



31 PLUG VALVE




Model	4M18PV
Size	1/2" to 12"
MOC	WCB/CF8/CF8M
TRIMS	CF8/CF8M
Temperature	Up to 200°C
Class	150#/300#/600#/800#
Ends	Screwed/Flange

36 High Pressure Universal Design Non Return Valve




Model	4M-HNR
Size	1/2" to 2"
MOC	CF8/CF8M/ CF3M
Pressure	3000 PSI
Temperature	Up to 100°C
Ends	Screwed

32 Medium Pressure Needle Valve




Model	4M-HNV-MP
Size	1/4" to 2"
MOC	CF8/CF8M
Pressure	350 Kg/cm ²
Temperature	Up to 200°C
Ends	Screwed

37 High Pressure Needle Valve




Model	4M-HNV- HP
Size	1/4" to 2"
MOC	Forged Steel / SS 304/316
Pressure	700 Kg/cm ²
Temperature	Up to 360°C
Ends	Screwed

33 Globe Type Control Valve




Model	4M-GMS/GMF
Size	1/2" to 2"
MOC	CF8 /CF8M /CF3M
Pressure	Up to 16 Bar
Temperature	Up to 3.5 to 7 Bar
Ends	Flanged

38 Globe Type Control Valve




Model	4M-GMS /GMF
Size	1/2" to 4"
MOC	CF8 /CF8M /CF3M
Pressure	Up to 16 Bar
Temperature	Up to 3.5 to 7 Bar
Ends	Screwed

34 Pharma Diaphragm Valve




Model	4M-PDV
Size	1/2" to 3"
MOC	CF8M
Pressure	Up to 8Kg/cm ²
Temperature	Up to 80°C
Ends	

39 Knife Gate Valve




Model	4M- NGM
Size	2" to 24"
MOC	C.I/ WCB/CF8/CF8M
Knife Plate	C.I./WCB/CF8/CF8M
Seat	PTFE/METAL
Insp & Test Std	MSS SP-81
Class	(150#)(300#)(600#)
Ends	ASME B 16.5 RF(Lug Type)

35 Piston Valve

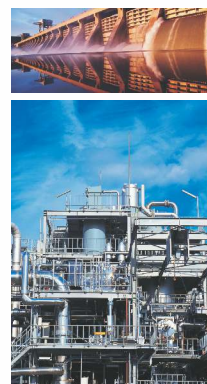


Model	4M-UKL-FD
Size	2. 1/2" TO 8"
MOC	C.I/ WCB
TRIMS	CF8/CF8M
Temperature	Up to 400°C
Class	(150#)(300#)
Ends	FLANGED TO ASME B 16.5 RF

40 Disc Check Valve Non Slame Check Valve

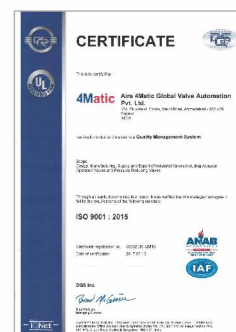


Model	4M-DNRV / DCV
Size	1/2" to 12"
MOC	CF8 /CF8M /CF3M
Disc Seat	Metal to Metal/ Soft Seat
Pressure	Up to 42 Bar
Temperature	300°C Metal to Metal 180°C Soft Seat
Ends	Wafer /Screwed



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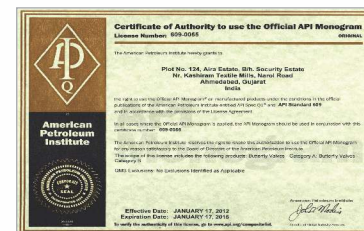
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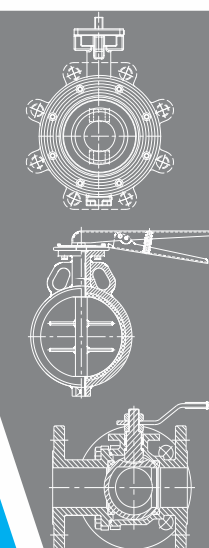
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Your Solution Partner in
Industrial Manual Valves




1 3 Pcs Design Ball Valve (Metal seated) Handle & Gear Operated




Model	4M-BMS-HD-SD
Size	½" to 10"
MOC	WCB / CF8 / CF8M
Ball Valve	3 Piece Design
Class	150# & 300#
Pressure	10 Kg/cm ²
Temperature	Up to 500°C
Ends	Screwed

