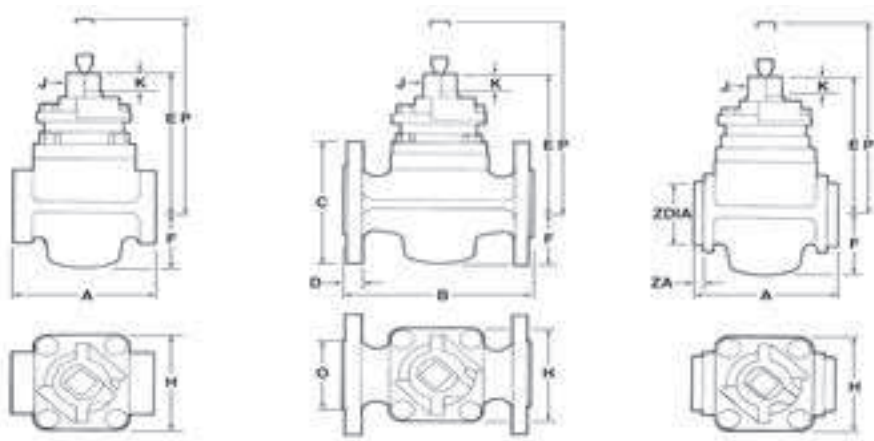


Class 300 Short Pattern

Standard Type

MSW322CC	Screwed BSP Tpr	15-80mm
MSW344CC	Screwed API	15-80mm
MSW333CC	Flanged Class 300 RF	15-100mm
MSW399CC	Socket Weld end	15-50mm



Flanged valves have face-to-face dimensions conforming to BS 5158 PN 10/16 & BS 2080 Class 150 Short, ANSI B16.10 & API 6D Class 150 Short. These valves are thus interchangeable with equivalent gate valves. Flanged valves have patterns conforming to BS 5353, BS 5158, ANSI B16.34, API 6D & API 599 Short (with steel plug).

			15	20	25	40	50	80	100
A	End-to-end screwed & SWE	mm	95	95	111	133	165	203	-
B	Face-to-face	mm	140	140	159	191	216	283	305
C	Flange diameter ANSI RF	mm	95.3	117	124	156	165	210	254
D	Total flange thickness ANSI RF	mm	14.3	15.9	17.5	20.6	22.2	28.6	31.8
E	CL to top of stem	mm	100	100	114	114	176	229	245
F	CL to bottom of body	mm	37	37	49	65	81	114	140
H	Maximum width of body screwed & SWE	mm	71	71	78	104	125	149	-
H	Maximum width of body flanged	mm	78	78	78	105	125	149	149
J	Size of plug square	mm	19.1	19.1	22.2	27.0	31.8	41.3	47.6
K	Depth of plug square	mm	19.8	19.8	21.4	28.6	27.0	44.5	46.0
O	Raised face diameter ANSI RF	mm	34.9	42.9	50.8	73.0	92.1	127	157
P	Clearance to remove screw or lubricator	mm	157	157	171	210	265	325	343
U	CL to end of fitted wrench	mm	152	152	229	318	381	559	711
Z	I.D. of socket SWE (-0.0 +0.25mm)	mm	21.72	27.05	33.78	48.64	61.11	-	-
ZA	Depth of socket SWE	mm	9.53	12.7	12.7	12.7	15.9	-	-
	Weight (approx) screwed & SWE	kg	3.2	3.2	4.5	8.2	13	27	-
	Weight (approx) flanged	kg	3.6	3.6	6.3	14	18	38	75
	Wrench number		2	2	3H	4H	5H	7H	8H
	Sealant stick size		A	A	A	B	C	D	D

Valves are normally supplied with drilled Class 150 flanges having serrated finish raised faces in accordance with ANSI B16.5. Most valves on this page can be supplied with flanges drilled to BS EN1092-1 PN25/PN40.