



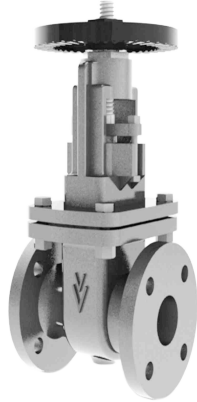
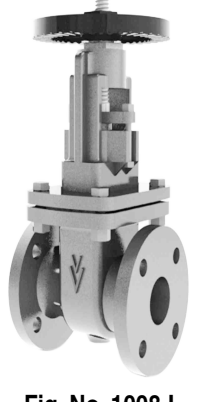
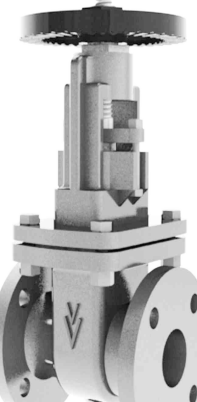




**w.e.f. 03-06-2019**

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
1	<b>“V V” C.I (ALL IRON) Gate Valve Clip Pattern,</b> Bolted Bonnet, Inside Screw, Rising Stem. Screwed Female ends B.S.P Parallel. B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.	 <b>Fig. No. 1011</b>	1 ½"	
			2"	
			2 ½"	
			3"	
			4"	
2	<b>“V V” C.I Gate Valve Clip Pattern,</b> Bolted Bonnet, Inside Screw, Rising Stem. Screwed Female ends B.S.P Parallel with <b>G.M working parts.</b> B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.	 <b>Fig. No. 1009</b>	1 ½"	2,010.00
			2"	2,720.00
			2½"	4,080.00
			3"	4,580.00
			4"	6,460.00
3	<b>“V V” C.I All Iron Sluice Valve.</b> Bolted Bonnet, Inside Screw, <b>Non Rising Stem,</b> Hand Wheel operated. Flanges as per B.S 10 Table 'D' (Undrilled/Drilled).  B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.	 <b>Fig. No. (F-54)</b>	1¼"	
			1 ½"	
			2"	
			2 ½"	
			3"	
			4"	
			5"	
			6"	
			8"	
			10"	
Size	1¼" 1½" 2" 2½" 3" 4" 5" 6" 8" 10"			
F to F (mm) appx.	143 143 152 159 172 184 197 203 240 330			
F Ø (mm) appx.	133 133 152 165 184 216 254 279 337 406			
4	<b>“V V” C.I Gate Valve.</b> Bolted Bonnet, Inside Screw, <b>Non Rising Stem,</b> hand wheel operated, <b>G.M Trim.</b> (Note:-Stem From S.S. AISI-410)  Flanges as per B.S 10 Table 'D' (Undrilled/Drilled).  B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.	 <b>Fig. No. (F-52)</b>	1¼"	2,635 .00
			1 ½"	2,635 .00
			2"	3,500 .00
			2 ½"	4,580 .00
			3"	5,300 .00
			4"	7,665 .00
			5"	9,865 .00
			6"	12,350 .00
			8"	22,790 .00
			10"	40,300 .00
Size	1¼" 1½" 2" 2½" 3" 4" 5" 6" 8" 10"			
F to F (mm) appx.	143 143 152 159 172 184 197 203 240 330			
F Ø (mm) appx.	133 133 152 165 184 216 254 279 337 406			



w.e.f. 03-06-2019

S.No.	DESCRIPTION											ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹	
5	<b>"V V" C.I Gate Valve.</b> Bolted Bonnet, Outside Screw & Yoke Type as per B.S 5150, <b>Rising Stem</b> , hand wheel operated, <b>13% Cr. S.S (A 276 Type 410) working parts.</b> Flanges as per ANSI B 16.5 CL-125 Flat Face (Undrilled/Drilled). B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.												1 1/2"	4,430.00	
													2"	5,335.00	
													2 1/2"	6,580.00	
													3"	8,925.00	
													4"	12,245.00	
<b>Size</b>		1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	6"	20,285.00		
<b>F to F (mm) appx.</b>		165	165	178	190	203	229	254	267	292	330	8"	30,970.00		
<b>F Ø (mm) appx.</b>		127	127	152	178	190	229	254	279	343	406	10"	45,740.00		
6	<b>"V V" C.I (All Iron) Gate Valve.</b> Bolted Bonnet, Outside Screw & Yoke Type as per BS: 5150, <b>Rising Stem</b> , hand wheel operated. Flanges as per ANSI B 16.5 CL-125 Flat Face (Undrilled/Drilled). B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.												1 1/2"		
													2"		
													2 1/2"		
													3"		
													4"		
<b>Size</b>		1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	6"			
<b>F to F (mm) appx.</b>		165	165	178	190	203	229	254	267	292	330	8"			
<b>F Ø (mm) appx.</b>		127	127	152	178	190	229	254	279	343	406	10"			
7	<b>"V V" C.I Gate Valve.</b> Bolted Bonnet, Outside Screw & Yoke Type as per BS: 5150, <b>G.M working Parts, Rising Stem</b> , hand wheel operated. Flanges as per ANSI B 16.5 CL-125 Flat Face (Undrilled/Drilled). B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.												1 1/2"		4,290.00
													2"		5,565.00
													2 1/2"	6,645.00	
													3"	8,795.00	
													4"	12,220.00	
<b>Size</b>		1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	6"	23,360.00		
<b>F to F (mm) appx.</b>		165	165	178	190	203	229	254	267	292	330	8"	32,380.00		
<b>F Ø (mm) appx.</b>		127	127	152	178	190	229	254	279	343	406	10"	47,850.00		




