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02	PRODUCT : LEADER GATE VALVE Product Standard : IS:778 Pressure/Class Rating : Class - 1 Body Material Cum Std. : GM (IS 318 LTB 2) Product Description : Screwed in Bonnet, Inside screw, Non rising Stem Type of Seat : Integral Seat Type of Wedge : Solid Wedge Trim : Cu - alloy End Details : Screwed female threads to IS:554 (Parallel) Test Pressure : B.T.P. - 1.5 MPa Hyd. : S.T.P. - 1.0 MPa Hyd.	IS 001 B 8 973 IS 001 C 10 973 IS 001 D 15 1208 IS 001 F 20 1577 IS 001 G 25 2048 IS 001 H 32 3421 IS 001 I 40 4312 IS 001 J 50 6059 IS 001 K 65 10584 IS 001 L 80 16749 IS 001 N 100 33465	 	
05	PRODUCT : LEADER GATE VALVE Product Standard : IS:778 Pressure/Class Rating : Class - 1 Body Material Cum Std. : GM (IS 318 LTB 2) Product Description : Screwed in Bonnet, Inside Screw, Non Rising Stem Type of Seat : Integral Seat Type of Wedge : Solid Wedge Trim : Cu - alloy Gland Packing : Lubricated Hemp and Jute End Details : Flanges as per IS:778 Class - 1 F.F. (Undrilled) Test Pressure : B.T.P. - 1.5 MPa Hyd. : S.T.P. - 1.0 MPa Hyd.	IS 004 D 15 3222 IS 004 F 20 4323 IS 004 G 25 6260 IS 004 H 32 9210 IS 004 I 40 12294 IS 004 J 50 16485 IS 004 K 65 25298 IS 004 L 80 32356 IS 004 N 100 53057	 	
Sr. No.	Product Description	Code No. Item / Size	Size in mm	Unit Rate in (Rs.)
13	PRODUCT : LEADER GLOBE VALVE Pressure Standard : IS : 778 Pressure/Class Rating : Class - 1 Body Material Cum Std. : GM (IS 318 LTB 2) Product Description : Screwed in Bonnet, Inside Screw, Rising Stem Type of Seat : Integral Seat Type of Disc : Renewable Disc Trim : Cu-alloy End Details : Screwed Female Threads to IS : 554 (Parallel) Test Pressure : B.T.P. - 1.5 MPa Hyd. : S.T.P. - 1.0 MPa Hyd.	IS 013 B 8 838 IS 013 C 10 838 IS 013 D 15 1101 IS 013 F 20 1243 IS 013 G 25 1958 IS 013 H 32 3791 IS 013 I 40 4323 IS 013 J 50 6591 IS 013 K 65 14439 IS 013 L 80 19485 IS 013 N 100 38759	 	
15	PRODUCT : LEADER GLOBE VALVE Pressure Standard : IS : 778 Pressure/Class Rating : Class - 1 Body Material Cum Std. : GM (IS 318 LTB 2) Product Description : Screwed in Bonnet, Inside Screw, Rising Stem Type of Seat : Integral Seat Type of Disc : Renewable Disc Trim : Cu-alloy End Details : Flanges as per IS : 778 Class-1 F.F. (Undrilled) Test Pressure : B.T.P. - 1.5 MPa Hyd. : S.T.P. - 1.0 MPa Hyd.	IS 015 D 15 3329 IS 015 F 20 4569 IS 015 G 25 6081 IS 015 H 32 9849 IS 015 I 40 12415 IS 015 J 50 16590 IS 015 K 65 26289 IS 015 L 80 30266 IS 015 N 100 62570	 	

Sr. No.	Product Description		Code No. Item / Size	Size in mm	Unit Rate in (Rs.)
19	PRODUCT	: LEADER HORIZONTAL LIFT CHECK VALVE	IS 021 D	15	910
	Product Standard	: IS : 778	IS 021 F	20	1234
	Pressure/Class Rating	: Class - 1	IS 021 G	25	1829
	Body Material Cum Std.	: GM (IS 318 LTB 2)	IS 021 H	32	3336
	Product Description	: Screwed in Cover	IS 021 I	40	3789
	Type of Seat	: Integral Seat	IS 021 J	50	5787
	Trim	: Cu-alloy	IS 021 K	65	10493
	End Details	: Screwed female threads to IS:554 (Parallel)	IS 021 L	80	19612
	Test Pressure	: B.T.P. - 1.5 MPa Hyd.	IS 021 N	100	37888
		: S.T.P. - 1.0 MPa Hyd.	 		
20	PRODUCT	: LEADER HORIZONTAL LIFT CHECK VALVE	IS 022 D	15	3581
	Product Standard	: IS : 778	IS 022 F	20	4837
	Pressure/Class Rating	: Class - 1	IS 022 G	25	8309
	Body Material Cum Std.	: GM (IS 318 LTB 2)	IS 022 H	32	10542
	Product Description	: Screwed in Cover	IS 022 I	40	12646
	Type of Seat	: Integral Seat	IS 022 J	50	14970
	Trim	: Cu-alloy	IS 022 K	65	22006
	End Details	: Flanges as per IS : 778 CL-1 FF (Undrilled)	IS 022 L	80	36097
	Test Pressure	: B.T.P. - 1.5 MPa Hyd.	IS 022 N	100	53620
		: S.T.P. - 1.0 MPa Hyd.			
23	PRODUCT	: LEADER VERTICAL LIFT CHECK VALVE	IS 025 D	15	777
	Product Standard	: IS : 778	IS 025 F	20	971
	Pressure/Class Rating	: Class - 1	IS 025 G	25	1468
	Body Material Cum Std.	: GM (IS 318 LTB 2)	IS 025 H	32	2321
	Product Description	: Integral Seat	IS 025 I	40	2861
	Trim	: Cu-alloy, Spring: PH.Bronze	IS 025 J	50	4832
	End Details	: Screwed Female Threads to IS:554 (Parallel)	IS 025 K	65	7693
	Test Pressure	: B.T.P. - 1.5 MPa Hyd.	IS 025 L	80	10710
		: S.T.P. - 1.0 MPa Hyd.	IS 025 N	100	19698
		  Suitable for Horizontal & Vertical Installation			
01	PRODUCT	: LEADER BALL VALVE	GM 200 B	1/4 8	394
	Pressure/Class Rating	: PN - 25	GM 200 C	3/8 10	394
	Body Material Cum Std.	: Forged Brass (EN12165 Gr. CW617N) Nickel Plated	GM 200 D	1/2 15	452
	Port Opening	: Full Bore	GM 200 F	3/4 20	611
	Product Description	: Two Piece Design, Lever Operated	GM 200 G	1 25	963
	Type of Seat	: Renewable PTFE Seat	GM 200 H	1-1/4 32	1696
	Ball	: Machined Brass Cr. Plated	GM 200 I	1-1/2 40	2401
	Stem	: Machined Hot Rolled Brass	GM 200 J	2 50	3855
	End Details	: Screwed Female BSP Parallel Threads	GM 200 K	2-1/2 65	8902
	Test Pressure	: B.T.P. - 30 Bar Hyd.	GM 200 L	3 80	15344
	: S.T.P. - 22 Bar Hyd.	GM 200 N	4 100	24556	
	: 6.9 Bar AIR				
06	PRODUCT	: LEADER FORGED BRASS AIR RELEASE VALVE	GM 210 D	1/2 15	730
	Pressure Class Rating	: PN - 16	GM 210 F	3/4 20	821
	Body Material Cum Std.	: Forged Brass (DIN EN 12165 Gr. CW617N)	GM 210 G	1 25	1379
	Product Description	: Air Release Valve			
	Type of Disc	: Rubber Disc, Float - PP			
	Trim	: Float - PP, Spring - SS304 Rubber O - Ring			
	End Details	: Screwed Male BSP Parallel threads			
	Test Pressure	: B.T.P. - 24 Bar Hyd.			