6 Lever / Gear Operated 3 piece design 2 way ball valve Flanged




Model	4M-BAW/ IPH/30KH/YEF
Size	½" to 12"
MOC	WCB /CF8 /CF8M
Ball Valve	3 Piece Design
Class	150# & 300#
Pressure	10 kg/cm ²
Temperature	Up to 180°C
Ends	Flanged

11 3 Way "C" Way Design Ball Valve Handle & Gear Operated




Model	4M-CWP-HD-SD/ CWP-HD-FD
Size	1" to 4"
MOC	WCB/CF8/CF8M
Ball Valve	"C" Type Design
Class	150#
Pressure	10 kg/cm ²
Temperature	Up to 180°C
Ends	Screwed/ Flanged

16 3 & 4 Way Ball Valve Handle & Gear Operated



Model	4M-SUZ-HD-FD
Size	1/2" to 12"
MOC	WCB/CF8/CF8M
Class	150# & 300#
Pressure	10 kg/cm ²
Temperature	Up to 180°C
Ends	Flanged/ Triclover End/Socket Weld

21 Off Set Disc Double Flange Butterfly Valve Handle & Gear Operated




Model	4M-DOB
Size	2.½" to 72"
MOC	WCB / CF8 / CF8M
Pressure	PN 10 / PN 16
Temperature	NBR-10°C to 90°C EPDM-20°C to 120°C Viton 0°C to 220°C PTFE-250°C to 180°C

26 Spherical Disc Valve Handle & Gear Operated




Model	4M-SDV
Size	1.½" to 48"
MOC	WCB / CF8 / CF8M
Pressure	ANSI 150 Class
Temperature	Up to 180°C
Ends	Wafer Type

2 3 Pcs Design Ball Valve (Metal seated) Handle & Gear Operated




Model	4M-BMS-HD-FD
Size	½" to 10"
MOC	WCB / CF8 / CF8M
Ball Valve	3 Piece Design
Class	150# & 300#
Pressure	10 Kg/cm ²
Temperature	Up to 500°C
Ends	Flanged

7 Lever / Gear Operated 3 piece design 2 way ball valve Screwed




Model	4M-BAW/IPH/30KH/YEF
Size	½" to 4"
MOC	WCB /CF8 /CF8M
Ball Valve	3 Piece Design
Class	150#
Pressure	10 kg/cm ²
Temperature	Up to 180°C
Ends	Screwed

12 SINGLE PIECE BALL VALVE -1000 WOG




Model	4M-SPBV
Size	8mm to 100mm
MOC	CF8/ CF8M
Ball	CF8/CF8M
Stem	CF8/CF8M
Seat & Seal	PTFE
Ends	Screwed to (BSPF)(NPTF)

17 3 & 4 Way Ball Valve Handle & Gear Operated




Model	4M-SUZ-HD-SD
Size	1/2" to 4"
MOC	WCB/CF8/CF8M
Class	150# & 300#
Pressure	10 kg/cm ²
Temperature	Up to 180°C
Ends	Screwed / Triclover End/Socket Weld

22 FEP - PFA Lined Butterfly Valve Handle & Gear Operated




Model	4M-FEP-PFA
Size	2" to 12"
MOC	WCB / CF8 /CF8M/C.I.
Pressure	PN 10
Temperature	FEP 180°C/ PFA 230°C
Ends	Wafer Type

27 Lug Type Butterfly Valve Centric Disc Design Handle & Gear Operated




Model	4M-FLB
Size	1.1/2" to 72"
MOC	CI/DI/WCB/CF8/CF8M
Disc	Nitrile/NBR/EPDM/Viton
Pressure	PN 6/10/20 & 25
Temperature	-20°C to 70°C
Ends	Lug Type

3 High Pressure Ball Valve -3000 WOG Handle Operated




Model	4M-WOG
Size	½" to 2"
MOC	WCB / CF8 /CF8M
Pressure	3000 PSI
Temperature	Up to 150°C <i>(High Temp. Available)</i>
Ends	Screwed / Flanged

8 2 Pcs Design "VGO" Ball Valve Handle & Gear Operated




Model	4MBMS-HD-SD/BMS-HD-FD
Size	½" to 12"
MOC	WCB / CF8 / CF8M
Ball Valve	2 Piece Design
Class	150# & 300#
Pressure	10 kg/cm ²
Temperature	Up to 180°C
Ends	Screwed / Flanged

13 FEP / PFA Lined Ball Valve Handle Operated




Model	4M-FELB
Size	1" to 4"
MOC	C.I./ WCB / CF8 /CF8M
Pressure	As Per Customer Requirement
Temperature	FEP 180°C/PFA 230°C
Ends	Flanged