w.e.f. 03-06-2019

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
8	<p><b>“V V” C.I Globe Valve,</b> Straight Pattern, Bolted Bonnet, Outside Screw &amp; Yoke Type, <b>Rising Stem, with Back Seat</b> <b>Arrangement, Stainless Steel</b> <b>(A276 Type 410) working parts.</b> Flanges as per DIN 2533 PN 16 F.F or R.F (Undrilled/Drilled).</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd. S.T.P 16 Kg/cm<sup>2</sup> Hyd.</p>	 <p>BS:5160 Fig. No. 812</p>	15 mm	1,350.00
			20 mm	1,510.00
			25 mm	1,720.00
			32 mm	2,460.00
			40 mm	3,150.00
			50 mm	4,250.00
			65 mm	5,975.00
			80 mm	7,930.00
			100 mm	10,880.00
			125 mm	14,385.00
150 mm	20,940.00			
Size	15 20 25 32 40 50 65 80 100 125 150			
F to F (mm) appx.	130 150 160 180 200 230 290 310 350 400 480			
F Ø (mm) appx.	95 105 115 140 150 165 185 200 220 250 285			
<p><b>Note:</b> - (i) Needle Valves can be made on demand. (ii) PTFE Disc or Rubber Disc for <u>Air Service</u> can be made on demand. For only PTFE Disc the rates will be charged extra by 15% Nett.</p>				
8 (i)	<p><b>“V V” C.I 3 in 1 Valve/SDNR</b> <b>(Screw Down Non Return)</b> <b>Valve.</b> Rising Stem, Bolted Bonnet with Renewable PTFE Disc, SS/Gm Working Parts &amp; Stem Made of Stainless Steel (A276 Type 410) / Brass Spindle, Flanged Ends .</p> <p>Flanges as per DIN 2533 PN 16 F.F or R.F (Undrilled/Drilled).</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd. S.T.P 16 Kg/cm<sup>2</sup> Hyd.</p>	 <p>BS:5160 Fig. No. 812-S</p>	40 mm	3,615.00
			50 mm	4,890.00
			65 mm	6,865.00
			80 mm	9,100.00
			100 mm	12,500.00
Size	40 50 65 80 100			
F to F (mm) appx.	200 230 290 310 350			
F Ø (mm) appx.	150 165 185 200 220			



w.e.f. 03-06-2019

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
8 (a)	<p><b>“V V” C.I Globe Valve Angle Type.</b>                      Angle Pattern, Bolted Bonnet, Outside Screw &amp; Yoke Type, <b>Rising Stem, with Back Seat Arrangement, Stainless Steel (A276 Type 410) working parts.</b></p> <p>Flanges as per DIN 2533 PN 16 F.F or R.F (Undrilled/Drilled).</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd.                      S.T.P 16 Kg/cm<sup>2</sup> Hyd.</p>	 <p><b>Fig. No. 813.</b> BS:5160</p>	15 mm	1,510.00
			20 mm	1,715.00
			25 mm	1,940.00
			32 mm	2,770.00
			40 mm	3,545.00
			50 mm	4,790.00
			65 mm	6,720.00
			80 mm	8,925.00
			100 mm	12,245.00
			125 mm	16,200.00
150 mm	22,520.00			
Size	15 20 25 32 40 50 65 80 100 125 150			
C to F (mm) appx.	80 95 100 105 115 125 145 155 175 200 225			
F Ø (mm) appx.	95 105 115 140 150 165 185 200 220 250 285			
<p><b>Note:</b> - (i) Needle Valves can be made on demand.                      (ii) PTFE Disc or Rubber Disc for <u>Air Service</u> can be made on demand.                      For only PTFE Disc the rates will be charged extra by 15% Nett.</p>				
8 (ii)	<p><b>“V V” C.I. 3 in 1 Valve/SDNR (Screw Down Non Return) Valve. Right angle design.</b>                      Rising Stem, Bolted Bonnet with Renewable PTFE Disc, SS/Gm Working Parts &amp; Stem Made of Stainless Steel (A276 Type 410) / Brass Spindle, Flanged Ends .</p> <p>Flanges as per DIN 2533 PN 16 F.F or R.F (Undrilled/Drilled).</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd.</p>	 <p><b>Fig. No. 813-S</b> BS:5160</p>	40 mm	4,070.00
			50 mm	5,505.00
			65 mm	7,735.00
			80 mm	10,260.00
			100 mm	14,080.00
Size	40 50 65 80 100			
C to F (mm) appx.	115 125 145 155 175			
F Ø (mm) appx.	150 165 185 200 220			