08	PRODUCT	: LEADER FORGED BRASS PRESSURE REDUCING VALVE	FLB 123 D 1/2 15 2070	
	Body Material Cum Std.	: Forged Brass(IS 6912 Gr.FLB)	FLB 123 F 3/4 20 2109	
	Product Description	: Spring Loaded Piston Type	FLB 123 G 1 25 3777	
	Type of Seat	: Integral Seat		
	Type of Disc	: Resilient Disc		
	End Details	: Screwed Female BSP Parallel Threads		
	Test Pressure	: B.T.P. - 37.5 Kg/CM2 Hyd. Max.Inlet Pressure : 27 Kg/CM2 Hyd. Outlet Pressure 0.5to6 Kg/Cm2		
09	PRODUCT	: LEADER PRESSURE REDUCING VALVE STRAIGHT PATTERN	GM 123 H 1-1/4 32 5217	
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 123 I 1-1/2 40 5901	
	Product Description	: Spring Loaded Piston Type	GM 123 J 2 50 7341	
	Type of Seat	: Integral Seat	GM 123 K 2-1/2 65 12226	
	Type of Disc	: Resilient Disc	GM 123 L 3 80 15894	
	End Details	: Screwed Female BSP Parallel Threads		
	Test Pressure	: B.T.P. - 20 Bar Hyd Max Inlet Pressure : 20 Bar Hyd. Outlet Pressure Range 0.5 to 6 Bar		
10	PRODUCT	: LEADER Y-TYPE STRAINER	GM 230 D 1/2 15 704	
	Body Material Cum Std.	: GM (BSEN 491K)	GM 230 F 3/4 20 1029	
	Product Description	: 'Y' Type Screwed in Cover	GM 230 G 1 25 1552	
	Trim	: SS (Type 304) Screen Having 1mm Dia Perforation	GM 230 H 1-1/4 32 2686	
	End Details	: Screwed Female BSP Parallel Threads to BS : 21	GM 230 I 1-1/2 40 3738	
	Test Pressure	: Tested to 24 Bar (Hyd.)	GM 230 J 2 50 5409	
11	PRODUCT	: LEADER GATE VALVE	GM 002 B 1/4 8 940	
	Product Standard	: BS 5154	GM 002 C 3/8 10 940	
	Pressure Class Rating	: PN - 16	GM 002 D 1/2 15 831	
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 002 F 3/4 20 1181	
	Product Description	: Screwed in Bonnet Inside Screw, Non-Rising Stem	GM 002 G 1 25 1510	
	Type of Seat	: Integral Seat	GM 002 H 1-1/4 32 2455	
	Type of Wedge	: Solid Wedge	GM 002 I 1-1/2 40 3448	
	Trim	: Cu-alloy	GM 002 J 2 50 5516	
	End Details	: Screwed Female BSP Parallel threads	GM 002 K 2-1/2 65 10967	
	Test Pressure	: B.T.P. - 24 Bar Hyd.	GM 002 L 3 80 15880	
		: S.T.P. - 17.6 Bar Hyd.	GM 002 N 4 100 29404	
13	PRODUCT	: LEADER GATE VALVE	GM 005 D 1/2 15 3381	
	Pressure/Class Rating	: Class - 150	GM 005 F 3/4 20 4543	
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 005 G 1 25 6575	
	Product Description	: Screwed in Bonnet, Inside Screw, Non-Rising Stem	GM 005 H 1-1/4 32 9671	
	Type of Seat	: Integral Seat	GM 005 I 1-1/2 40 12908	
	Type of Wedge	: Solid Wedge	GM 005 J 2 50 19485	
	Trim	: Cu-alloy	GM 005 K 2-1/2 65 28555	
	End Details	: Flanges as per BS : 10 Table F FF (Undrilled)	GM 005 L 3 80 45731	
	Test Pressure	: B.T.P. - 450 PSIG Hyd.	GM 005 N 4 100 62379	
		: S.T.P. - 330 PSIG Hyd.	GM 005 O 5 125 154046	
			GM 005 P 6 150 209459	

