

FLOW CONTROL EQUIPMENT

GATE VALVE



SPECIFICATION

- Non rising stem (handwheel or key operated) and O.S & Y
- Body, bonnet, disc and handwheel material: Cast iron or Ductile iron, Cast iron to BS 1452 Gr.220, Ductile iron to BS2789 Gr.420/12 or 500/7
- Available in : 1) Resilient Seat for Non Rising Stem PN16 and O.S & Y
2) Metal Seat for Non Rising Stem PN10
- Packing material : For Resilient Seat – EPDM/NBR O Rings
For Metal Seat – Polyimide (Non-asbestos)
- Stem material : Stainless steel
- Gasket Material : EPDM/Rubber

PN10 (10BAR)

Manufactured to BS 3464 PN10

- Flange : BS 10 Table E
- Working pressure : 10bar, 145Psi (WOG)
- Body test pressure: 15bar
- Seat test pressure : 11bar

PN16 (16BAR)

Manufactured to BS 5163 & BS 5150

- Flange : BS 10 Table E
- Working pressure : 16bar, 232Psi (WOG)
- Body test pressure: 24bar
- Seat test pressure : 17.6bar

Size (mm)	Non Rising Stem PN10 & PN16		OS & Y Rising Stem PN16
	Key Operated	Handwheel Operated	Handwheel Operated
2-1/2" (65)	HYD073-CI65	HYD089-CI6	HYD092-CI65
3" (80)	HYD073-CI80	HYD089-CI80	HYD092-CI80
4" (100)	HYD073-CI100	HYD089-CI100	HYD092-CI100
6" (150)	HYD073-CI150	HYD089-CI150	HYD092-CI150
8" (200)	HYD073-CI200	HYD089-CI200	HYD092-CI200
10" (250)	HYD073-CI250	HYD089-CI250	HYD092-CI250
12" (300)	HYD073-CI300	HYD089-CI300	HYD092-CI300



DUCTILE IRON GATE VALVE RESILIENT SEATED SPECIFICATION

- Design and manufactured to BS 5163 1986 type B
- Disc material : Ductile Iron with EPDM/NBR vulcanization
- Suitable for water, sewage and neutral liquid (maximum temperature to 700C)
- Face to face dimension to BS 5163
- Flange dimension BS 4505 PN16
- Body, bonnet : Ductile Iron to BS 2789
- 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 bar

Ductile Iron Gate Valve Resilient Seat	
Handwheel Operated	Key Operated
HYD093-DI65PN16	HYD073-DI65PN16
HYD093-DI80PN16	HYD073-DI80PN16
HYD093-DI100PN16	HYD073-DI100PN16
HYD093-DI150PN16	HYD073-DI150PN16
HYD093-DI200PN16	HYD073-DI200PN16
HYD093-DI250PN16	HYD073-DI250PN16
HYD093-DI300PN16	HYD073-DI300PN16



CAST IRON Y-STRAINER SPECIFICATION

- Body and Bonnet material: Cast Iron to BS 1452 GR220
- Screen material: Stainless steel
- Flanged: BS10 Table E
- Working Pressure: 16 bar
- Test pressure: 20 bar
- Screen size: 2mm diameter

Size (mm)	Code No.	Type
1" (25)	MIS249-CI-25BSPT	Screw
2" (50)	MIS249-CI-50BSPT	Screw
2-1/2" (65)	MIS249-CI-65TE	Flange
3" (80)	MIS249-CI-80TE	Flange
4" (100)	MIS249-CI-100TE	Flange
6" (150)	MIS249-CI-150TE	Flange
8" (200)	MIS249-CI-200TE	Flange