w.e.f. 03-06-2019

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
<b>9</b>	<b>“V V” C.I Horizontal Lift Check Valve, Bolted Cover, S.S (ASTM A-276 Type 410) working parts.</b> Flanges as per DIN 2533 PN 16 F.F or R.F (Undrilled/Drilled). B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.		15 mm	1,145.00
			20 mm	1,280.00
			25 mm	1,510.00
			32 mm	1,980.00
			40 mm	2,510.00
			50 mm	3,320.00
			65 mm	4,480.00
			80 mm	6,445.00
			100 mm	8,470.00
			125 mm	11,795.00
150 mm	18,500.00			
<b>Size</b>	15 20 25 32 40 50 65 80 100 125 150			
<b>F to F (mm) appx.</b>	130 150 160 180 200 230 290 310 350 400 480			
<b>F Ø (mm) appx.</b>	95 105 115 140 150 165 185 200 220 250 285			
		<b>Fig. No. 349.</b>		
<b>9 (a)</b>	<b>“V V” C.I Lift Check Valve Right Angle Design, Bolted Cover, S.S (ASTM A-276 Type 410) working parts.</b> Flanges as per DIN 2533 PN 16 F.F or R.F (Undrilled/Drilled). B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.		15 mm	1,260.00
			20 mm	1,415.00
			25 mm	1,680.00
			32 mm	2,190.00
			40 mm	2,765.00
			50 mm	3,650.00
			65 mm	4,945.00
			80 mm	7,090.00
			100 mm	9,300.00
			125 mm	12,980.00
150 mm	20,370.00			
<b>Size</b>	15 20 25 32 40 50 65 80 100 125 150			
<b>C to F (mm) appx.</b>	80 95 100 105 115 125 145 155 175 200 225			
<b>F Ø (mm) appx.</b>	95 105 115 140 150 165 185 200 220 250 285			
		<b>Fig. No. 351</b>		
<b>10</b>	<b>“V V” C.I (All Iron) Swing Check Valve, Bolted Bonnet.</b>  Flanges as per ANSI B.16.5 class 125 Flat Face (Undrilled/Drilled).  B.T.P 20Kg/cm <sup>2</sup> Hyd. S.T.P 16 Kg/cm <sup>2</sup> Hyd.		1"	
			1 ¼"	
			1 ½"	
			2"	
			2 ½"	
			3"	
			4"	
			5"	
			6"	
			8"	
10"				
<b>Size</b>	1" 1¼" 1½" 2" 2½" 3" 4" 5" 6" 8" 10"			
<b>F to F (mm) appx.</b>	135 162 165 203 216 241 292 330 356 495 622			
<b>F Ø (mm) appx.</b>	110 122 127 152 178 190 229 254 279 343 406			
		<b>Fig. No. 345</b>		
		Face to Face as per IS:5312		
<p><b>For Sr. No. 9, 9 (a) and 10 as follows:</b>  <b>Note:</b> - (i) PTFE Disc or Rubber Disc for <b>Air Service</b> can be made on demand.                      For only PTFE Disc the rates will be charged extra by 15% Nett.</p>				



**w.e.f. 03-06-2019**

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
11	<p><b>“V V” C.I Swing Check Valve,</b> Bolted Bonnet, <b>G.M/ S.S</b> Working Parts.</p> <p>Flanges as per ANSI B.16.5 class 125 Flat Face (Undrilled/Drilled).</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd. S.T.P 16 Kg/cm<sup>2</sup> Hyd.</p>	 <p><b>Fig. No. 346- G.M Trim.</b> <b>Fig. No. 347- S.S Trim.</b></p> <p><b>Face to Face as per IS:5312</b></p>	1"	1,880.00
			1 ¼"	2,225.00
			1 ½"	2,225.00
			2"	3,200.00
			2 ½"	4,540.00
			3"	5,270.00
			4"	6,855.00
			5"	9,190.00
			6"	13,380.00
			8"	23,595.00
10"	39,585.00			
<p><b>Note:</b> - (i) PTFE Disc or Rubber Disc for <b>Air Service</b> can be made on demand. For only PTFE Disc the rates will be charged extra by 15% Nett.</p>				
12 (a)	<p><b>“V V” C.I Y-Type Strainer,</b> Bolted Cover fitted with S.S 304 Screen.</p> <p>Flanges as per B.S 10 Table 'F' (Undrilled/Drilled).</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd.</p> <p><b>Min. Flow Area 85% to 90%</b></p>		½"	
			¾"	
			1"	
			1 ¼"	
			1 ½"	
			2"	
			2 ½"	
			3"	
			4"	
			5"	
6"				

