

Valves & Automation



M. Kumar
Technocrates



Manufacturers & Exporters :
All Types of Valves & Automation

AMTECH VALVES

BALL VALVE TEFLON LINED BALL VALVE



- SIZES : 1/8" TO 14" (3 mm to 350 mm)
- CLASSES : ASA 150#, ASA 300#, ASA 600#, ASA 900# & 800#
- MATERIAL OF CONSTRUCTIONS : ASTMA 216 GR WCB, CI TO IS 210 Gr. FG 220, AISI 304 (CF 8), AISI-316(CF 8 M), AISI 316 L, (A 351 CF 3 & CF3M), LCB, WC 9, WC 6, Hast Alloy, Forged A105
- CONSTRUCTIONS : One Piece, Two Pieces & Three Piece Design. Two way, Three Way & Four Way (Multi Port) design. Blow out proof stem, floating ball, soft seated, full bore & reduce bore valves.
- DESIGN & MFG. STANDARD : As per BS 5351, API 602
- INSPECTIONS & TESTING STANDARD : As per BS 5146, API 598, BS 6755 part-1
- END CONNECTION : Screwed End, Socket Weld End, Flanged End
- HIGH PRESSURE BALL VALVE : PRESSURE UPTO -10000 PSI

BUTTERFLY VALVE TEFLON LINED BUTTERFLY VALVE

- SIZES : 1" to 32" (25 mm to 800 mm)
- OPERATION : Manually Handle operated, Gear operated, Pneumatic Actuator operated, Motorised Actuator operated.
- BODY & DISC : CI TO IS 210 Gr. FG 220, ASTMA 216 Gr WCB, AISI 304 (CF 8), AISI-316(CF 8 M), AISI 316 L (A 351 CF 3 & CF3M). Disc with powder coating, Teflon coating.
- DESIGN & MANUFACTURING STANDARD : As per BS-5155, API 609, MSS SP 67 and ISO 5752 Design to fit without gasket between two flanges drilled to ANSI 125, DIN, ND-10/16, BS 10 TABLE D, E and F of BS 4505. PN- 10/16, TABLES 6,7 & 8 of IS:6418 and Table 11, 15 & 17 of IS:6392
- LINING / SLEEVE : NITRILE, E.P.D.M, SILICON, VITON & TEFLON.



NON RETURN VALVE (CHECK VALVE) TEFLON LINED NON RETURN VALVE



- LIFT UP TYPE NON RETURN VALVE & SWING TYPE NON RETURN VALVE
- SIZE : 1/2" TO 12" (15 MM TO 300 MM)
- CLASSES : ASA 150#, ASA 300#, ASA 600#, ASA 900# & 800#
- WAFER TYPE NON RETURN VALVE
- SIZE : 1/2" TO 40" (15 MM TO 1000 MM)
- DUAL PLATE CHECK VALVE
- SIZE : 1/2" TO 12" (15 MM TO 300 MM)
- FORGED NON RETURN VALVE
- SIZE : Forged C.S. A-105, F-304, F316, Forged F-22
- DISC CHECK VALVE (DCV)
- SIZE : 1/2" TO 2" (15 MM TO 50 MM) Rating 800#, 1600#, 2500#
- MATERIAL OF CONSTRUCTIONS : 1/2" TO 12" (15 MM TO 300 MM) : ASTMA 216 Gr WCB, CI TO IS 210 Gr.FG 220, AISI 304 (CF 8), AISI-316(CF 8 M), AISI 316 L (A 351 CF 3, CF3M), Gun Metal, Aluminum Bronze.

GLOBE VALVE

- SIZES : 1/4" TO 20" (6 mm to 500 mm)
- CLASSES : ASA 150#, ASA 300#, ASA 600#, ASA 900# & 800#
- MATERIAL OF CONSTRUCTIONS : ASTMA 216 Gr WCB, CI TO IS 210 Gr.FG 220, AISI 304 (CF 8), AISI-316(CF 8 M), AISI 316 L (A 351 CF 3, CF3M), Gun Metal, Forged C.S. A-105, Forged F-22.
- OPERATION : Manually Handle operated, Gear operated, Electric Actuator operated
- DESIGN & MANUFACTURING STANDARD : As per BS 1873, BS 5352, MSS SP 84-1984
- INSPECTIONS & TESTING STANDARD : As per BS 5146/API 598, BS 6755
- END CONNECTION : Flanged End, Screwed End, Socket Weld End, Butt Weld End