16	PRODUCT : LEADER GLOBE VALVE Product Standard : BS : 5154 Pressure/Class Rating : PN - 16 Body Material Cum Std. : GM (EN 1982 Gr. CC491K) Product Description : Screwed in Bonnet Inside Screw, Rising Stem Type of Seat : Integral Seat Type of Disc : Renewable Disc Trim : Cu-alloy End Details : Screwed Female BSP Parallel Threads Test Pressure : B.T.P. - 24 Bar Hyd. : S.T.P. - 17.6 Bar Hyd.	GM 008 B 1/4 8 441 GM 008 C 3/8 10 441 GM 008 D 1/2 15 506 GM 008 F 3/4 20 1033 GM 008 G 1 25 1458 GM 008 H 1-1/4 32 2842 GM 008 I 1-1/2 40 3435 GM 008 J 2 50 5322 GM 008 K 2-1/2 65 11737 GM 008 L 3 80 16529 GM 008 N 4 100 35649 GM 008 O 5 125 70007 GM 008 P 6 150 94257
		
17	PRODUCT : LEADER GLOBE VALVE Pressure/Class Rating : Class - 100 Body Material Cum Std. : GM (EN 1982 Gr. CC491K) Product Description : Screwed in Bonnet Inside Screw, Rising Stem Type of Seat : Integral Seat Type of Disc : Renewable Disc Trim : Cu-alloy Gland Packing : Lubricated Hemp and Jute End Details : Flanges as per BS : 10 Table E FF (Undrilled) Test Pressure : B.T.P. - 300 PSIG Hyd. : S.T.P. - 220 PSIG Hyd.	GM 010 D 1/2 15 4013 GM 010 F 3/4 20 4475 GM 010 G 1 25 6932 GM 010 H 1-1/4 32 9734 GM 010 I 1-1/2 40 11036 GM 010 J 2 50 17456 GM 010 K 2-1/2 65 30783 GM 010 L 3 80 35047 GM 010 N 4 100 57605 GM 010 O 5 125 85489 GM 010 P 6 150 127384
18	PRODUCT : LEADER GLOBE VALVE Type of Pattern : Right Angle Pressure/Class Rating : PN - 16 Body Material Cum Std. : GM (EN 1982 Gr. CC491K) Product Description : Screwed in Bonnet Inside Screw, Rising Stem Type of Seat : Integral Seat Type of Disc : Renewable Disc Trim : Cu-alloy Gland Packing : Lubricated Hemp and Jute End Details : Screwed Female BSP Parallel Threads Test Pressure : B.T.P. - 24 Bar Hyd. : S.T.P. - 17.6 Bar Hyd.	GM 011 B 1/4 8 520 GM 011 C 3/8 10 648 GM 011 D 1/2 15 1208 GM 011 F 3/4 20 1269 GM 011 G 1 25 2067 GM 011 H 1-1/4 32 3409 GM 011 I 1-1/2 40 4541 GM 011 J 2 50 7315 GM 011 K 2-1/2 65 11715 GM 011 L 3 80 16867
22	PRODUCT : LEADER GLOBE VALVE Design Standard : BS : 5154 Pressure/Class Rating : PN - 25 Body Material Cum Std. : GM (EN 1982 Gr. CC491K) Product Description : Union Bonnet , Inside Screw, Rising Stem Type of Seat : Renewable Seat Type of Disc : Renewable Disc Trim : SS (A276 Type 410) Gland Packing : Graphited Asbestos End Details : Screwed Female BSP Parallel Threads Test Pressure : B.T.P. - 37.5 Bar Hyd. : S.T.P. - 27.5 Bar Hyd.	GM 020 D 1/2 15 1752 GM 020 F 3/4 20 2291 GM 020 G 1 25 3476 GM 020 H 1-1/4 32 4475 GM 020 I 1-1/2 40 5885 GM 020 J 2 50 9217 GM 020 K 2-1/2 65 15222 GM 020 L 3 80 22430 GM 020 N 4 100 46571

23	PRODUCT	: LEADER GLOBE VALVE	GM 022	D	1/2	15	5800
	Pressure/Class Rating	: Class - 150	GM 022	F	3/4	20	7810
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 022	G	1	25	11319
	Product Description	: Union Bonnet, Inside Screw, Rising Stem	GM 022	H	1-1/4	32	12548
	Type of Seat	: Renewable Seat	GM 022	I	1-1/2	40	17185
	Type of Disc	: Renewable Disc	GM 022	J	2	50	24490
	Trim	: SS (A276 Type 410)	GM 022	K	2-1/2	65	35686
24	End Details	: Flanges as per BS : 10 Table F FF (Undrilled)	GM 022	L	3	80	49856
	Test Pressure	: B.T.P. - 450 PSIG Hyd.	GM 022	N	4	100	80476
		: S.T.P. - 300 PSIG Hyd.					
	PRODUCT	: LEADER HORIZONTAL LIFT CHECK VALVE	GM 030	B	1/4	8	378
	Product Standard	: BS : 5154	GM 030	C	3/8	10	378
	Pressure/Class Rating	: PN - 16	GM 030	D	1/2	15	473
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 030	F	3/4	20	931
25	Product Description	: Screwed in Cover	GM 030	G	1	25	1208
	Type of Seat	: Integral Seat	GM 030	H	1-1/4	32	2608
	Trim	: Cu-alloy	GM 030	I	1-1/2	40	3414
	End Details	: Screwed Female BSP Parallel threads	GM 030	J	2	50	4996
	Test Pressure	: B.T.P. - 24 Bar Hyd.	GM 030	K	2-1/2	65	10518
		: S.T.P. - 17.6 Bar Hyd.	GM 030	L	3	80	15687
			GM 030	N	4	100	33261
26			GM 030	O	5	125	50309
			GM 030	P	6	150	57962
							
