

D102F/D103F DN65/DN200

2 & 3 port flanged valves

PN16

D102F

Features & Benefits

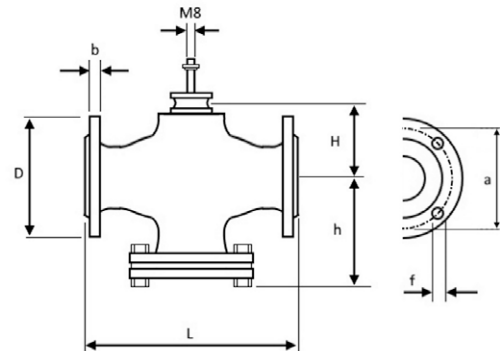
- Crane 2 & 3 port flanged valves are ideally suited for fluid control of hydronic systems, including civil and industrial applications
- Low seat leakage rate (0.03%) to EN 1349
- Equal percentage control characteristics to give linear control when used with typical heat exchangers (direct way on 3-port valves only)
- High close off pressures (dependent on actuator selection)
- Rated to 110°C max temperature suitable for overheated water or steam applications

Materials

PART	MATERIAL
Body	Grey cast iron (EN-GJS-250 EN 1561)
Seat	Grey cast iron (EN-GJS-250 EN 1561)
Stem	Stainless Steel
Balancing gasket	Viton O-ring + Teflon O-ring
Stem Packing	EPDM



Dimensional Drawing



D102 Flanged Dimensions & Weights

PART NO	DN	KVS (m³/h)	L (mm)	h (mm)	H (mm)	D (mm)	b (mm)	a (mm)	HOLES	WEIGHT (Kg)	STROKE (mm)
0JG93612L	65	63	290	84	175	185	20	145	4	18	25
0JG93613M	80	100	310	94	186	200	22	160	8	28	45
0JG93614N	100	130	350	105	206	220	24	180	8	32	45
0JG93615P	125	200	400	128	255	250	26	210	8	45	45
0JG93616Q	150	300	480	146	275	285	26	240	8	60	45
0JG93617R	200	500	600	275	334	340	30	295	12	160	45

D103 Flanged Dimensions & Weights

PART NO	DN	KVS (m³/h)	L (mm)	h (mm)	H (mm)	D (mm)	b (mm)	a (mm)	HOLES	WEIGHT (Kg)	STROKE (mm)
0JG93625R	65	63	290	84	145	185	20	145	4	18.8	25
0JG93626S	80	100	310	94	155	200	22	160	8	23.8	45
0JG93627T	100	130	350	105	175	220	22	180	8	32	45
0JG93628U	125	200	400	128	200	250	24	210	8	45.6	45
0JG93629V	150	300	480	146	240	285	24	240	8	61.2	45

PRESSURE RATING: PN16

MEDIUM: Group 2 Liquids

END CONNECTIONS: PN16 flanges

When installing this product, it is vital that environmental conditions are considered. It is recommended that the product is installed inside or, if outside installation cannot be avoided, that the product is fully lagged, to ensure that it is fully protected from the external environmental conditions. This is particularly important where the outdoor installation is in, for example, urban and industrial atmospheres, where moderate sulphur dioxide pollution is present or in coastal or semi-coastal regions with low salinity. Where internal installation is carried out, this is likely to be in an environment such as a plant room with high humidity and some air pollution and, in such instances, the product should also be fully lagged. If the product is installed inside but not lagged, this should be limited to, for example, unheated buildings where condensation is likely to occur, or heated buildings. Where there is doubt, please refer your question(s) to the Crane Technical Support Team.

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