



## ELECTRICAL RATINGS

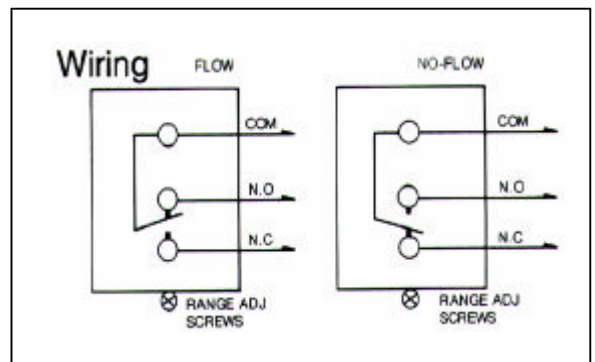
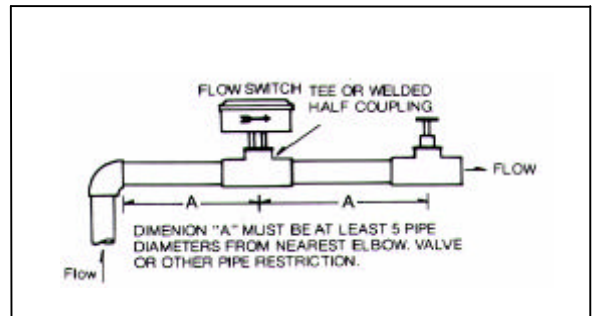
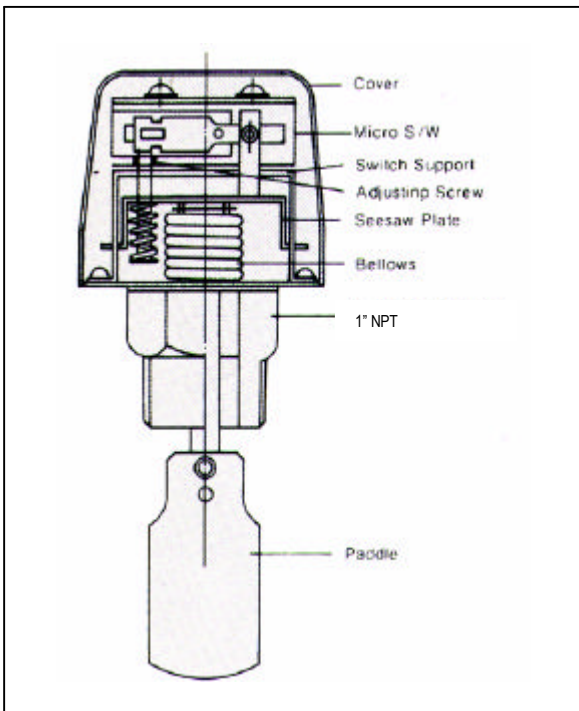
Type	Voltage	Resistance Load	Lamp Load	Motor Load
AC (Standard)	AC 125 V	5A	44A	5A
	AC 250 V	2.5A	22A	2.5A
DC	DC 115 V	0.3A		
	DC 230 V	0.15A		

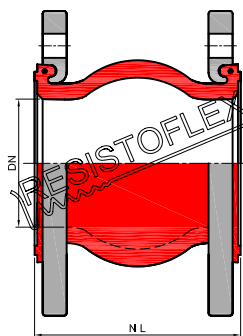
## FLOW CONTROL RANGE TABLE

CLASSIFICATION		FLOW CONTROL RANGE		LPM (GPM)	
Pipe Diameter (inch)	Paddle	Minimum		Maximum	
		On-Flow	Off-Flow	On-Flow	Off-Flow
1	1	15 (4.0)	8 (2.0)	45 (12.0)	41 (11.0)
1-1/4		26 (6.9)	13 (3.4)	75 (20.0)	68 (18.0)
1-1/2		29 (7.0)	20 (5.3)	105 (28.0)	94 (25.0)
2	2	34 (9.0)	17 (4.5)	120 (32.0)	105 (28.0)
2-1/2		60 (16.0)	34 (9.0)	210 (55.0)	188 (50.0)
3	3	68 (18.0)	30 (8.0)	288 (76.0)	275 (73.0)
4		128 (34.0)	64 (17.0)	412 (109.0)	360 (95.0)
5		225 (59.0)	113 (30.0)	750 (198.0)	652 (172.0)
6		345 (91.0)	172 (45.0)	1125 (297.0)	975 (258.0)

This table illustrates the flow control range obtained from experimental data. A variation of up to 10% can be expected, depending on operating conditions. Final adjustments should be made on site using a flow meter.