	PRODUCT	: LEADER HORIZONTAL LIFT CHECK VALVE	GM 032	D	1/2	15	3068
	Pressure/Class Rating	: Class - 100	GM 032	F	3/4	20	5385
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 032	G	1	25	6122
	Product Description	: Screwed in Cover	GM 032	H	1-1/4	32	7236
29	Type of Seat	: Integral Seat	GM 032	I	1-1/2	40	9721
	Trim	: Cu - alloy	GM 032	J	2	50	14287
	End Details	: Flanges as per BS : 10 Table 'E' FF (Undrilled)	GM 032	K	2-1/2	65	22288
	Test Pressure	: B.T.P. - 330 PSIG Hyd.	GM 032	L	3	80	27344
		: S.T.P. - 220 PSIG Hyd.	GM 032	N	4	100	57740
26	PRODUCT	: LEADER HORIZONTAL LIFT CHECK VALVE	GM 033	D	1/2	15	856
	Product Standard	: BS : 5154	GM 033	F	3/4	20	1304
	Type of Pattern	: Right Angle	GM 033	G	1	25	2004
	Pressure/Class Rating	: PN - 16	GM 033	H	1-1/4	32	3327
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 033	I	1-1/2	40	4174
	Product Description	: Screwed in Cover	GM 033	J	2	50	6836
	Type of Seat	: Integral Seat					
29	Trim	: Cu - alloy					
	Type of Disc	: Resilient Disc (Nitrile Rubber)					
	End Details	: Screwed Female BSP Parallel threads					
	Test Pressure	: B.T.P. - 24 Bar Hyd.					
		: S.T.P. - 17.6 Bar Hyd.					
29	PRODUCT	: LEADER HORIZONTAL LIFT CHECK VALVE	GM 042	D	1/2	15	1468
	Product Standard	: BS : 5154	GM 042	F	3/4	20	2021
	Pressure/Class Rating	: PN - 25	GM 042	G	1	25	2826
	Body Material Cum Std.	: GM (EN 1982 Gr. CC491K)	GM 042	H	1-1/4	32	3777
	Product Description	: Union Cover	GM 042	I	1-1/2	40	5271
	Type of Seat	: Renewable Seat	GM 042	J	2	50	8808
	Type of Disc	: Renewable Disc	GM 042	K	2-1/2	65	19625
29	Trim	: SS (A276 Type 410)	GM 042	L	3	80	27314
	End Details	: Screwed Female BSP Parallel Threads					
	Test Pressure	: B.T.P. - 37.5 Bar Hyd.					
		: S.T.P. - 27.5 Bar Hyd.					

32	PRODUCT : LEADER UNIVERSAL CHECK VALVE Product Standard : BS : 5154 Pressure/Class Rating : PN - 16 Body Material Cum Std. : Forged Brass (IS:6912 Gr.FLB) Trim : Resilient Seated, SS304 Spring End Details : Screwed Female BSP Parallel Threads Test Pressure : B.T.P. - 24 Bar Hyd. : S.T.P. - 17.6 Bar Hyd.	FLB 048 D 1/2 15 413 FLB 048 F 3/4 20 602 FLB 048 G 1 22 872
	 Suitable for Horizontal & Vertical Installation New Product	
33	PRODUCT : LEADER VERTICAL CHECK VALVE Product Standard : BS : 5154 Pressure/Class Rating : PN - 16 Body Material Cum Std. : GM (EN 1982 Gr. CC491K) Type of Wedge/Disc : Resilient Seated, Spring Loaded End Details : Screwed Female BSP Parallel Threads Test Pressure : B.T.P. - 24 Bar Hyd. : S.T.P. - 17.6 Bar Hyd.	GM 048 C 3/8 10 742 GM 048 D 1/2 15 621 GM 048 F 3/4 20 866 GM 048 G 1 25 1234 GM 048 H 1-1/4 32 1775 GM 048 I 1-1/2 40 2310 GM 048 J 2 50 3544 GM 048 K 2-1/2 65 6729 GM 048 L 3 80 10182 GM 048 N 4 100 19612 GM 048 O 5 125 39802 GM 048 P 6 150 58840
	 Suitable for Horizontal & Vertical Installation	

