



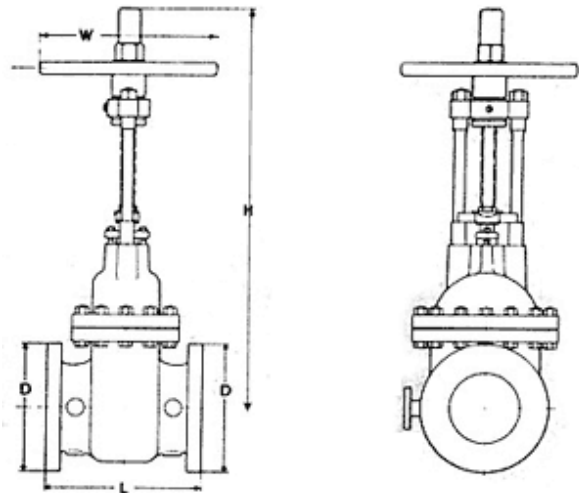
VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

Cast Steel Parallel Slide Gate Valves
In compliance with B.S.5157

Fitted with Closure Indicator as standard. Can be fitted with Locking Device if required at an extra charge.

Class 150 / PN 16 **Fig. M2131:**
Sizes 50 mm (2 in) to 600 mm (24 in)

Class 300 / PN 40 **Fig. M2134:**
Sizes 20 mm (3/4 in) to 400 mm (16 in)



Ratings

FLANGED TO BS 4504 : 3.1 - 1989 Shell Material: A216 Grade WCB														
Figure Number	Sizes: Millimeters Inches	Flange† Table	Temperature in °C and °F											
			Up to 38	93	Up to 120	150	200	250	300	360	350	371	400	425
			Up to 100	199	Up to 248	302	392	492	572	600	662	700	752	797
Pressure in Bar and lbf/in ²														
M2131	50 - 600	PN 16	-	-	16.0	15.7	15.2	14.4	12.8	-	11.2	-	8.8	7.2
	2 - 24		-	-	232	228	220	209	186	-	162	-	128	104
M2134	20 - 400	PN 40	-	-	40.0	39.0	38.0	36.0	32.0	-	28.0	-	22.0	18.0
	3/4 - 16		-	-	580	565	551	522	464	-	406	-	319	261
FLANGED TO BS 1560 : 3.1 - 1989 Shell Material: A216 Grade WCB														
M2131	50 - 600	Class 150	19.7	17.9	-	15.8	14.0	12.1	10.2	-	8.4	-	6.5	5.6
	2 - 24		286	260	-	229	203	175	148	-	122	-	94	81
M2134	20 - 400	Class 300	51.0	46.5	-	45.1	43.9	41.8	38.9	37.9	36.9	36.9	34.6	28.7
	3/4 - 16		739	674	-	654	637	606	564	550	535	535	502	416

† Can be supplied with BS10 flanges

For class 600 – 900 – 1500 - 2500 refer VCS for controlled data sheets on specific models.



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Dimensions

FIG. M2131	Nominal Size	50	65	80	100	150	200	250	300	350	400	450	500	600
		2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
	D BS 4504	165	185	200	220	285	340	405	460	520	580	640	715	840
		6 1/2	7 1/4	7 7/8	8 5/8	11 1/4	13 3/8	16	18 1/8	20 1/2	22 7/8	25 1/4	28 1/8	33
	L	178	190	203	229	267	292	330	356	381	406	432	457	508
		7	7 1/2	8	9	10 1/2	11 1/2	13	14	15	16	17	18	20
	H	405	480	510	605	815	1085	1320	1500	1690	1900	2120	2280	2750
		16	19	20	24	32	42 3/4	52	59	66 1/2	74 7/8	83 1/2	89 3/4	108 1/4
	W	205	205	230	280	345	420	510	560	610	610	710	710	710
		8	8	9	11	13 1/2	16 1/2	20	22	24	24	28	28	28

FIG. M2134	Nominal Size	20	25	32	40	50	65	80	100	150	200	250	300	350	400
		3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16
	D BS 4504	105	115	140	150	165	185	200	235	300	375	450	515	580	660
		4 1/8	4 1/2	5 1/2	5 7/8	6 1/2	7 1/4	7 7/8	9 1/4	11 7/8	14 3/4	17 3/4	20 1/4	22 7/8	26
	L	152	165	178	190	216	241	283	305	403	419	457	502	762	838
		6	6 1/2	7	7 1/2	8 1/2	9 1/2	11 1/8	12	15 7/8	16 1/2	18	19 3/4	30	33
	H	292	298	322	330	405	480	524	640	882	1120	1362	1550	1550	1810
		11 1/2	11 3/4	12 5/8	13	16	19	20 3/4	25 1/4	34 3/4	44 1/4	53 3/4	61	61	71 1/4
	W	165	165	165	165	205	230	280	345	420	510	560	610	610	710
		6 1/2	6 1/2	6 1/2	6 1/2	8	9	11	13 1/2	16 1/2	20	22	24	24	28

When ordering, please state working fluid, pressure and temperature.

PN 16 valves are available in Cast iron as an alternative to cast steel. Cast Steel PN 16 PN 40 / BS API class 150 – 300 – 600 – 900 – 1500 sizes 15nb to 900nb are Bolted Bonnet designs. Pressure seal Bonnet design are from 80nb to 600nb in API class 600 - 900 - 1500 - 2500. End connections are flanged or butt weld.

Standard WCB bodies alternatively CF8M and special Alloys are available. Small bore valves can be BRONZE in quick acting or rack and pinion designs PN25 and PN40 rated with options of threaded or flanged.

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VALVE AND FLOW CONTROL SPECIALISTS
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