w.e.f. 03-06-2019

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹																																
12 (b)	<p><b>“V V” C.I Y-Type Strainer</b> Screwed Female Ends.</p> <p>Bolted Cover fitted with S.S 304 Screen.</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd.</p> <p><b>Min. Flow Area 85% to 90%</b></p>		½"																																	
			¾"																																	
			1"																																	
			1 ¼"																																	
			1 ½"																																	
			2"																																	
			2 ½"																																	
13	<p><b>“V V” C.I Gate Valve.</b> Bolted Bonnet, Inside Screw, <b>Non Rising Stem</b>, <b>S.S 13% Cr.</b> Working parts, hand wheel operated.</p> <p>Flanges as per B.S 10 Table 'D' (Undrilled/Drilled).</p> <p>B.T.P 20Kg/cm<sup>2</sup> Hyd. S.T.P 16 Kg/cm<sup>2</sup> Hyd.</p>	 <p style="text-align: center;"><b>Fig. No. (F-53)</b></p>	1 ½"																																	
			2"																																	
			2 ½"																																	
			3"																																	
			4"																																	
			5"																																	
			6"																																	
			8"																																	
			10"																																	
			<table border="1"> <tr> <td><b>Size</b></td> <td>1¼"</td> <td>1½"</td> <td>2"</td> <td>2½"</td> <td>3"</td> <td>4"</td> <td>5"</td> <td>6"</td> <td>8"</td> <td>10"</td> </tr> <tr> <td><b>F to F (mm) appx.</b></td> <td>143</td> <td>143</td> <td>152</td> <td>159</td> <td>172</td> <td>184</td> <td>197</td> <td>203</td> <td>240</td> <td>330</td> </tr> <tr> <td><b>F Ø (mm) appx.</b></td> <td>133</td> <td>133</td> <td>152</td> <td>165</td> <td>184</td> <td>216</td> <td>254</td> <td>279</td> <td>337</td> <td>406</td> </tr> </table>		<b>Size</b>	1¼"	1½"	2"	2½"	3"	4"	5"	6"	8"	10"	<b>F to F (mm) appx.</b>	143	143	152	159	172	184	197	203	240	330	<b>F Ø (mm) appx.</b>	133	133	152	165	184	216	254	279	337
<b>Size</b>	1¼"	1½"	2"	2½"	3"	4"	5"	6"	8"	10"																										
<b>F to F (mm) appx.</b>	143	143	152	159	172	184	197	203	240	330																										
<b>F Ø (mm) appx.</b>	133	133	152	165	184	216	254	279	337	406																										
14	<p><b>“V V” C.I Sluice Valve.</b> Bolted Bonnet, Inside Screw, <b>Non Rising Stem</b>, PN-1.0, IS-14846, <b>G.M</b> working parts</p> <p>Flanges as per IS-1536 F.F (Undrilled/Drilled). B.T.P 1.5MPa Hyd. S.T.P 1.0MPa Hyd.</p>		50 mm	4,775.00																																
			65 mm	5,620.00																																
			80 mm	7,025.00																																
			100 mm	10,030.00																																
			125 mm	11,515.00																																
			150 mm	15,590.00																																
			200 mm	22,810.00																																

**w.e.f. 03-06-2019**


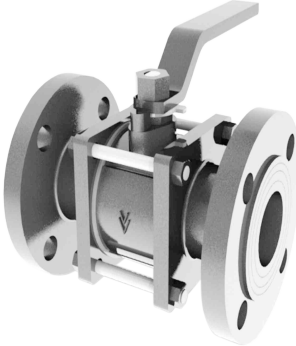

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
<b>15</b>	<p><b>“V.V” C.I Pulp Valve/Knife Edge Gate Valve, Pillar Type Design with S.S 304 Gate Rising Stem. Suitable for flanges between table E.</b></p> <p>For PTFE Packing 5% Extra.</p> <p>Suitable for Slurry Line.</p> <p>Not Suitable for Water.</p>		2"	2,640.00
			2 ½"	3,235.00
			3"	3,365.00
			4"	3,975.00
			5"	5,565.00
			6"	5,985.00
			8"	11,715.00
			10"	17,395.00
			12"	25,685.00
			14"	47,335.00
			16"	64,040.00
			18"	73,450.00
20"	98,480.00			
<b>15 a</b>	<p><b>“V.V” C.I Pulp Valve/Knife Edge Gate Valve, Pillar Type Design with S.S 304 Gate Rising Stem, SS 304 Body Ring and stem of AISI-410</b> Suitable for flanges between table E.</p> <p>For PTFE Packing 5% Extra.</p> <p>Suitable for Slurry Line.</p> <p>Not Suitable for Water.</p>		2"	4,040.00
			2 ½"	5,005.00
			3"	5,250.00
			4"	5,995.00
			5"	8,555.00
			6"	9,120.00
			8"	16,955.00
10"	24,915.00			






