

## SPECIFICATION

Face to face dimensions of these valves conform to BS 1735 for Class 125 Cast Iron Gate Valves.

Class 125 flange dimensions and drilling in accordance with ANSI B 16.1.

BST 'D' flanges and drilling in accordance with BS 10, except sizes 8" and 12". †

Flanges drilled unless otherwise stated on order.

Body .. .. .	}	High Duty Cast Iron (Semi-Steel), BS 1452 Gr. 14.
Cover .. .. .		
Plug .. .. .		
Gland .. .. .		
Bolting .. .. .		Carbon Steel

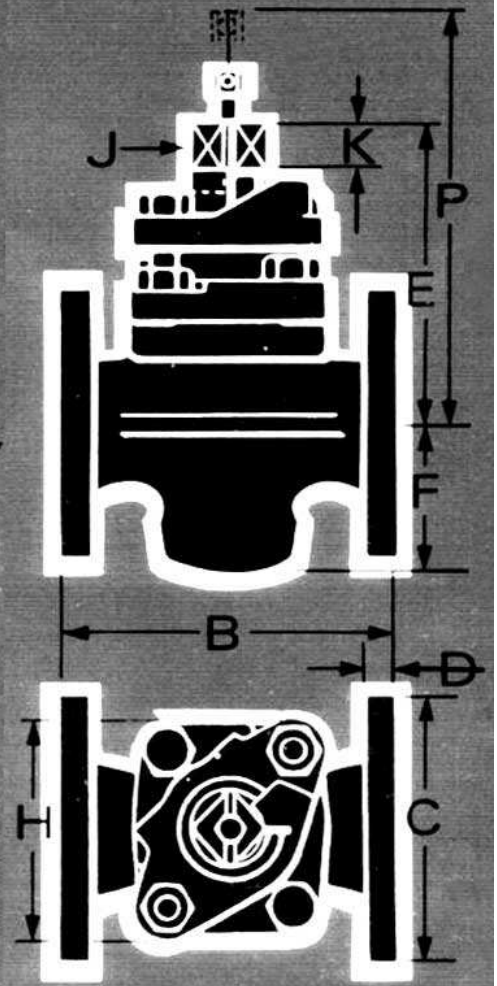
## NOTES

Most valves on this page can be supplied with flanges drilled to DIN ND10 or BS 4504 NP10.

Some holes in each flange are tapped \* and require studs of the same diameter as the bolts which they replace.

†These flanges are integral with the valve body and have Class 125 diameter.

\*UNC threads on ANSI or BS 10 flanges, ISO Metric coarse on DIN or BS 4504 flanges.



## WRENCH OPERATED AND LIGHT DUTY GEAR UNIT OPERATED VALVES

Valve Size		2"	2½"	3"	4"	6"	*8"	10"
B	Face to face .. .. .	7"	7½"	8"	9"	10½"	11½"	13"
		178 mm	191 mm	203 mm	229 mm	267 mm	292 mm	330 mm
	Number of holes tapped for studs in each flange ..					2	4	4
						2	2	2
C	Flange diameter Class 125 .. .. .	6"	7"	7½"	9"	11"	13½"	16"
	BST 'D' .. .. .	6"	6½"	7¼"	8½"	11"	11¾"	16"
D	Flange thickness (all tables) .. .. .	¾"	¾"	¾"	15⁄16"	1"	1⅛"	1⅜"
E	Centre line to top of plug .. .. .	6⅛"	6⅜"	7⅜"	8⅜"	11⅜"	12⅞"	14⅝"
F	Centre line to bottom of body .. .. .	2⅜"	3⅞"	4"	4½"	6⅞"	7⅞"	8⅝"
		71 mm	87 mm	101 mm	114 mm	175 mm	180 mm	220 mm
H	Maximum width of valve (excl. flanges) ..	4⅛"	4⅝"	5⅜"	6"	11"	13½"	15"
		105 mm	125 mm	145 mm	152 mm	280 mm	343 mm	381 mm
J	Size of plug square .. .. .	1⅜"	1¼"	1½"	1⅝"	2"	2"	2"
K	Depth of plug square .. .. .	1"	1⅛"	1⅜"	1⅝"	2⅛"	2⅛"	2⅛"
P	Clearance to remove lubricant screw/ combination lubricator .. .. .	8⅜"	9⅝"	10⅝"	12½"	16⅜"	17⅜"	19"
		213 mm	252 mm	278 mm	318 mm	416 mm	450 mm	483 mm
	Wrench number .. .. .	4H	5H	6H	7H	10H	10H	
	Wrench length from centre line .. .. .	13"	15"	18"	18"	40"	40"	
	Actuator number (if required) .. .. .	P100	P100	P480	P480	P1700	P1700	P1700
						Gun Lubrication		
	Lubricant stick size .. .. .	B	C	C	D	E	E	E
	Weight (approx.) kg .. .. .	13	18	25	34	82	112	168

\*The 10" valve is fitted with a Light Duty Gear Unit; 6" and 8" valves can also be fitted with Light Duty Gear Units.