## TYPICAL INSTALLATION





CONSTRUCTION			
S.NO	COMPONENT	MATERIAL	
1	Outer / Inner Rubber	Standard	EPDM
		Optional	NR, CR, NBR
2	Fabric Reinforcement	Synthetic cord	
3	Girdle	Steel Cable	
4	Flanges	Mild steel	

DESIGN CONDITIONS					
TYPE		PN 2.5	PN 10	PN 16	PN 25
Maxm. Working Pressure	Kgf/cm <sup>2</sup>	2.5	10	16	25
Test Pressure	Kgf/cm <sup>2</sup>	3.8	15	25	38
Vacuum	mm of Hg	250	400	650	750
Flange Drillings	Standard	IS 6392	BS 10 'D'	BS 10 'E'	-
	Optional	ASME B 16.5 / BS 4504 / ISO 7005 / EN 1092			
Temperature	Standard	-10° to +70°C			
	Optional	-20° to 115°C			
Applications	Standard	Air, Compressed Air, Water, Sea Water, Acid, Alkali etc.			
	Optional	Oils, Hydraulic Oil, Hot Water			

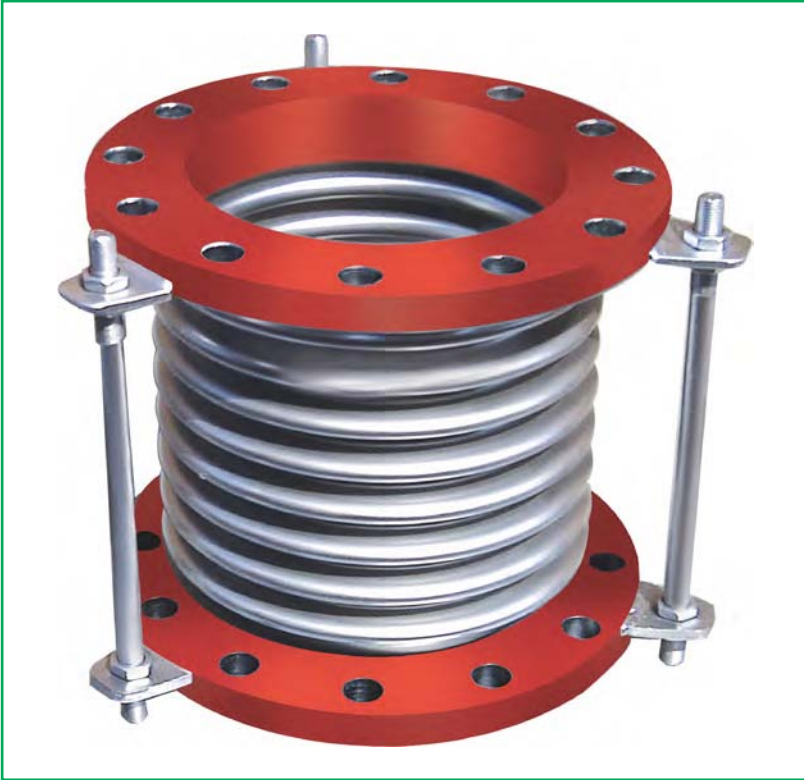
1 bar = 1 Mpa = 1 Kg/cm<sup>2</sup> = 14.5 psi

TECHNICAL CHARACTERISTICS						
Code	NOMINAL BORE	NATURAL LENGTH	MAXIMUM ALLOWABLE MOVEMENTS (NOT SIMULTANEOUS)			
	NB	NL	COMPRESSION	ELONGATION	LATERAL	ANGULAR
	(mm)	(mm)	(mm)	(mm)	(mm)	(Deg.)
REJ-SRSA-020	20	150	8	5	8	15°
REJ-SRSA-025	25	150	8	5	8	
REJ-SRSA-032	32	150	9	6	9	
REJ-SRSA-040	40	150	10	6	9	
REJ-SRSA-050	50	150	10	7	10	
REJ-SRSA-065	65	150	13	7	11	
REJ-SRSA-080	80	150	15	8	12	
REJ-SRSA-100	100	150	19	10	13	15°
REJ-SRSA-125	125	150	19	12	13	
REJ-SRSA-150	150	150	20	12	14	15°
REJ-SRSA-200	200	150	25	16	22	
REJ-SRSA-250	250	200	25	16	22	15°
REJ-SRSA-300	300	200				
REJ-SRSA-350	350	200				
REJ-SRSA-400	400	200				
REJ-SRSA-450	450	200				
REJ-SRSA-500	500	200				
REJ-SRSA-600	600	250	25	16	22	15°
REJ-SRSA-700	700	250				
REJ-SRSA-800	800	250				
REJ-SRSA-900	900	250				
REJ-SRSA-1000	1000	250				