w.e.f. 03-06-2019

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
16	<p><b>“V V” C.I Foot Valve</b>, As per ISI Specification, Bolted Strainer with Rubber Disc, Screwed Female End.</p> <p>B.T.P 6Kg/cm<sup>2</sup> Hyd. S.T.P. 2kg/cm<sup>2</sup> Hyd.</p>		40 mm	690.00
			50 mm	690.00
			65 mm	745.00
			80 mm	1,075.00
			100 mm	1,800.00
			125 mm	2,360.00
			150 mm	3,350.00
16 a	<p><b>“V V” C.I Foot Valve</b>, As per ISI Specification, Bolted Strainer with Rubber Disc, Flange End. Flange Drilled to Table E.</p> <p><b>PN 6 Design</b></p> <p>B.T.P 6Kg/cm<sup>2</sup> Hyd. S.T.P. 2kg/cm<sup>2</sup> Hyd.</p>		50 mm	2,415.00
			65 mm	2,625.00
			80 mm	2,835.00
			100 mm	3,365.00
			125 mm	3,980.00
			150 mm	5,615.00
16 b	<p><b>“V V” C.I Heavy Duty Foot Valve</b>, Bolted Strainer with Renewable Rubber Disc, Flange End. Flange Drill to Table E.</p> <p><b>PN 10 Design</b></p> <p>(Specially for Fire Fighting Line)</p> <p>Suitable upto 10Kg/cm<sup>2</sup> Hyd.</p>		3"	3,150.00
			4"	4,165.00
			6"	7,520.00
			8"	10,385.00
			10"	31,500.00




**w.e.f. 03-06-2019**

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
17	<p><b>“V V” C.I Gate Valve TO IS-14846</b>, Bolted Bonnet, O/S &amp; Yoke Type, <b>Rising Stem</b>, G.M working parts</p> <p>Flanges as per IS-1536 F.F (Undrilled/Drilled).</p> <p>B.T.P 1.5MPa Hyd. S.T.P 1.0MPa Hyd.</p>		50 mm	
			65 mm	
			80 mm	
			100 mm	
			125 mm	
			150 mm	
			200 mm	
			250 mm	
18	<p><b>“V V” C.I Ball Valve.</b> S.S 304 Ball, Three Piece Design, Full Bore with M.S Lever. <b>PTFE O-RING.</b> Flanges as per ASA B 16.5 Class-150 (Drilled/Undrilled).</p> <p>B.T.P 20 Kg/cm<sup>2</sup> Hyd. S.T.P 16 Kg/cm<sup>2</sup> Hyd.</p>		15 mm	
			20 mm	
			25 mm	
			32 mm	
			40 mm	
			50 mm	
			65 mm	
			80 mm	
			100 mm	
			125 mm	
19	<p><b>“V V” Alpha Valve.</b></p>		4"	910.00
			6"	1,220.00
			8"	1,980.00
			10"	2,285.00
			12"	2,965.00




### CAST CARBON STEEL w.e.f. 03-06-2019

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
1	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Gate Valve CL-150.</b></p> <p><u>Gate Valve TO BS 1414/API 600</u> O/s &amp; Yoke Type Bolted Bonnet, Solid Wedge, Stainless Steel (13% Cr.) Trim. Flanges TO ANSI-B 16.5, CL-150 R.F (Undrilled/Drilled).</p> <p>B.T.P : 425 psig Hyd. S.T.P : 300 psig Hyd. 100 psig Air.</p>	 <p>Fig. No. 1013</p>	1 ½”	7,500.00
			2”	9,500.00
			2 ½”	11,500.00
			3”	12,600.00
			4”	16,900.00
			5”	22,600.00
			6”	28,000.00
			8”	40,700.00
			10”	75,800.00
2	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Gate Valve CL-300.</b></p> <p><u>Gate Valve TO BS 1414/API 600</u> O/s &amp; Yoke Type Bolted Bonnet, Solid Wedge, Stainless Steel (13% Cr.) Trim. Flanges TO ANSI-B 16.5, CL-300 R.F (Undrilled/Drilled). B.T.P : 1125 psig Hyd. S.T.P : 750 psig Hyd. 100 psig Air.</p>	 <p>Fig. No. 1014</p>	1 ½”	9,165.00
			2”	11,490.00
			2 ½”	15,865.00
			3”	18,100.00
			4”	23,725.00
			5”	36,640.00
			6”	46,350.00
			8”	69,800.00
3	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Swing Check Valve CL-150.</b></p> <p><u>Swing Check Valve TO BS 1868.</u> Bolted Bonnet, Stainless Steel (13% Cr.) Trim.</p> <p>Flanges as per ANSI B 16.5 CL-150 R.F (Undrilled/Drilled).</p> <p>B.T.P : 425 psig Hyd. S.T.P : 300 psig Hyd. 100 psig Air.</p>	 <p>Fig. No. 5051.</p>	1 ½”	5,100.00
			2”	6,530.00
			2 ½”	9,470.00
			3”	11,330.00
			4”	14,460.00
			5”	20,650.00
			6”	23,225.00
			8”	40,650.00

