

## FLOW CONTROL EQUIPMENT



### Foot Valve

- ◆ Design and manufactured to EN1074-5
- ◆ Working Pressure : 16 bar
- ◆ Test Pressure : Shell 24 bar, Seat 17.6 bar
- ◆ Body material : Cast Iron BS1452-GR.220, available Ductile Iron BS2789 500/7
- ◆ Flange ends to EN1092-2, BS4504 PN16



### Ductile Iron Gate Valve Resilient Seat

- ◆ Design and manufactured to BS 5163
- ◆ Disc material : Ductile Iron with EPDM/NBR vulcanization
- ◆ Suitable for water, sewage, and neutral liquid (maximum temperature to 70°C)
- ◆ Face to face dimension to BS 5163
- ◆ Flange dimension BS 4504 PN16
- ◆ Body, bonnet : Ductile Iron to BS EN 1563 450/10= EN-GJS450-10 (EN-JS1040)
- ◆ Working pressure : 16 bar
- ◆ Available in key or handwheel operated
- ◆ Pressure test on body : 24 bar
- ◆ Stem material : Stainless Steel
- ◆ Pressure test on seat : 17.6 bar



Ductile Iron Gate Valve Resilient Seat		
Handwheel Operated	Key Operated	OS & Y Rising Stem
HYD093-DI65PN16	HYD073-DI65PN16	HYD092-DI050PN16
HYD093-DI80PN16	HYD073-DI80PN16	HYD092-DI065PN16
HYD093-DI100PN16	HYD073-DI100PN16	HYD092-DI080PN16
HYD093-DI150PN16	HYD073-DI150PN16	HYD092-DI100PN16
HYD093-DI200PN16	HYD073-DI200PN16	HYD092-DI125PN16
HYD093-DI250PN16	HYD073-DI250PN16	HYD092-DI150PN16
HYD093-DI300PN16	HYD073-DI300PN16	HYD092-DI200PN16
		HYD092-DI250PN16
		HYD092-DI300PN16



### Pressure Reducing Valve

- ◆ Connection Standard : BS EN 1092-2
- ◆ Connection Ends : Flange to BS EN 1092-2:1997 Temperature Range: 0°C-100°C
- ◆ Working Pressure : PN25, PN16
- ◆ Testing Standard : API 598
- ◆ Design Standard : C/J/ T 219, C/J/T 256, JB/T 10674, BS EN 558 series 10
- ◆ Basic Valve : Y-Type Direct-flow

Code No.	Code No.
SPR-161-050-AN125	SPR-161-050-PN16
SPR-161-065-AN125	SPR-161-065-PN16
SPR-161-080-AN125	SPR-161-080-PN16
SPR-161-100-AN125	SPR-161-100-PN16
SPR-161-125-AN125	SPR-161-125-PN16
SPR-161-150-AN125	SPR-161-150-PN16
SPR-161-200-AN125	SPR-161-200-PN16
SPR-161-250-AN125	SPR-161-250-PN16
SPR-161-300-AN125	SPR-161-300-PN16

Part No.	Part	Standard Specification
1	Up Bonnet	EN-GJS-450-10
2	Middle Bonnet	EN-GJS-450-10
3	Valve Body	EN-GJS-450-10
4	Main Gasket	EPDM
5	Disc head	SS304
6	Gland of Main Disc	EN-GJS-450-10
7	Seat	SS304
8	Main Disc	EN-GJS-450-10
9	Spring	SS304
10	Stem	SS304
11	Bushing	C89833
12	Diaphragm	EPDM
13	Bottom Gland	EN-GJS-450-10
14	Up Gland	EN-GJS-450-10
15	Cap Plug	50-300 / 304 350-600 / C89833
16	Pressure Gauge	SS304
17	Ball Valve	HPb59-1
18	Pilot Valve	SS304
19	Needle Valve	SS304
20	Built-in Strainer	SS304

DN		PN	Dimensions (mm)							
Inch	mm		L	H	D	D1	d	C	T	n-ØL
2"	50	10/16	203	170	165	125	99	19	3	4-Ø19
2.5"	65	10/16	216	195	185	145	118	19	3	4-Ø19
3"	80	10/16	241	215	200	160	132	19	3	8-Ø19
4"	100	10/16	292	255	220	180	156	19	3	8-Ø19
5"	125	10/16	330	290	250	210	184	19	3	8-Ø19
6"	150	10/16	356	360	285	240	211	19	3	8-Ø23
8"	200	10	495	450	340	295	266	20	3	8-Ø23
		16	495		340	295	266	20	3	12-Ø23
10"	250	10	622	550	405	350	319	22	3	12-Ø23
		16	622		405	355	319	22	3	12-Ø28
12"	300	10	698	645	460	400	370	24.5	4	12-Ø23
		16	698		460	410	370	24.5	4	12-Ø28