Consult Resistoflex for special sizes, end connections, handling medium, operating Conditions  
In the interest of continual development and improvement, the company reserves the right to make modifications to these details without notice

# Metal Expansion Joints with Floating Flanges

Style RMEJ-FF



## DESIGN

A moulded Rubber Bellow that combines elastic properties of rubber with textile reinforcements and integrated with alignable Floating Steel Flanges to provide a flexible pipe joint.

## APPLICATIONS

For use in Water Lines & HVAC systems in:

- RESIDENTIAL HOUSES
- COMMERCIAL BUILDINGS
- INDUSTRIAL PLANTS/ PREMISES
- SEWAGE TREATMENT PLANTS
- CHEMICAL PLANTS
- POWER PLANTS
- MARINE SYSTEMS

## ADVANTAGES

- WIDE FLOWING ARCH. VIRTUALLY ELIMINATES SEDIMENT BUILD UP
- FLOATING FLANGE EASES INSTALLATION
- COMPENSATES FOR AXIAL MOVEMENTS DUE TO THERMAL CHANGES & MISALIGNMENT
- COMPENSATES FOR LATERAL, TORSIONAL AND ANGULAR MOVEMENTS
- ISOLATES VIBRATIONS, DAMPENS NOISE AND PRESSURE SURGES
- SUITABLE FOR SUCTION AND DISCHARGE

**EVERY JOINT IS TESTED FOR PRESSURE & VACUUM**

for durability, long life & trouble free service



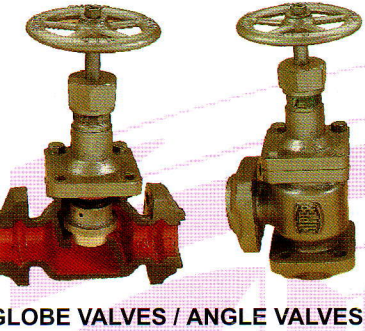
# INDUSTRIAL VALVE & FITTINGS

## AMMONIA VALVE & FITTINGS

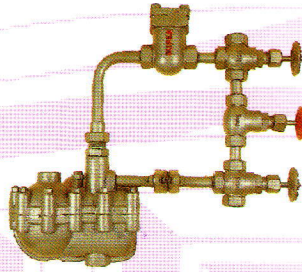
Working Temperature: (-70°C TO + 180°C)  
 Working Pressure : 20kg/cm<sup>2</sup>  
 Size range : 6 to 300 mm..

Body material  
 Working Media

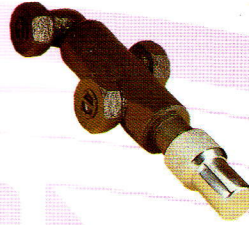
: C.I./ M. Steel  
 : Ammonia, Freon, Ref.  
 Machine oils, Neutral  
 Gaseous & liquid  
 Media.