18 UPVC Ball Valve Handle Operated




Model	4M-BMW-UPVC-SD
Size	1/2" to 4"
MOC	UPVC
Pressure	Up to 7 Kg/cm ²
Temperature	Up to 80°C
Ends	Screwed

23 UPVC Butterfly Valve Handle Operated




Model	4M-ECO-UPVC
Size	2" to 8"
MOC	UPVC
Pressure	Up to 7 Kg/cm ²
Temperature	Up to 80°C
Ends	Wafer Type

28 Triple Offset Butterfly Valve Handle & Gear Operated




Model	4M-TOB
Size	2" to 48"
MOC	WCB / CF8 /CF8M
Seals	Metal to Metal
Pressure	Up to 10 Kg/cm ²
Temperature	Up to 40 to 600°C
Ends	Wafer / Lug Type

4 Jacketed Ball Valve Handle Operated




Model	4M-KAD-HD
Size	½" to 4"
MOC	WCB / CF8 /CF8M
Pressure	10 Kg/cm ²
Temperature	Up to 220°C
Ends	Wafer Type

9 Wafer Type Ball Valve Handle Operated




Model	4M-WTB-HD
Size	½" to 4"
MOC	WCB / CF8 /CF8M
Pressure	10 Kg/cm ²
Temperature	Up to 180°C
Ends	Flanged

14 Off Set Disc Wafer Type Butterfly Valve Handle & Gear Operated



Model	4M-BOD
Size	2.½" to 48"
MOC	WCB / CF8 /CF8M
Pressure	PN 10 / PN 16
Temperature	NBR-10°C to 90°C EPDM-20°C to 120°C Viton 0°C to 220°C PTFE-50°C to 180°C
Ends	Wafer Type

19 Flush Bottom Ball Valve Reduce Bore Gear Operated




Model	4M-FBB
Size	6"X8"/8"X10"/10"X12"
MOC	WCB /CF8 / CF8M/CF3M
Pressure	Up to 10 Kg/cm ²
Temperature	Up to 180°C
Ends	Flanged

24 Teflon Sleeve Butterfly Valve Handle & Gear Operated




Model	4M-ITC
Size	2" to 12"
MOC	WCB / CF8 /CF8M/C.I.
Pressure	PN 10
Temperature	160°C
Ends	Wafer Type

29 Alluminium Body Butterfly Valve Handle Operated




Model	4M-BFV-ALL
Size	1.1/2" to 12"
MOC	Alluminium Press. Die Cast
Disc	CF8M
Pressure	8 Kg/cm ²
Temperature	Up to 120°C
Ends	Wafer / Lug Type

5 High Pressure Ball Valve Handle Operated 3 Way AWA Series




Model	4M-AWA
Size	½" to 2"
MOC	Cast Steel/CF8 /CF8M
Pressure	Up to 500 Kg
Temperature	Up to 80°C <i>(High Temp. Available)</i>
Ends	Screwed

10 High Pressure Ball Valve Handle Operated 2 Way AWA Series




Model	4M-AWA
Size	½" to 2"
MOC	Cast Steel / CF8/CF8M
Pressure	Upto 500 Kg/cm ²
Temperature	Up to 150°C
Ends	Screwed

15 Flush Bottom Ball Valve Handle Operated




Model	4M-KAG-HD
Size	1" to 4"
MOC	WCB / CF8 /CF8M
Pressure	10 Kg/cm ²
Temperature	Up to 180°C
Ends	Wafer Type

20 Double Flange Damper Valve Handle & Gear Operated




Model	4M-AFT-MS-G
Size	8" to 80"
MOC	Steel Fabricated
Seals	Metal ti Metal
Pressure	PN 10/ PN 16
Temperature	Up to 450°C
Ends	Double Flanged

25 Wafer Type Double Flange Butterfly Valve Handle & Gear Operated



Model	4M-DFW-ECO
Size	3" to 72"
MOC	S.G. Iron/C.I./CF8/CF8M
Seals	Nitrile /EPDM /Viton
Pressure	PN 10
Temperature	-25°C to 80°C
Ends	Double Flange

30 Damper Valve Handle & Gear Operated



Model	4M-DP-HD
Size	1.1/2" to 20"(Upto 8"Handle)
MOC	S.G. Iron/C.I./CF8/CF8M
Seals	Metal to Metal
Pressure	PN 10
Temperature	-25°C to 400°C <i>(Depending on MOC)</i>
Ends	Water Type