01.	PRODUCT	: LEADER GLOBE STEAM STOP VALVE	BM 001	B	1/4	8	4662
	Type of Pattern	: Straight Pattern	BM 001	C	3/8	10	4662
	Body Material Cum Std.	: Bronze (IBR Clause 282 (a) (IV) Gr.B)	BM 001	D	1/2	15	4662
	Product Description	: Screwed in Bonnet Inside Screw, Rising Stem	BM 001	F	3/4	20	4770
			BM 001	G	1	25	7842
	Type of Seat	: Renewable Seat	BM 001	H	1-1/4	32	9926
	Type of Disc	: Renewable Disc	BM 001	I	1-1/2	40	14542
	Trim	: SS (ASTMA276 Type 410)	BM 001	J	2	50	23044
	Gland Packing	: Graphoil					
	End Details	: Screwed Female BSP Taper Threads to BS : 21					
Working Pressure	: MAX. BOP 250 PSIG (17.24 Bar) at 435° F (225° C)						
Test Pressure	: B.T.P. & S.T.P. - 500 PSIG (34.5 Bar) Hyd.						
02.	PRODUCT	: LEADER GLOBE STEAM STOP VALVE	BM 002	D	1/2	15	11794
	Type of Pattern	: Straight Pattern	BM 002	F	3/4	20	11862
	Body Material Cum Std.	: Bronze (IBR Clause 282 (a) (IV) Gr.B)	BM 002	G	1	25	16314
	Product Description	: Screwed in Bonnet Inside Screw, Rising Stem	BM 002	H	1-1/4	32	18806
			BM 002	I	1-1/2	40	26792
	Type of Seat	: Renewable Seat	BM 002	J	2	50	39186
	Type of Disc	: Renewable Disc					
	Trim	: SS (ASTMA276 Type 410)					
	Gland Packing	: Graphoil					
	End Details	: Flanges as per BS :10 Table H FF					
Working Pressure	: MAX. BOP 250 PSIG (17.24 Bar) at 435° F (225° C)						
Test Pressure	: B.T.P. & S.T.P. - 500 PSIG (34.5 Bar) Hyd.						
03.	PRODUCT	: LEADER SINGLE POST HI-LIFT SAFETY VALVE	BM 008	G	1	25	27838
	Type of Pattern	: Right Angle Pattern	BM 008	H	1-1/4	32	45422
	Body Material Cum Std.	: Cast Steel (ASTM A216 Gr. WCB)	BM 008	I	1-1/2	40	53258
	Product Description	: Spring Loaded, High Lift	BM 008	J	2	50	74994
			BM 008	K	2-1/2	65	110568
	Type of Seat	: Renewable Seat	BM 008	L	3	80	114296
	Type of Disc	: Renewable Disc	BM 008	M	3-1/2	90	128044
	Trim	: Seat : SS (ASTMA276 Type 410) + Stellite	BM 008	N	4	100	144294
	Fastener	: Carbon Steel (BS 916)	BM 008	O	5	125	272562
			BM 008	P	6	150	335856
Gasket	: Compressed Asbestos	BM 008	R	8	200	525914	
End Details	: Inlet Flange to BS:10 Table H Outlet Flange to B.S:10 Table D (Drilled)						
Working Pressure	: Max. BOP 250 PSIG (17.24 Bar) at 800° F (427° C)						
Test Pressure	: Shell Test Pressure 500 PSIG (34.5 Bar) Hyd. Set Pressure 250 PSIG						
			NOTE : Please Advise Outlet Pressure While Placing Order.				
07.	PRODUCT	: LEADER RELIEF VALVE	BM 014	D	1/2	15	3612
	Type of Pattern	: Straight Type	BM 014	F	3/4	20	4748
	Body Material Cum Std.	: Bronze (IBR Clause 282 (a) (IV) Gr. B)	BM 014	G	1	25	6438
	Product Description	: Spring Loaded Open Discharge	BM 014	H	1-1/4	32	9434
			BM 014	I	1-1/2	40	11650
	Type of Seat	: Integral Seat	BM 014	J	2	50	18166
	Type of Disc	: Renewable Disc	BM 014	K	2-1/2	65	30072
	Trim	: Cu - alloy	BM 014	L	3	80	48002
	End Details	: Screwed Male BSP Parallel Threads to BS EN 10226-1					
	Working Pressure	: Max. 150 PSIG (10.34 Bar) Water or Air					
Test Pressure	: Shell Test Pressure 300 PSIG (20.7 Bar) Hyd. Set Pressure 150 PSIG						
			NOTE : Please Advise Outlet Pressure While Placing Order.				
08.	PRODUCT	: LEADER RELIEF VALVE	BM 016	D	1/2	15	5086
	Type of Pattern	: Right Angle	BM 016	F	3/4	20	6264
	Body Material Cum Std.	: Bronze (IBR Clause 282 (a) (IV) Gr. B)	BM 016	G	1	25	8034
	Product Description	: Spring Loaded Enclosed Discharge	BM 016	H	1-1/4	32	11418
			BM 016	I	1-1/2	40	13998
	Type of Seat	: Renewable Seat	BM 016	J	2	50	20920
	Type of Disc	: Renewable Disc	BM 016	K	2-1/2	65	39700
	Trim	: Cu - alloy	BM 016	L	3	80	47502
	End Details	: Inlet End : BSP Taper to BS EN 10226-1 Outlet : Screwed Female BSP Parallel Threads to BS EN 10226-1					
	Working Pressure	: Max. 150 PSIG (10.34 Bar) Water or Air					
Test Pressure	: Shell Test Pressure 300 PSIG (20.7 Bar) Hyd. Set Pressure 150 PSIG						
			NOTE : Please Advise Outlet Pressure While Placing Order.				

21.	PRODUCT	: LEADER PARALLEL SLIDE BLOW OFF VALVE	BM 072	G	1	25	19842
	Body Material Cum Std.	Cast Steel (ASTMA 216 Gr. WCB)	BM 072	H	1-1/4	32	28228
	Product Description	: Rack and Pinion Operated With Key	BM 072	I	1-1/2	40	33506
	Type of Seat	: Renewable Seat	BM 072	J	2	50	48780
	Type of Disc	: Renewable Disc	BM 072	K	2-1/2	65	65650
	Trim	: Seat : SS (ASTMA 276 Type 410) + Stellite					
	End Details	: Flanges as per BS:10 Table J FF (Drilled)					
29.	Working Pressure	: Max. BOP 350 PSIG (24.1 Bar) at 800° F (427° C)					
	Test Pressure	: B.T.P. & S.T.P. - 700 PSIG (48.3 Bar) Hyd.					
	PRODUCT	: LEADER FUSIBLE PLUG	BM 082	D	1/2	15	2380
	Body Material Cum Std.	Bronze (IBR Clause 282 (a) (IV) Gr. B)	BM 082	F	3/4	20	2826
	Product Description	: Two Piece Design	BM 082	G	1	25	3584
	End Details	: Screwed Male BSP Taper Threads to BS EN 10226-1	BM 082	H	1-1/4	32	4622
31.	Working Pressure	: 250 PSIG (17.24 Bar) Steam	BM 082	I	1-1/2	40	5946
	Test Pressure	: Tested at 500 PSIG (34.5 Bar) Hyd.	BM 082	J	2	50	8342
35.							
	PRODUCT	: LEADER FUSIBLE PLUG	BM 086	D	1/2	15	2214
	Body Material Cum Std.	Bronze (IBR Clause 282 (a) (IV) Gr. B)	BM 086	F	3/4	20	2826
	Product Description	: One Piece Design	BM 086	G	1	25	3690
	End Details	: Screwed Male BSP Taper Threads to BS EN 10226-1					
	Working Pressure	: 250 PSIG (17.24 Bar) Steam					
	Test Pressure	: Tested at 500 PSIG (34.5 Bar) Hyd.					
01.							
	PRODUCT	: LEADER THERMO DYNAMIC STEAM TRAP	BM 098	D	1/2	15	2814
	Body Material Cum Std.	FSS (ASTMA 182 Gr. F6a)	BM 098	F	3/4	20	3580
	Product Description	: Thermodynamic Type With SS304 Inbuilt Strainer	BM 098	G	1	25	4540
	Trim	: SS (ASTMA 276 Type 410 or Its Eq.)					
	End Details	: Screwed Female BSP Taper Threads to BS:21					
	Working Pressure	: Suitable For Max. BOP 450 PSIG(31 Bar) at 750° F (399° C)					
01.	Test Pressure	: Shell Test Pressure 900 PSIG (62 Bar) Hyd.					
01.	PRODUCT	: LEADER ALL IRON GATE VALVE	CI 004	I	1-1/2	40	5178
	Pressure/Class Rating	: Class-125	CI 004	J	2	50	6528
	Body Material Cum Std.	: C.I (FN 1561 Gr. G.JI 200)	CI 004	K	2-1/2	65	8694
	Product Description	: Bolted Bonnet, Inside Screw, Non-Rising Stem	CI 004	L	3	80	11354
	Type of Seat	: Integral Seat	CI 004	N	4	100	15642
	Type of Wedge	: Solid Wedge	CI 004	O	5	125	20186
	Trim	: Stem : Carbon Steel ; Wedge C.I. (EN 1561 Gr. GJL 200)	CI 004	P	6	150	26634
01.	Gland Packing	: Graphited Asbestos	CI 004	R	8	200	47080
	Gasket	: Compressed Asbestos Fiber	CI 004	S	10	250	125456
	Fastener	: Carbon Steel (BS :916)	CI 004	T	12	300	181974
	End Details	: Flanges as per ASME/ANSI B16.1 CI-125 FF (Drilled)					
	Test Pressure	: B.T.P. -20.7 Bar Hyd.					
		: S.T.P. - 15.18 Bar Hyd.					

