

Reagent Handling Scheme (RHS)

ANNEXURE-1

Technical Details for ROTARY VALVES

S.No	Description	Unit	Requirments.
	Tag no:		14 RV-1A1/ 1A2/ 1B1/ 1B2 & 14 RV-2A1/ 2A2/ 2B1/ 2B2
	Total Quantity required		08 no's
	Equipment. No		14 RV-1A1/ 1A2/ 1B1/ 1B2 & 14 RV-2A1/ 2A2/ 2B1/ 2B2
33	Rotor	mm thk	SS mm 10 THK Vertical plates welded o pipe and SS-304 40/ SS mm 55 Dia shaft at centre ad 45 Dia at Brg.
34	Shaft	mm thk	
35	Drive unit		
36	Type		Direct
37	Absorbed Power at full lod	KW	
38	Installed Motor Rating	KW	
39	Type of Motor		
40	Degree of Protection		IP55
41	Type of speed Controller		VFD
42	Gear box size/ Ratio		
43	Coupling (Type/ Rating)		Geared/ at the time of detail engineering
44	Coupling Service Factor		1.5
45	Bearings		
46	Type		Roller Bearing
47	Make		SKF/ FAG
48	Model		
49	Weights		
50	Weight of total Unit	Tons	
51	Weiht of the heaviest components	Tons	
52	Accessories		
53	Speed Switch		Considered
54	Rotor Purge		Considered

NDays