

510

Globe Valve

PN16 Cast Iron Globe Valve
Outside screw, Rising stem

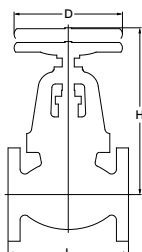
16 bar at 120°C, 12.8 bar at 200°C, P-T rating : See page 02



Fig. 510

Materials

Parts	Material	Specifications		
		Trim B/CR13 (510B)	Trim CR13/CR13 (510S)	Trim 316/316 (510M)
Body	Cast Iron	EN-GJL-200		
Bonnet	Cast Iron	EN-GJL-200		
Stem	Stainless Steel	ASTM A276 Type420		ASTM A276 Type316
Disc	Cast Iron/Stainless Steel	EN-GJL-200	Carbon Steel + 13CR	Carbon Steel + 316
Disc seat ring	Cast Bronze	ASTM B62	—	—
Body seat ring	Cast Bronze/Stainless Steel	ASTM B62	Carbon Steel + 13CR	Carbon Steel + 316
Gland	Ductile Iron			
Grand packing	Graphite			
Gasket	Graphite			
Gland bolt/ nut	Carbon Steel			
Bonnet bolt/nut	Carbon Steel			
Yoke bush	Cast Brass			
Hand wheel	Cast Iron			



Dimensions	inch mm	Unit : mm									
		2	2 1/2	3	4	5	6	8	10	12	
L		203	216	241	292	330	356	495	622	698	
H(Open)		322	338	359	392	438	503	552	639	755	
D		200	200	200	250	300	300	360	450	500	

Design Specifications

Face-to-face or End-to-end dimensions	BS EN 558 Basic series 10
End connection	BS EN 1092-2 PN16
Wall thickness	Maker's standard

520

Swing Check

PN16 Cast Iron Swing Check Valve

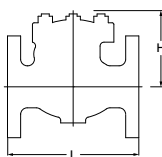
16 bar at 120°C, 12.8 bar at 200°C, P-T rating : See page 02



Fig. 520

Materials

Parts	Material	Specifications		
		Trim B/CR13 (520B)	Trim CR13/CR13 (520S)	Trim 316/316 (520M)
Body	Cast Iron	EN-GJL-200		
Cover	Cast Iron	EN-GJL-200		
Hinge pin	Stainless Steel	ASTM A276 Type420		ASTM A276 Type316
Disc	Stainless Steel	EN-GJL-200		
Disc seat ring	Cast Bronze/Stainless Steel	ASTM B62	ASTM A182 Gr.F6a	ASTM A182 Gr.F316
Body seat ring	Cast Bronze/Stainless Steel	ASTM B62	Carbon Steel + 13CR	Carbon Steel + 316
Arm	Carbon Steel			
Gasket	Graphite			
Cover bolt/nut	Carbon Steel			
Plug	Malleable Iron	ASTM A47		



Dimensions	inch mm	Unit : mm									
		2	2 1/2	3	4	5	6	8	10	12	
L		203	216	241	292	330	356	495	622	698	
H		154	162	176	220	226	307	325	384	426	

Design Specifications

Face-to-face or End-to-end dimensions	BS EN 558 Basic series 10
End connection	BS EN 1092-2 PN16
Wall thickness	Maker's standard