**w.e.f. 03-06-2019**

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
4	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Swing Check Valve CL-300.</b>                      Swing Check Valve TO BS 1868.                      Bolted Bonnet, Stainless Steel (13% Cr.) Trim.                      Flanges as per ANSI B 16.5 CL-300 R.F (Undrilled/Drilled).</p> <p>B.T.P : 1125 psig Hyd.                      S.T.P : 750 psig Hyd.</p>	 <p>Fig. No. 5052.</p>	1 ½”	7,450.00
			2”	9,650.00
			2 ½”	13,575.00
			3”	15,865.00
			4”	22,600.00
			5”	30,970.00
			6”	40,740.00
			8”	58,800.00
5	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Globe Valve.</b></p> <p>Globe Valve TO DIN 2401,                      PN 40/BS 5160, O/s &amp; Yoke Type,                      Bolted Bonnet, Stainless Steel (13% Cr.) Trim.                      Flanges as per DIN Std. 2545 NP-40 R.F (Undrilled/Drilled).</p> <p>B.T.P : 40 Kg/cm<sup>2</sup> Hyd.                      S.T.P : 30 Kg/cm<sup>2</sup> Hyd.</p>	 <p>Fig. No. 1019.</p>	15 mm	2,910.00
			20 mm	3,170.00
			25 mm	3,715.00
			32 mm	5,210.00
			40 mm	5,765.00
			50 mm	7,345.00
			65 mm	11,075.00
			80 mm	13,820.00
			100 mm	17,875.00
			125 mm	24,990.00
150 mm	33,920.00			
6	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Globe Valve.</b></p> <p>Globe Valve TO ASA-Class 150                      O/s &amp; Yoke Type, Bolted Bonnet,                      Stainless Steel (13% Cr.) Trim.                      Flanges Drilled to # 150</p> <p>B.T.P : 30 Kg/cm<sup>2</sup> Hyd.                      S.T.P : 20 Kg/cm<sup>2</sup> Hyd.</p>		1”	1,935.00
			1 ½”	3,550.00
			2”	4,520.00

w.e.f. 03-06-2019

S.No.	DESCRIPTION	ILLUSTRATION	SIZE inch/mm	UNIT RATE ₹
7	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Horizontal Lift Non Return Valve (HL-NRV).</b></p> <p>HL-NRV Valve TO DIN 2401, Bolted Bonnet, Stainless Steel (13% Cr.) Trim. Flanges as per DIN Std. 2545 NP-40 R.F (Undrilled/Drilled).</p> <p>B.T.P : 40 Kg/cm<sup>2</sup> Hyd. S.T.P : 30 Kg/cm<sup>2</sup> Hyd.</p>	 <p style="text-align: center;">Fig. No. 1020.</p>	15 mm	2,585.00
			20 mm	2,785.00
			25 mm	3,275.00
			32 mm	4,135.00
			40 mm	4,405.00
			50 mm	5,685.00
			65 mm	9,035.00
			80 mm	11,940.00
			100 mm	15,580.00
			125 mm	21,275.00
150 mm	29,420.00			
8	<p><b>“V V” Cast Steel (A-216 Gr. WCB) Y- Type Strainer.</b></p> <p>Flanged ends with S.S Screen CL-150.</p> <p>B.T.P : 425 psig Hyd.</p> <p><b>Min. Flow Area 85% to 90%</b></p>		½”	2,480 .00
			¾”	2,890 .00
			1”	3,170 .00
			1 ¼”	4,065 .00
			1 ½”	4,410 .00
			2”	6,350 .00
			2 ½”	8,695 .00
			3”	11,175.00
			4”	17,075.00
			5”	24,675.00
6”	34,750.00			
9	<p><b>“V.V” C.S Pulp Valve/Knife Edge Gate Valve.</b></p> <p>Pillar Type Design with S.S 304 Gate Rising Stem, Stem Made of SS AISI-410. Suitable for flanges between table E.</p> <p>For PTFE Packing 5% Extra.</p> <p>Suitable for Slurry Line.</p> <p>Not Suitable for Water.</p>		2”	3,470.00
			2 ½”	4,325.00
			3”	4,425.00
			4”	5,200.00
			5”	9,415.00
			6”	10,425.00
			8”	18,370.00

w.e.f. 03-06-2019

**Flanges & Drilling Particulars**

BS.10 Table -'D'

Size	Outside Dia.		P.C.D.		No. of Holes	Dia. of Hole	
1 ½"	5¼"	133mm	37/8"	99mm	4	5/8"	16mm
2"	6"	153mm	4 ½"	114mm	4	3/4"	19mm
2 ½"	6 ½"	165mm	5"	127mm	4	3/4"	19mm
3"	7¼"	184mm	5¾"	146mm	4	3/4"	19mm
4"	8 ½"	215mm	7"	178mm	4	3/4"	19mm
5"	10"	254mm	8 ¼"	210mm	8	3/4"	19mm
6"	11"	280mm	9¼"	235mm	8	3/4"	19mm
8"	13 ¼"	336mm	11 ½"	292mm	8	3/4"	19mm
10"	16"	406mm	14"	355mm	8	3/4"	19mm

