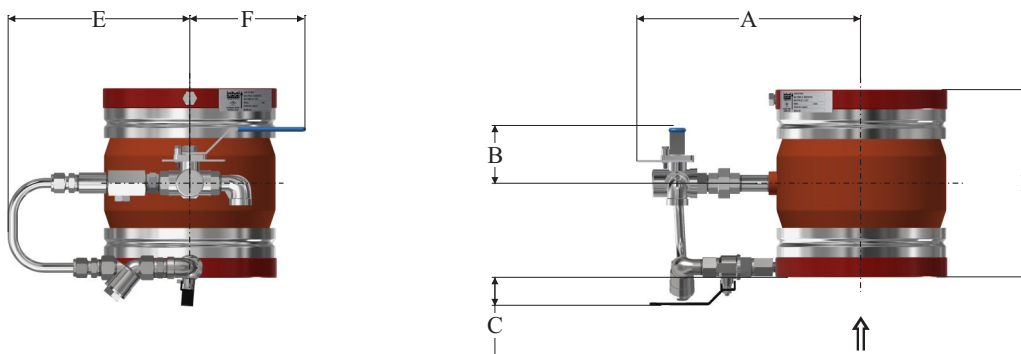


Model 799D-02M01

Overall Dimensions & Weights - Vertical Installation



Inbal Control Valve, Manual Actuation, Standard Material Control Trim



SIZE inches / mm	A	B	C	E	F	L	Weight* lbs / kg
3	9 ⅞	2 ¾	1 ½	9	6	6 ¼	22.0 lbs
80	250	70	40	230	150	157	10.0 kg
4	10 ½	2 ¾	1 ½	9	6	7 ⅞	33.0 lbs
100	265	70	40	230	150	186	15.0 kg
6	11 ½	2 ¾	1 ½	9	6	9 ⅞	64.0 lbs
150	290	70	40	230	150	238	29.0 kg
8	12 ½	2 ¾	1 ½	9	6	11 ⅞	99.0 lbs
200	320	70	40	230	150	302	45.0 kg
10	13 ¾	2 ¾	1 ½	9	6	13 ¾	161.0 lbs
250	350	70	40	230	150	350	73.0 kg
12	14 ⅞	2 ¾	1 ½	9	6	17 ½	231.0 lbs
300	360	70	40	230	150	443	105.0 kg

* Refer to Standard Material Valve.

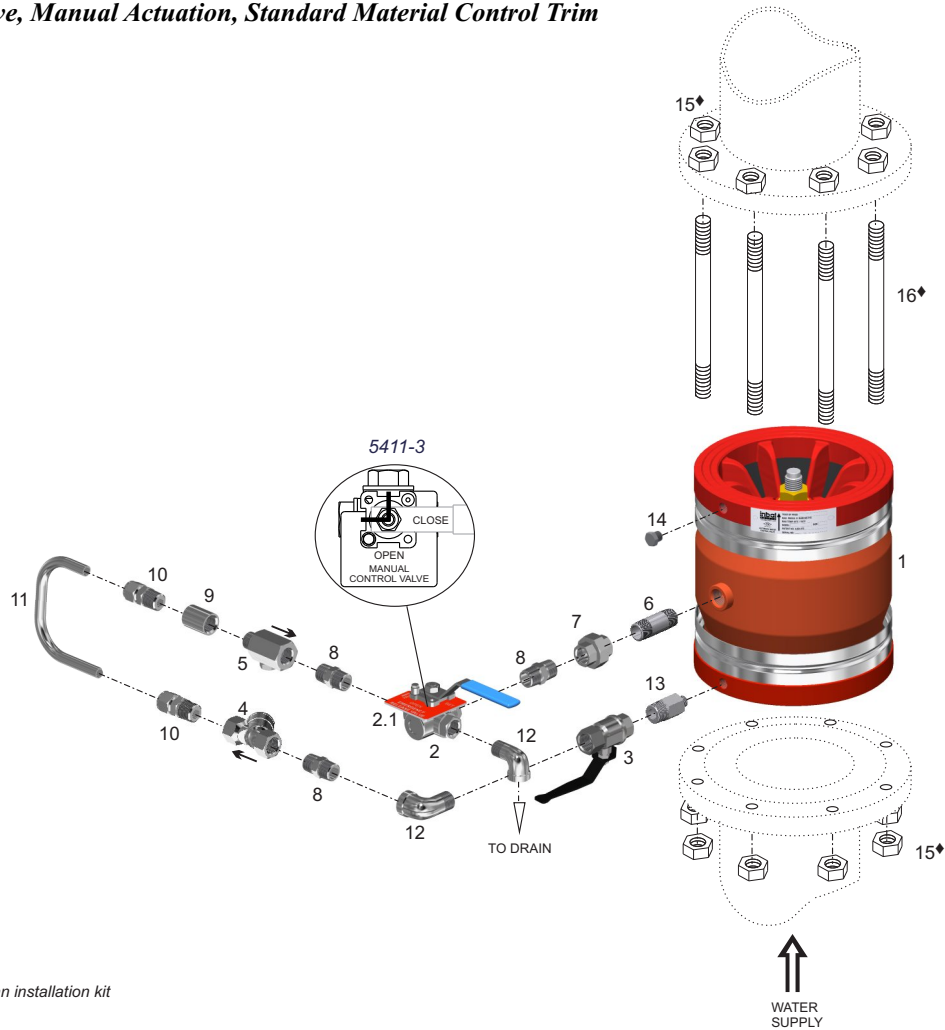
- The bill of materials is available in the next page.
- The control trim is supplied fully preassembled.
- When the control trim is ordered in loose components form, the **Inbal** Remote Control Valve must be trimmed as shown. Any deviation may affect proper operation.

