVE	S.S.304 HANDLE, WITH PVC SLEEVE
12	<b>TYPE OF HANDLE</b>	<b>LEVER TYPE HANDLE</b>		
13	<b>HANDLE NUT</b>	MS ZINC PLATED WITH NYLON INSERT LOCK NUT	SS202 WITH NYLON INSERT LOCK NUT	SS202 WITH NYLON INSERT LOCK NUT
14	<b>NECK CONSTRUCTION</b>	NA		NECK EXTENSION WITH INTEGRAL MEMORY STOP
15	<b>PARTS &amp; MOC USED IN EXTENDED NECK DESIGN</b>	NA		EXTENSION SHELL - SS202 (MOC) , EXTENSION SHAFT - BRASS IS:319 GRADE DCB-I (MOC)
16	<b>DIMENSION OF EXTENDED NECK DESIGN</b>	NA		EXTENSION LENGTH OF 50MM
17	<b>BALL SEAT</b>	P.T.F.E SELF LUBRICATED		
18	<b>END CONNECTION</b>	FEMALE SCREWED END CONNECTION AS PER IS 554/BS 21/ISO 7		
19	<b>BODY/SHELL LEAKAGE TEST</b>	HYDROSTATIC @ 32 Kg/cm <sup>2</sup> (456 P.S.I.G.)		
20	<b>SEAT LEAKAGE TEST</b>	HYDROSTATIC @ 16 Kg/cm <sup>2</sup> (228 P.S.I.G.)		
21	<b>WORKING/OPERATING PRESSURE</b>	25 Kg/cm <sup>2</sup>		
22	<b>PN RATING</b>	PN25		
23	<b>MEDIA MAXIMUM TEMPERATURE RANGE</b>	0°C-220°C		