MELTING TEMPERATURE OF FUSIBLE ALLOY-270°C

MELTING TEMPRATURE OF FUSIBLE ALLOY - 270°C

(NON IBR)

03.	PRODUCT : LEADER SLUICE VALVE Product Standard : IS:14846 Pressure/Class Rating : PN - 1.6 Body Material Cum Std. : C.I. IS:210 GR FG: 200) Product Description : Bolted bonnet inside Screw Non Rising Stem Type of Seat : Renewable Seat Type of Wedge : Solid Wedge Trim : Cu-Alloy Seats Stem SS (IS 6603) (12 Gr.13) Gland Packing : Lubricated Hemp and Jute End Details : Flanges as per IS:1538 PN 1.6 F/F (Drilled) Test Pressure : B.T.P. - 2.4 MPA Hyd. : S.T.P. - 1.6 MPA Hyd.	CI043 J 2 50 13092 CI043 K 2-1/2 65 16238 CI043 L 3 80 19214 CI043 N 4 100 26208 CI043 O 5 125 30892 CI043 P 6 150 43322 CI043 R 8 200 67334 CI043 S 10 250 103678 CI043 T 12 300 143166 CI043 U 14 350 319456 CI043 V 16 400 401964 CI043 W 18 450 504776 CI043 X 20 500 654408 CI043 Y 24 600 870094
	"WITH ISI MARK" (NON IBR)	■ VALVES ARE WITH PREFERRED DIMENSION AS PER IS 14846 ■ CAN BE PROVIDE GEAR ON REQUEST
08.	PRODUCT : LEADER GLOBE VALVE Type of Pattern : Straight Pattern Product Standard : BS EN 13789 Pressure/Class Rating : PN - 16 Body Material Cum Std. : C.I. (EN 1561 Gr. GJL 200) Product Description : Bolted Bonnet O/S & Yoke Type, Rising Stem Type of Seat : Renewable Seat Type of Disc : Renewable Plug Type Guided Disc Trim : SS (ASTMA276 Type 410 or its Eq.) End Details : Flanges as per DIN 2533 PN 16. RF (Drilled) Test Pressure : B.T.P. - 24 Bar Hyd. : S.T.P. - 16 Bar Hyd.	CI014 D 1/2 15 3008 CI014 F 3/4 20 3614 CI014 G 1 25 4018 CI014 H 1-1/4 32 5886 CI014 I 1-1/2 40 7556 CI014 J 2 50 9586 CI014 K 2-1/2 65 13464 CI014 L 3 80 18106 CI014 N 4 100 24468 CI014 O 5 125 35208 CI014 P 6 150 49802 CI014 R 8 200 88428 CI014 S 10 250 176384 CI014 T 12 300 335598 CI014 U 14 350 440174
11.	PRODUCT : LEADER SWING CHECK VALVE Product Standard : DIN EN 12334 Pressure/Class Rating : Class - 125 Body Material Cum Std. : C.I. (EN 1561 Gr. GJL 200) Product Description : Bolted Cover Type of Seat : Renewable Seat Type of Disc : Renewable Disc Trim : Cu - alloy Fastener : Carbon Steel (BS 916) Gasket : Compressed Asbestos End Details : Flanges as per ASME/ B 16.1 CI-125 FF (Drilled) Test Pressure : B.T.P. - 24.1 Bar Hyd. : S.T.P. - 13.8 Bar Hyd.	CI017 G 1 25 5636 CI017 H 1-1/4 32 7996 CI017 I 1-1/2 40 8544 CI017 J 2 50 10974 CI017 K 2-1/2 65 14172 CI017 L 3 80 15216 CI017 N 4 100 24960 CI017 O 5 125 34754 CI017 P 6 150 39566 CI017 R 8 200 86930 CI017 S 10 250 155590 CI017 T 12 300 231592 CI017 U 14 350 342790 CI017 V 16 400 465712 CI017 W 18 450 591002 CI017 X 20 500 819044
		NON IBR ABOVE 8" SIZE
13.	PRODUCT : LEADER HORIZONTAL LIFT CHECK VALVE Product Standard : DIN EN 12334 Pressure/Class Rating : PN - 16 Body Material Cum Std. : C.I. (EN 1561 Gr. GJL 200) Product Description : Bolted Cover Type of Seat : Renewable Seat Type of Disc : Renewable Disc Trim : SS (ASTMA-276 Type 410 or its Eq.) Fastener : Carbon Steel (BS 916) Gasket : Compressed Asbestos 4481 End Details : Flanges as per DIN 2533 PN-16 RF (Drilled) Test Pressure : B.T.P. - 24 Bar Hyd. : S.T.P. - 16 Bar Hyd.	CI019 D 1/2 15 2808 CI019 F 3/4 20 3520 CI019 G 1 25 3724 CI019 H 1-1/4 32 5912 CI019 I 1-1/2 40 7232 CI019 J 2 50 9744 CI019 K 2 1/2 65 13078 CI019 L 3 80 19076 CI019 N 4 100 24740 CI019 O 5 125 37122 CI019 P 6 150 49160 CI019 R 8 200 120996 CI019 S 10 250 200454 CI019 T 12 300 299538
		ABOVE 8" NON IBR
15.	PRODUCT : LEADER WAFER TYPE CHECK VALVE Pressure/Class Rating : PN - 16 Body Material Cum Std. : C.I. (EN 1561 Gr. GJL 200) Product Description : Wafer Type Type of Seat : Renewable Resilient Seat Trim : Flap Pin : SS (ASTMA276 Type 410 or its Eq.) Gasket : Rubber O Ring Inserted End Details : Suitable for Insertion Between Flanges as per BS 10 Table E Test Pressure : B.T.P. - 24 Bar Hyd. : S.T.P. - 17.6 Bar Hyd.	CI038 I 1-1/2 40 1232 CI038 J 2 50 1470 CI038 K 2-1/2 65 1770 CI038 L 3 80 2138 CI038 N 4 100 2894 CI038 O 5 125 3542 CI038 P 6 150 4362 CI038 R 8 200 8846 CI038 S 10 250 11998 CI038 T 12 300 27250
		NON IBR

