



Valve Assembly

Item	Description	Qty
1	Body	1
2	Connector	2
3	Clack	1
4	Nameplate	1
5	Connector Seal	2
6	Interface Ring	1
7	Washer	1
8	Locating Pin	1
9	Spring	Optional
10	Bolt	4
11	Nut	4
12	Seat Ring	1
13	Identification Plate	1

Service Kit (Insert Assembly)

Item	Description	Qty
3	Clack	1
5	Connector Seal	2
6	Interface Ring	1
7	Washer	1
8	Locating Pin	1
9	Spring	Optional
12	Seat Ring	1

Connector Seal Kit

Item	Description	Qty
5	Connector Seal	2

Size	A		B		C		D		E		F		G		H		J		K		L		Pressure Drop Values
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
8	1/4	66.8	21.1	31.7	45.0	27.0	14.0	12.0	13.7	-	9.15	M6										Cv	
10	3/8	66.8	21.1	31.7	45.0	27.0	17.3	12.0	17.0	-	12.7	M6										US G/Min	
15	1/2	66.8	21.1	31.7	45.0	27.0	22.0	12.0	21.3	-	15.5	M6										10	
20	3/4	72.8	24.1	38.1	52.1	35.0	27.4	15.0	27.0	-	21.1	M6										14	
25	1	95.3	31.8	44.5	62.0	45.0	34.3	15.0	33.5	29.7	26.4	M8										38	
32	1 1/4	108.0	41.4	50.8	68.1	49.0	42.7	15.0	42.2	38.1	35.1	M8										50	
40	1 1/2	115.8	47.8	57.2	80.0	55.1	50.3	15.0	48.3	44.2	40.1	M10										80	
50	2	128.5	57.2	66.8	89.9	68.1	61.2	18.0	60.5	55.6	52.6	M10										104	

Minimum Pressure required for bubble tight shut off
 PTFE seat - 6.9 Bar.g
 Viton[®] seat - 0.7 Bar.g

2	2352	12.08.11	BEP
Rev	C/N No.	Date	Appr

K Controls Ltd
 Stone Close, Horton Road
 West Drayton Middlesex
 UB7 8JU

TITLE General Arrangement
 K44 'Checktite' non-return valve

Tolerance: 0.X +/-0.4
 0.XX +/-0.1

Material: 316L Stainless steel
 or carbon steel

Finish:

DIMENSIONS IN mm		SCALE: DO NOT SCALE	DRAWING NO: C09524	REVISION 2
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