GLOBE VALVES / ANGLE VALVES



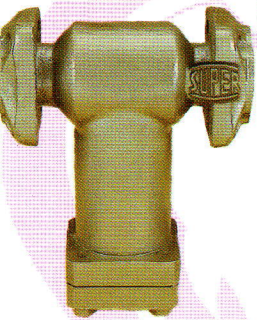
FLOAT VALVES



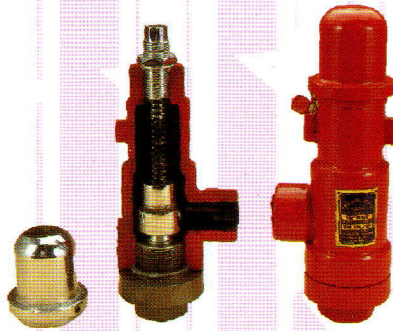
DUAL SAFETY VALVE MANIFOLDS



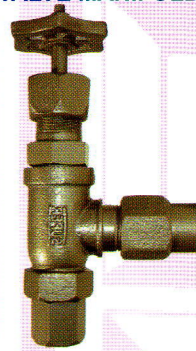
CHECK VALVES



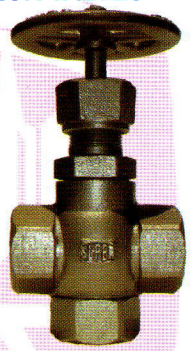
STRAINER VALVES



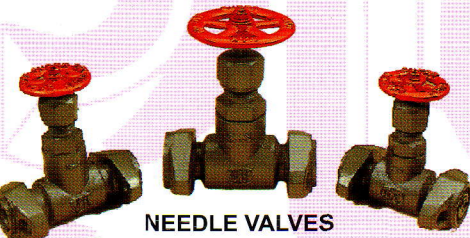
SAFETY VALVES



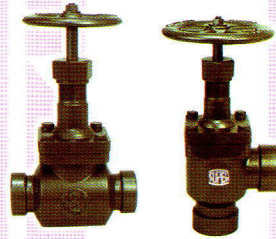
GAUGE VALVES



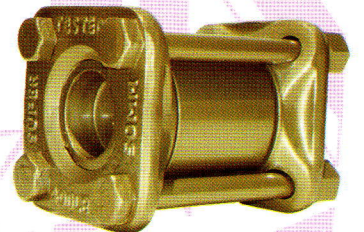
TEE VALVES



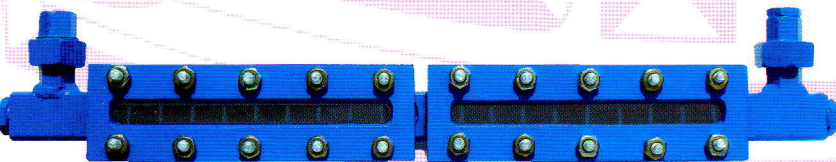
NEEDLE VALVES



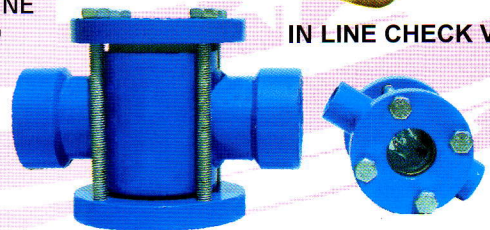
CAST STEEL WELD-IN-LINE VALVES (Socket Type)



IN LINE CHECK VALVES



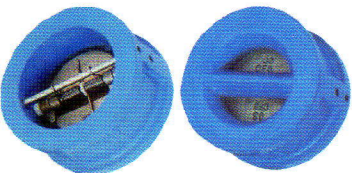
REFLEX GLASS LIQUID LEVEL GAUGE



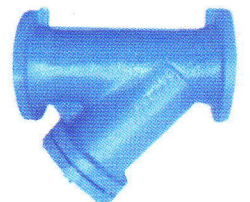
FLOW INDICATORS

## HIGH QUALITY INDUSTRIAL VALVES

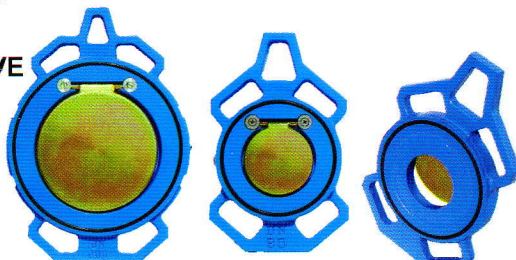
Size range : 32 to 300mm  
 Working Media : Water, gases,  
 oil, granulates etc.



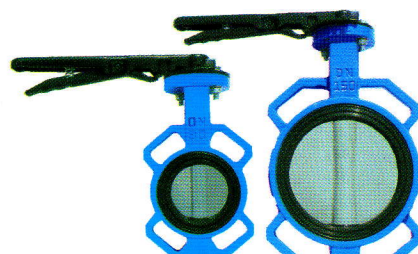
DUAL PLATE CHECK VALVE



STRAINER VALVES



WAFER SWING CHECK VALVES



BUTTERFLY VALVES

Note : Any special size / pressure rating can be provided as per requirement