25.	PRODUCT	: LEADER BUTTERFLY VALVE	CI 091	1-1/2	40	2514	---
	Product Standard	: IS:13095	CI 091	2	50	2858	---
	Pressure/Class Rating	: PN - 1.6	CI 091	2-1/2	65	3312	---
	Body Material Cum Std.	: C.I. (IS:210 Gr. FG 260)	CI 091	3	80	3770	---
	Product Description	: Wafer Type, Lever Operated (*)	CI 091	4	100	4714	---
	Type of Seat	: Molded EPDM Liner	CI 091	5	125	6020	---
	Trim	: EPDM Liner, Disc : SG Iron, (IS 1865 SG 400/15) With Epoxy Coated, Stem: IS 6603 x 12 Cr. 12	CI 091	6	150	6912	---
	End Details	: Suitable for Clamping Between Flanges as per ANSI B 16.1 CL-125	CI 091	8	200	11424	16158
	Test Pressure	: B.T.P. - 2.4 Mpa Hyd. S.T.P. - 1.6 Mpa Hyd.	CI 091	10	250	16866	23860
			CI 091	12	300	23174	32768
			(*) Until unless specified in the PO valves size 40mm to 300mm shall be supplied with Lever				
			 "WITHISIMARK" NON IBR				
39.	PRODUCT	: LEADER Y-TYPE STRAINER	CI 092	1/2	15	766	
	Pressure Class Rating	: PN - 16	CI 092	3/4	20	1046	
	Body Material Cum Std.	: Cast Iron (EN 1561 Gr.GJL200)	CI 092	1	25	1576	
	Product Description	: 'Y' Type Screwed in Cover	CI 092	1-1/4	32	2038	
	Trim	: SS (Type 304) Screen Having 1MM Dia Perforation	CI 092	1-1/2	40	3004	
	End Detail	: Screwed Female BSP Parallel Threads to BS:21	CI 092	2	50	3162	
			NON IBR				
41.	PRODUCT	: LEADER Y-TYPE STRAINER	CI 093	I	1-1/2	40	3704
	Pressure Class Rating	: PN - 16	CI 093	J	2	50	4048
	Body Material Cum Std.	: Cast Iron (EN 1561 Gr.GJL200)	CI 093	K	2-1/2	65	6228
	Product Description	: 'Y' Type	CI 093	L	3	80	7868
	Trim	: SS (Type 304) Screen Having 1MM Dia Perforation	CI 093	N	4	100	11644
	End Detail	: Flanges as per BS:10 Table E, FF Drilled	CI 093	O	5	125	19330
	Test Pressure	: Tested to 24 Kg/Cm2 (Hyd.)	CI 093	P	6	150	22854
			CI 093	R	8	200	43754
			CI 093	S	10	250	90184
			CI 093	T	12	300	118860
4.	PRODUCT	: LEADER GATE VALVE	FCS 002	D	1/2	15	2898
	Product Standard	: BS:EN ISO 15761/ API 602	FCS 002	F	3/4	20	3304
	Pressure/Class Rating	: Class - 800	FCS 002	G	1	25	4280
	Body Material Cum Std.	: FCS (A 105)	FCS 002	H	1-1/4	32	6464
	Product Description	: Bolted Bonnet, O/S & Yoke Type, Rising Stem	FCS 002	I	1-1/2	40	8024
	Type of Seat	: Renewable	FCS 002	J	2	50	11774
	Type of Wedge	: Solid Wedge					
	Trim	: SS (A276 : TYPE 410)					
	Gland Packing	: Graphoil					
	Fastener	: Alloy Steel (Gr B7/Gr 2H)					
	Gasket	: Sprial Wound SS 304 with Graphoil Filler					
	End Details	: Socket Welded Ends as Per ASME B16.11					
	Test Pressure	: B.T.P.-207 Bar Hyd. S.T.P.-152 Bar Hyd.6.9 Bar AIR					
12.	PRODUCT	: LEADER GLOBE VALVE	FCS 007	D	1/2	15	2798
	Product Standard	: BS:EN ISO 15761	FCS 007	F	3/4	20	3280
	Pressure/Class Rating	: Class - 800	FCS 007	G	1	25	4306
	Body Material Cum Std.	: FCS (A 105)	FCS 007	H	1-1/4	32	6248
	Product Description	: Bolted Bonnet, O/S & Yoke Type, Rising Stem	FCS 007	I	1-1/2	40	10298
	Type of Seat	: Renewable	FCS 007	J	2	50	14004
	Type of Disc	: Renewable Plug Type Disc					
	Trim	: SS (A:276:TYPE 410)					
	Gland Packing	: Graphoil					
	Fastener	: Alloy Steel (Gr B7/Gr 2H)					
	Gasket	: Sprial Wound SS 304 with Graphoil Filler					
	End Details	: Socket Welded Ends as Per ASME B16.11					
	Test Pressure	: B.T.P.-207 Bar Hyd. S.T.P.-152 Bar Hyd. 6.9 Bar Air					