GATE VALVE

SIZES
CLASSES
MATERIAL OF CONSTRUCTIONS

OPERATION

DESIGN & MANUFACTURING STANDARD
INSPECTIONS & TESTING STANDARD
END CONNECTION

- : 1/4" TO 24" (6 mm to 600 mm)
- : ASA 150#, ASA 300#, ASA 600#, ASA 900# & 800#
- : ASTM A 216 Gr WCB, CI TO IS 210 Gr. FG 220, AISI 304 (CF 8), AISI-316(CF 8 M), AISI 316 L (A 351 CF 3, CF3M) ; Gun Metal, Aluminum Bronze, Forged, C.S. A-105, Forged F-22.
- : Manually Handle operated, Gear operated, Electric Actuator operated.
- : As per BS 1414, API 600, API 602
- : As per API 598, BS 6755 Part-1
- : Flanged End, Screwed End, Socket Weld End, Butt Weld End

PLUG VALVE TEFLON LINED PLUG VALVE

- LUBRICATING PLUG VALVE
- NON LUBRICATING PLUG VALVE

SIZES
MATERIAL OF CONSTRUCTIONS

OPERATION

DESIGN & MANUFACTURING STANDARD
INSPECTIONS & TESTING STANDARD
END CONNECTION

- : 1/2" TO 10" (15mm to 250 mm)
- : ASTM A 216 GR WCB, CI TO IS 210 Gr. FG 220, AISI 304 (CF 8), AISI-316(CF 8 M), AISI 316 L
- : Manually Handle operated, Gear operated, Pneumatic & Electric Actuator operated.
- : As per MSS SP - 78
- : As per BS 5146
- : Flanged End, Screwed End, Socket Weld, Butt Weld End



PINCH VALVE

SIZES
DESIGN
MATERIAL OF CONSTRUCTIONS

OPERATION

SLEEVE

END CONNECTION

- : 1" TO 12" (25 mm to 300 mm)
- : Open Body Design & Closed Body Design
- : CI TO IS 210 Gr FG 200, AISI 304, AISI-316, AISI 316 L, Aluminum
- : Manually Handle operated, Gear operated, Pneumatic & Electric Actuator operated.
- : NEOPRENE, NATURAL, BUTYL, HYPALON, E.P.D.M., NITRILE, VITON or as per your requirements.
- : Flanged End

DIAPHRAGM VALVE TEFLON LINED DIAPHRAGM VALVE

SIZES
DESIGN
MATERIAL OF CONSTRUCTIONS

LINING MATERIAL
BODY DIAPHRAGM
END CONNECTION

- : 1/2" TO 10" (15mm to 250 mm)
- : Weir- A & Straight way type.
- : ASTM A 216 Gr WCB, CI TO IS 210 Gr. FG 220, AISI 304 (CF 8), AISI-316 (CF 8 M), SS 316 L (A 351 CF 3C & CF3 M) unlined or lined.
- : Natural Rubber, Ebonite, Neoprene, EPDM, Teflon.
- : Neoprene, Nitrile, Silicon, EPDM, Viton, Teflon.
- : Screwed End, Flanged End



Y TYPE STRAINER POT / BASKET / TEE TYPE STRAINER

SIZES
STRAINER ELEMENT

MATERIAL OF CONSTRUCTIONS of BODY

END CONNECTION

- : 1/2" TO 20" (15 mm to 500 mm)
- : SS 304 / SS 316 OR GUN METAL as per customer requirements.
- : ASTM A 216 Gr WCB, CI TO IS 210 Gr. FG 220, AISI 304 (CF 8), AISI-316(CF 8 M), AISI 316 L (A 351 CF 3, CF3M), Gun Metal.
- : Screwed End, Socket Weld, Flanged End, Butt Weld End