B.S.10 -Table-'E'

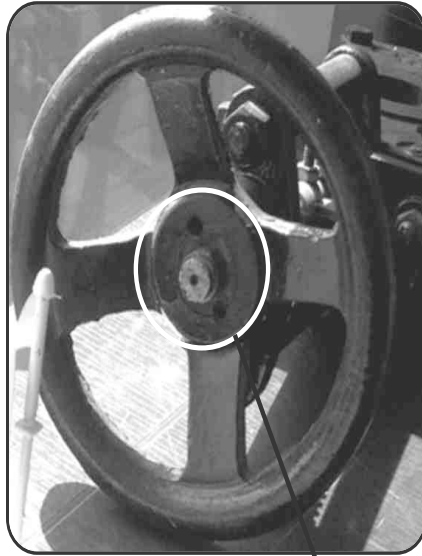
1 ½"	5¼"	133mm	37/8"	99mm	4	5/8"	16mm
2"	6"	153mm	4 ½"	114mm	4	3/4"	19mm
2 ½"	6 ½"	165mm	5"	127mm	4	3/4"	19mm
3"	7¼"	184mm	5¾"	146mm	4	3/4"	19mm
4"	8 ½"	215mm	7"	178mm	8	3/4"	19mm
5"	10"	254mm	8 ¼"	210mm	8	3/4"	19mm
6"	11"	280mm	9¼"	235mm	8	3/4"	19mm
8"	13¼"	336mm	11 ½"	292mm	8	3/4"	19mm
10"	16"	406mm	14"	355mm	12	7/8"	22mm

ANSI-B16.5 ASA#150

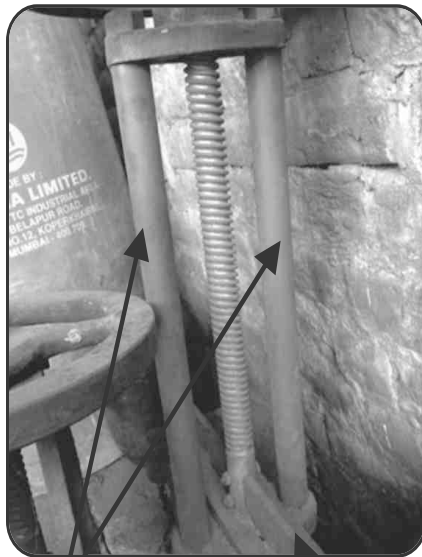
1 ½"	5"	127mm	3 7/8"	99mm	4	5/8"	16mm
2"	6"	153mm	4 ¾"	122mm	4	3/4"	19mm
2 ½"	7"	178mm	5 ½"	140mm	4	3/4"	19mm
3"	7 ½"	191mm	6"	153mm	4	3/4"	19mm
4"	9"	229mm	7 ½"	191mm	8	3/4"	19mm
5"	10"	254mm	8 ½"	215mm	8	3/4"	19mm
6"	11"	280mm	9 ½"	242mm	8	3/4"	19mm
8"	13 ½"	343mm	11 ¾"	300mm	8	3/4"	19mm
10"	16"	406mm	14 1/4"	362mm	12	7/8"	22mm

## Comparison Chart For Pulp/Knife Edge Gate Valve of "V V" Make With Other Brands

### Other Make



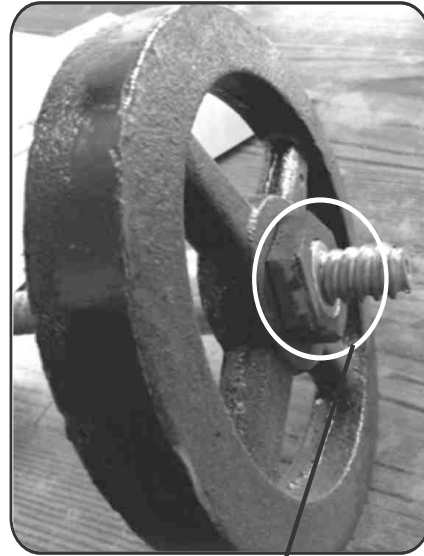
Locked by using Pins Lead to failure of wheel with Sleeve while frequent operation



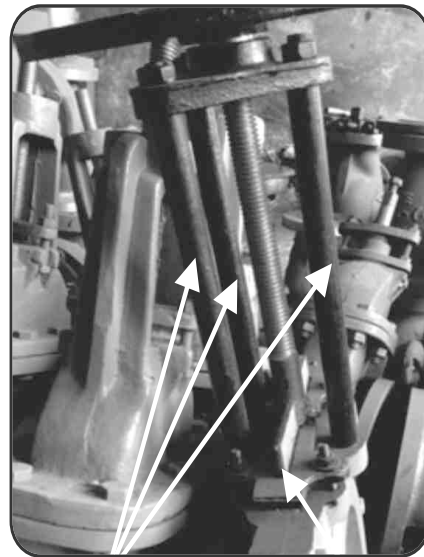
2 Pillars Provided in 12" Size Pulp Valve

8 mm thickness of Plate

### V V Make



Wheel tighten using Hex. (C.I) check nut, wheel will never be free.