Model 799D-02M01

Trim Chart - Vertical Installation



Inbal Control Valve, Manual Actuation, Standard Material Control Trim



♦ Supplied when ordering an installation kit

Item	Description	Qty	Material	Cat. No.
1	Inbal Automatic Water Control Valve model 799D	1	See bulletin F02-01	1799D01DDSSSS
2	Emergency Release Valve model 347-08-02	1	See bulletin F40-06	234706008000
2.1	Label	1	P.V.C.	
3	2-Way Ball Valve 1/2", series 351	1	See bulletin F40-08	235102008000
4	Y-Pattern Strainer 1/2", series 31	1	See bulletin F40-03	231006008001
5	Check Valve 1/2", series 371, MxF	1	See bulletin F40-12	137102008000
6	Nipple 1/2", L=2 1/2" (63 mm)	1	St.St.304	212206016001
7	Union 1/2" F x F	1	St.St.304	210406008000
8	Hex. Nipple 1/2"	3	St.St.304	212206008001
9	Coupling 1/2"	1	St.St.304	210306008001
10 (b)	Twin Ferrules Fitting 1/2" NPT x 3/8" OD	2	Brass, Ni-Cr plated	318902008000
(c)	Twin Ferrules Fitting 1/2" NPT x 1/2" OD	2	Brass, Ni-Cr plated	318902007000
11 (b)	Water Supply Tube 3/8" OD	1	St.St.316	
(c)	Water Supply Tube 1/2" OD	1	St.St.316	994006008000
12	Street Elbow 1/2"	2	St.St.304	211606008001
13 (d)	Red. Nipple 1/2" x 1/4", L=2" (51 mm)	1	St.St.304	212306012001
(e)	Red. Nipple 1/2" x 1/4", L=2.75" (70 mm)	1	St.St.304	212306012005
14	Plug 1/4"	1	St.St.304	212106004000
15	Nut	(a)	Galvanized Steel	22420101DDDD
16	Stud Bolt	(a)	Galvanized Steel	226001RRRRRR

Notes: (a) Supplied when ordering an installation kit. Quantity and thread standard for Stud Bolts and Nuts may vary, depending on Inbal Valve size and flange standard.
(b) For 3" & 4" (80 & 100 mm) Inbal Valves.

(c) For 6"; 8"; 10" & 12" (150; 200; 250 & 300 mm) Inbal Valves.
(d) For 3"; 4" & 6" (80 ;100 & 150 mm) Inbal Valves.
(e) For 8"; 10" & 12" (200; 250 & 300 mm) Inbal Valves.