Valve Selection & Applications		Chemicals	Suitable Valve Materials		
			ASTMA 216 WCB CARBON STEEL	ASTMA 351 CF8 SS 304	ASTMA 351 CF8M - SS 316
Valve Type	Characteristics & Applications				
Gate	For either On-Off or Isolation Purpose only	ACETIC ACID	P	F	F
Globe	Shut-off / Flow Control / Regulation	ACETALDEHYDE	E	E	E
Wafer NRV	Light Weight, less Stress on pipeline, low cost & Maintenance.	ACETONE	E	E	E
Ball	Tight Shut off. Flow regulation, Easy to operate, low pressure drop	AMMONIA	E	E	E
Butterfly	Shut Off-Flow regulation Compact-Easy to Operate	AMMONIUM HYDROXIDE	P	E	F
Diaphragm	To be used where fluid contact with metal is not desired	AMMONIUM NITRATE	E	E	E
Pinch	To be used where fluid contact with metal is not desired is recommended for viscous fluids.	ASPHALT	E	E	E
		BEER P	F	E	E
		BENZENE (BENZOL)	E	E	E
		BORIC ACID	P	E	E
		BUTTER MILK	P	E	E
		CARBOLIC ACID	F	E	F
		CARBON DIOXIDE (DRY & WET)	E	E	E
		CHLORINE (DRY)	E	F	F
		CHLOROFORM	E	E	E
		COALTAR	F	E	E
		COTTONSEED OIL	E	E	E
		COPPER NITRATE	P	F	F
		ETHANE	E	E	E
		ETHER	F	E	E
		ETHYLENE	E	E	E
		ETHYLCHLORIDE	P	E	F
		FISHOIL	F	E	F
		FORMAL DEHYDE	F	F	F
		FUEL OIL	F	E	E
		FURFURAL	E	E	E
		FORMIC ACID	P	F	F
		FRUIT JUICES	F	E	E
		GASOLINE (REFINED)	E	E	E
		GLUCOSE	F	E	E
		GLYCERINE	F	E	E
		HYDROFLUORIC ACID	F	P	P
		HYDROGEN GAS	F	E	F
		HYDROGEN FLUORIDE	F	E	F
		HYDROGEN PEROXIDE	P	E	E
		HYDROGEN SULFIDE	P	E	E
		INDOFORM	P	E	E
		KEROSENE	E	E	E
		LACTIC ACID	P	E	E
		LITHIUM	F	E	E
		MAGNESIUM HYDROXIDE	E	E	F
		MAGNESIUM SULFATE	F	F	F
		METHYL CHLORIDE	P	F	F
		MILK	P	E	F
		MERCURY	E	E	E
		METHANOL	E	E	E
		NATURAL GAS	E	E	E
		NITRIC ACID	P	E	E
		OLEIC ACID	P	E	E
		OXYGEN	E	E	E
		PARAFFIN	E	E	E
		PETROLEUM OILS	E	E	E
		POTASSIUM CHLORIDE	F	E	E
		POTASSIUM PHOSPHATE	P	E	E
		PHOSPHORIC ACID	P	E	E
		PICRIC ACID	P	E	E
		POTASSIUM HYDROXIDE	F	E	E
		PROPANE GAS	P	E	E
		SILVER NITRATE	P	E	E
		SOAP	F	F	E
		SODIUM ACETATE	E	E	E
		SODIUM CARBONATE	E	F	E
		SODIUM CYANIDE	F	F	F
		SODIUM HYDROXIDE	E	F	F
		SODIUM NITRATE	F	E	E
		SULFUR	E	E	E
		STEAM	E	E	E
		SULFUR DIOXIDE	F	E	E
		TAR	E	E	E
		TURPENTINE	F	E	E
		VEGETABLE OIL	P	F	F
		WATER	E	E	E
		WHISKEY AND WINES	P	E	E
		ZINC SULFATE	P	E	E

OUR OTHER VALVE PRODUCTS

- PULP VALVE
- KNIFE EDGE GATE VALVE
- NEEDLE VALVE
- FLOAT VALVE
- STEAM TRAPS
- SAFETY VALVE
- SOLENOID VALVE
- CONTROL VALVE
- FOOT VALVE
- ANGLE GLOBE VALVE
- HIGH PRESSURE BALL VALVE
- SIGHT GLASS
- DOUBLE WINDOW SIGHT GLASS
- FLUSH BOTTOM TANK VALVE
- FLUSH BOTTOM BALL VALVE
- PRESSURE RELEASE VALVE
- ELECTRIC ACTUATORS
- PNEUMATIC ACTUATORS
- IBR APPROVED VALVE
- FLANGES AND FITTINGS
- STEAM JACKETED BALL VALVE

DEALER



E-Excellent F-Fair P-Poor

Manufacturer & Exporter

M. Kumar
Technocrates

Regd. Office : SR - 9, Rambha Complex, Ashram Road,
Ahmedabad - 380 014. Gujarat (India)
Phone : (0) +91 - 79 -27540287 Fax : +91 - 79 - 27545519
E-mail : info@amtechvalves.net / amtechvalves@yahoo.co.in
Website : www.amtechvalves.net