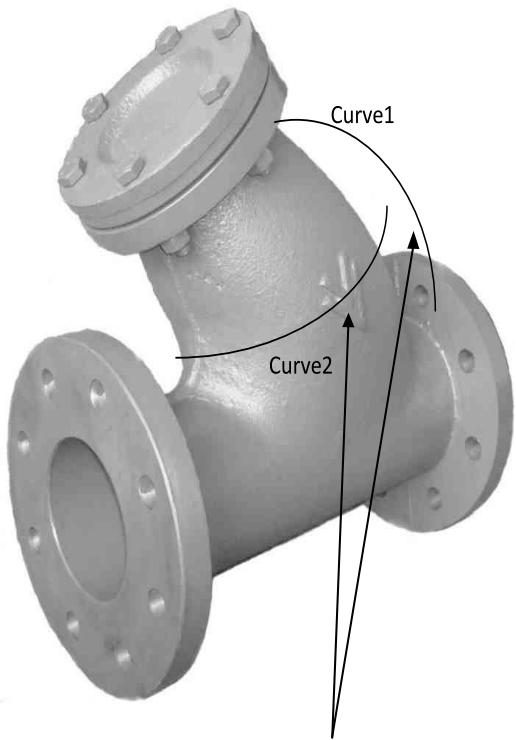
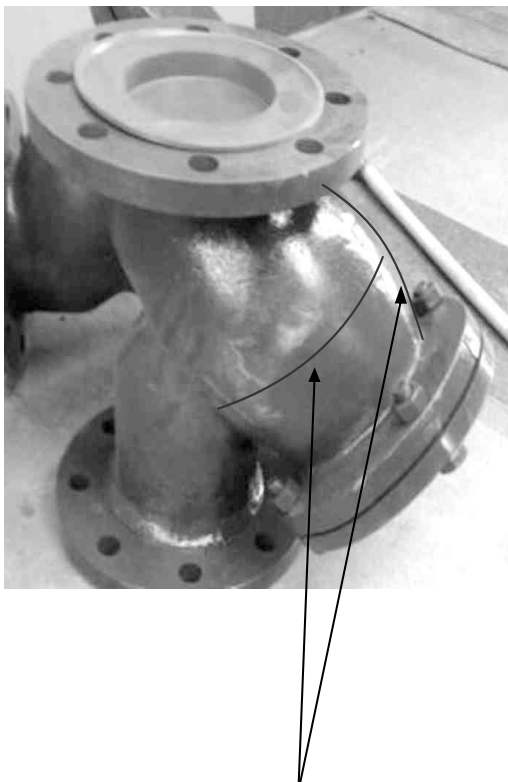


3 Pillars Provided in Size 8", 10", 12" Pulp Valve, Leading to Sturdy Design

Plate Thickness 8mm in Size 8" 10mm in Size 10" 6mm in Size 6"

**NOTE : Pulp Valve & Knife Edge Gate Valve are same as these valves are suitable for only slurry application. Not Suitable for Water.**

## Comparison Chart for Y Type Strainers Flanged Ends

“V V” Brand Size 4” Design	Other Brand Size 4” Design
<div style="text-align: center;">  </div> <ol style="list-style-type: none"> <li>1. Greater the Area greater will be the efficiency of Strainer.</li> <li>2. More the Length of Curve1 Less maintenance of valve.</li> <li>3. Less Chocking of Strainers.</li> <li>4. Curve2 should be 2.5times the Dia. Of Bore for Full Flow area in strainers.</li> <li>5. Max Flow Area of “V V” Strainer is 85% to 90%.</li> </ol>	<div style="text-align: center;">  </div> <ol style="list-style-type: none"> <li>1. Lesser the Area lesser will be the efficiency of Strainer.</li> <li>2. Short the Length of Curve1 More maintenance of valve.</li> <li>3. More Chocking of Strainers.</li> <li>4. Minimum Flow Area of strainers.</li> </ol>

## COMPARISON CHART OF FOOT VALVE

“V V” Foot Valve	Ball Type Design
<ol style="list-style-type: none"> <li>1. Rubber Washer can be Replaced in house</li> <li>2. Metal seating which require no maintenance.</li> <li>3. Easy replacement of spares</li> <li>4. Cheaper compare to ball type</li> </ol>	<ol style="list-style-type: none"> <li>1. Spare ball required from manufacturer during maintenance.</li> <li>2. O Ring Gets damaged, you need to replace valve.</li> <li>3. Tedious design.</li> <li>4. Expensive</li> </ol>