

Building Service Application

JIS 16K/Class 125 Flanged Valves



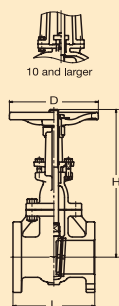
Gate Valve
Globe Valve
Swing Check Valve
Y-Pattern Strainer

16K Gate Valve

Ansi Standard

Fig 125FCL

W.O.G. 120°C Non-Shock: 1.6 MPa*



*Maximum Working Pressure:
1.4 MPa (2-12")/1.0 MPa (14-24")

Cast Iron Body	Outside Screw & Yoke
Bolted Bonnet	Rising Stem

Parts	Materials	ASTM Spec.
Body	Cast Iron	A126 CL. B
Bonnet	Cast Iron	A126 CL. B
Stem	Forged Brass	B124 C37700
Disc	Cast Iron	A126 CL. B
Gland Packing	Non Asbestos	
Gasket	Non Asbestos	
Body Seat Ring	Cast Bronze	B62
Yoke	Cast Iron	A126 CL. B
Disc Seat Ring	Cast Bronze	B62

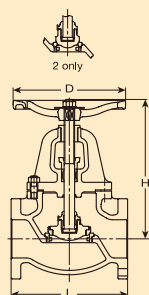
Size	mm	2	2 1/2	3	4	5	6	8	10	12	14
	inch	50	65	80	100	125	150	200	250	300	350
L		178	190	203	229	254	267	292	330	356	381
H		328	382	438	532	627	726	919	1134	1363	1560
D		160	170	170	225	225	250	280	350	450	500

16K Globe Valve

Ansi Standard

Fig 125FCJ

W.O.G. 120°C Non-Shock: 1.6 MPa*



*Maximum Working Pressure:
1.4 MPa (2-12")/1.0 MPa (14-24")

Cast Iron Body	Outside Screw & Yoke
Bolted Bonnet	Rising Stem

Parts	Materials	ASTM Spec.
Body	Cast Iron	A126 CL. B
Bonnet	Cast Iron	A126 CL. B
Stem	Forged Brass	B124 C37700
Disc	Cast Bronze	B62
	Cast Iron	A126 CL. B
Lock Nut	Cast Bronze	B62
Gland Packing	Non Asbestos	
Gasket	Non Asbestos	
Body Seat Ring	Cast Bronze	B62
Disc Seat Ring	Cast Bronze	B62

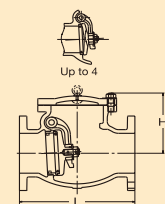
Size	mm	2	2 1/2	3	4	5	6	8
	inch	50	65	80	100	125	150	200
L		203	216	241	292	330	356	495
H		277	307	353	404	467	533	620
D		180	180	225	280	300	350	450

16K Swing Check Valve

Ansi Standard

Fig 125FCO

W.O.G. 120°C Non-Shock: 1.6 MPa



Cast Iron Body	Swing Type Disc
Bolted Cover	

Parts	Materials	ASTM Spec.
Body	Cast Iron	A126 CL. B
Cover	Cast Iron	A126 CL. B
Disc	Cast Bronze	B62
	Cast Iron	A126 CL. B
Split Pin	Stainless Steel	
Hinge Pin	Forged Brass	B124 C37700
Gasket	Low Yield Steel	
Body Seat Ring	Cast Bronze	B62
Disc Seat Ring	Cast Bronze	B62
Arm	Stainless Steel	A350 Gr. CF8
	Cast Bronze	B62
Washer	Carbon steel	

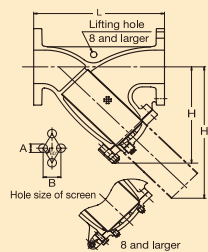
Size	mm	2	2 1/2	3	4	5	6	8	10	12	14
	inch	50	65	80	100	125	150	200	250	300	350
L		203	216	241	292	330	356	495	622	356	381
H		111	121	145	165	207	225	268	315	1363	1560

16K Y-Pattern Strainer

Ansi Standard

Fig 125FCY

W.O.G. 120°C Non-Shock: 1.6 MPa



Cast Iron Body	Y-Pattern Body
Bolted Cover	Punched Stainless Steel Plate Screen

Parts	Materials	ASTM Spec.
Body	Cast Iron	
Cover	Cast Iron	A126 CL. B
Gasket	Non Asbestos	A276 Type 304
Screen	Stainless Steel	A126 CL. B

Size	mm	2	2 1/2	3	4	5	6	8	10	12	14
	inch	50	65	80	100	125	150	200	250	300	350
L		250	285	315	370	420	490	570	680	800	950
H		168	212	242	284	325	370	440	515	600	740
H ₁		208	209	335	388	446	497	589	694	818	993
A		1.4φ	1.5φ			3.0φ			5.0φ		
B		2.4mm	2.5mm			5.0mm			7.0mm		