



VALVE SIZE	VALVE DIMENSIONS IN mm																		APPR WEIGHT Kg	
	PORT DIA		A		C	D	E	G	H	M MAX	N MAX	Q	R	S	T	U	ØX	51	52	
	MM	INS	51	52														51	52	
80	3	63.5	203.0	283.0	98.4	16.7	91.9	144.8	183.7	15.87	23.0	44.5	85.7	350.0	M10	11.1	77.8	18.0	22.7	
100	4	82.6	229.0	305.0	113.9	16.7	101.4	160.5	199.4	15.87	23.0	44.5	85.7	558.0	M10	11.1	102.4	28.2	36.3	
150	6	111.1	267.0	403.0	157.2	26.2	107.8	226.1	283.6	23.8	35.3	76.2	101.6	850.0	M12	14.3	154.0	56.8	68.1	
200	8	144.5	292.0	419.0	184.9	26.2	144.3	253.6	311.1	23.8	35.3	76.2	101.6	850.0	M12	15.9	203.2	83.5	102.1	

ITEM No	DESCRIPTION	MATERIAL	QTY
1	BODY	STAINLESS STEEL ASTM 351 CF8M CARBON STEEL ASTM A216 WCB(0.25% C MAX)	1
2	INSERT	STAINLESS STEEL A182 F316 CARBON STEEL ASTM A352 / BS 970 020M20	1
3	BALL	STAINLESS STEEL 316	1
4	STEM	STAINLESS STEEL 316	1
5	SEAT RING	* T PTFE VIRGIN R PTFE 15% GLASS FILLED H VX1 PTFE REINFORCED P POLYFILL REINFORCED	2
6	BODY SEAL	* PTFE 25% GLASS FILLED	1
7	THRUST SEAL	* PTFE 25% GLASS FILLED	1
8	GLAND PACKING	* FLEXIBLE GRAPHITE	2
9	GLAND	STAINLESS STEEL 316	1
10	STEM LOCATION WASHER	STAINLESS STEEL 316	1
11	STEM NUT	* STAINLESS STEEL 304	1
12	INDICATOR STOP	CARBON STEEL RUSTPROOFED STAINLESS STEEL 316	1
13	WRENCH HEAD	CARBON STEEL RUSTPROOFED	1
14	WRENCH HANDLE	CARBON STEEL RUSTPROOFED	1
15	WRENCH BOLT	CARBON STEEL RUSTPROOFED	1
16	STOP PIN	CARBON STEEL RUSTPROOFED STAINLESS STEEL 316	2
17	ANTI-STATIC PLUNGER	STAINLESS STEEL 316	2
18	ANTI-STATIC SPRING	STAINLESS STEEL 302	2
19	IDENT PLATE	STAINLESS STEEL 304	1
20	BODY PLATE	STAINLESS STEEL 304	1

STANDARDS OF COMPLIANCE	
DESIGNED IN ACCORDANCE WITH BS 5351 NOTE : VALVES COVERED BY THE KITEMARK LICENCE HAVE PREFIX 'K' NOT 'F'	
FACE TO FACE DIMENSIONS 51 SERIES BS 2080 TABLE 19 COLUMN 5 52 SERIES BS 2080 TABLE 15 COLUMN 10	
FLANGE CONNECTIONS 51 SERIES BS 1560 / BS 4504 / BS 10 52 SERIES BS 1560 / BS 4504 / BS 10	
PRESSURE TEST SPECIFICATION TO :	BS 6755 PART 1
FIRE TEST SPECIFICATION :	BS 6755 PART 2

- NOTES
- DRAWING SHOWS A 80mm VALVE WITH BS 1560 CLASS 150 FLANGES.
  - FOR ACTUATED VALVES ITEMS 12,13,14,15 & 16.
  - REPAIR KIT :- ITEMS MARKED THUS \* DENOTE COMPONENTS SUPPLIED IN REPAIR KIT.
  - ADDITIONAL HOLE IN WRENCH ALLOWS WRENCH HANDLE TO BE FITTED IN MID POSITION.

**51/52 80-200mm**



Flow Control Division

Stainless Steel only shown

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