20.	PRODUCT Product Standard Pressure/Class Rating Body Material Cum Std. Product Description Type of Seat Type of Disc Trim Fastener Gasket End Details Test Pressure	LEADER HORIZONTAL LIFT CHECK VALVE BS:EN ISO 15761 Class - 800 FCS (A 105) Bolted Cover Renewable Renewable Disc SS (A:276: TYPE 410) Alloy Steel (Gr B7/Gr 2H) Spiral Wound SS 304 with Graphoil Filler Socket Welded Ends as Per ANSI B16.11 B.T.P. - 207 Bar Hyd. S.T.P. - 152 Bar Hyd.	FCS 012 D FCS 012 F FCS 012 G FCS 012 H FCS 012 I FCS 012 J	1/2 15 3/4 20 1 25 1-1/4 32 1-1/2 40 2 50	2028 2354 3150 4814 8064 11708
25.	PRODUCT Product Standard Pressure/Class Rating Body Material Cum Std. Port Opening Product Description Type of Seat Trim End Details Test Pressure	LEADER BALL VALVE BS EN ISO 17292 Class - 800 CCS (ASTMA 216 Gr. WCB) Regular Bore Three Piece Design Renewable Seat Stem & Ball : SS (ASTM A 182 304 or its Eq.) Seat Ring & Gland Packing PTFE Screwed Female NPT Threads to ANSI/ASME B1.20.1 B.T.P. - 178 Bar Hyd. S.T.P. - 76 Bar Hyd. 6.9 Bar (AIR)	WCB 012 D WCB 012 F WCB 012 G WCB 012 H WCB 012 I WCB 012 J	1/2 15 3/4 20 1 25 1-1/4 32 1-1/2 40 2 50	1940 2396 3434 5574 7428 9746
28.	PRODUCT Product Standard Pressure/Class Rating Body Material Cum Std. Port Opening Product Description Type of Seat Trim End Details Test Pressure	LEADER BALL VALVE BS:EN 17292 Class - 800 FCS (A 105) Regular Bore 3 Pcs. Design Renewable RPTFE Seat STEM :- SS (ASTMA : 276 : TYPE 304) Ball : SS (ASTM351 : CF8) Screwed Female BSP Taper Threads to-BS : 21 B.T.P. - 207 Bar Hyd. S.T.P. -76 Bar Hyd.6.9 Bar Air	FCS 017 D FCS 017 F FCS 017 G FCS 017 H FCS 017 I FCS 017 J	1/2 15 3/4 20 1 25 1-1/4 32 1-1/2 40 2 50	2350 2982 3786 6782 8320 11366
12	PRODUCT Product Standard Pressure/Class Rating Body Material Cum Std. Product Description Type of Seat Type of Disc Trim End Details Test Pressure	LEADER GLOBE VALVE BS EN :13/09/DIN 2401 PN - 40 CCS (ASTMA 216 GR WCB) Bolted Bonnet, O/S & Yoke Type, Rising Stem Renewable Seat Renewable Flat Disc 13% Cr. Steel (ASTMA276 Type 410) Flanges as per DIN 2545 PN-40 R.F. (Drilled) Serrated B.T.P. - 60 Bar Hyd. S.T.P.-40 Bar Hyd.6.9 Bar AIR	CCS 010 D CCS 010 F CCS 010 G CCS 010 H CCS 010 I CCS 010 J CCS 010 K CCS 010 L CCS 010 N CCS 010 O CCS 010 P CCS 010 R CCS 010 S CCS 010 T CCS 010 U	1/2 15 3/4 20 1 25 1-1/4 32 1-1/2 40 2 50 2-1/2 65 3 80 4 100 5 125 6 150 8 200 10 250 12 300 14 350	6656 8254 10084 13296 16140 20574 30136 39454 57856 87344 130964 196204 295276 416840 459390
	Note : Valves can be supplied with flanges as per DIN : 2526		IBR		
22	PRODUCT Product Standard Pressure/Class Rating Body Material Cum Std. Product Description Type of Seat Trim End Details Test Pressure	LEADER HORIZONTAL LIFT CHECK VALVE BS EN : 13709/DIN 2401 PN - 40 CCS (ASTMA 216 GR WCB) Bolted Cover Renewable Seat 13% Cr. Steel (ASTMA276 Type 410) Flanges as per DIN 2545 PN-40 R.F. (Drilled) Serrated B.T.P. - 60 Bar Hyd. S.T.P. - 40 Bar Hyd.	CCS 011 D CCS 011 F CCS 011 G CCS 011 H CCS 011 I CCS 011 J CCS 011 K CCS 011 L CCS 011 N CCS 011 O CCS 011 P CCS 011 R	1/2 15 3/4 20 1 25 1-1/4 32 1-1/2 40 2 50 2-1/2 65 3 80 4 100 5 125 6 150 8 200	5498 6970 8460 11902 13214 18662 25602 36266 51564 83416 135606 191800
	Note : Valves can be supplied with flanges as per DIN 2526		IBR		