

IBR 2-Way Pneumatic on-off & Control Valves with Multispring Diaphragm Actuator.

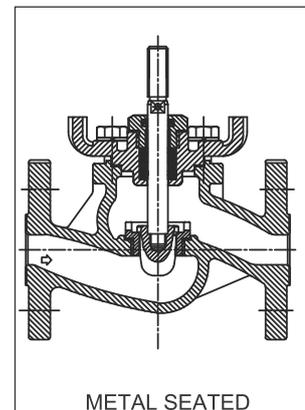
All Flanges are as per CI 300 Rating

MOUNTING HOLES AS PER ASME-B-16.5

Bill of Material			
S.N.	DESCRIPTION	MATERIAL	QTY
41	EYE BOLT	HT 8.8 CLASS	2
40	BELLOW	NEOPRENE	1
39	BREATHER	STD	1
38	HEX BOLT	HT 8.8 CLASS	4
37	PLAIN WASHER	MS PLATED	10
36	SPRING WASHER	IS - 3036	12
35	HEX NUT	EN8 HT	12
34	HEX BOLT	HT 8.8 CLASS	6
33	TOP COVER	IS-513 CRCD, POWDER COATED	1
32	WORKING DIAPHRAGM	NEOPRENE	1
31	MAIN SPRING	EN47-Cr-V STEEL	6
30	HEX NUT DIAPH. HOLDER	M.S. HEX. BAR(1-1/4" A/F)	1
29	DIPHRAGM HOLDER	M.S. PLATED	1
28	BALANCING PLATE	IS-513 CRCD PLATED	1
27	BOTTOM COVER	IS-513 CRCD, POWDER COATED	1
26	YOKE NUT	WCB	1
25	GUIDE BUSH	NITRILE	1
24	V' SEAL	NITRILE	2
23	BUSH BOTTOM COVER	M.S. PLATED	1
22	SPINDLE	S.S. AISI 410	1
21	STROKE PLATE	S.S. AISI 304	1
20	CHEESE HEAD SCREW	M3 X6Lg.	2
19	PLAIN WASHER	S.S. AISI 304	2
18	INDICATOR	PAINTED	1
17	HEX. LOCK NUT (L.H.)	S.S. AISI 304	1
16	ANTIROTATION ROD	S.S. AISI 304	1
15	COUPLER	M.S. PLATED	1
14	HEX. LOCK NUT	M10X1.5P	1
13	V' SEAL (GLAND NUT)	EPDM	1
12	GASKET (GLAND MUT)	PERMANITE-AF-159	1
11	GLAND	S.S. AISI 304	2
10	GLAND PACKING	GRAPHOILE	2
09	DURO BUSH	TEFLON COATED (MS)	1
08	SPRING WASHER	EN45	4
07	HEX BOLT	EN8	4
06	BONNET	WCB	1
05	GASKET (BODY)	AF-159	1
04	PLUG ASSEMBLY	S.S. AISI.420	1
03	SEAT RING	S.S. AISI.420	1
02	FLAT RING (SEAT RING)	AF-159	1
01	BODY	WCB	1
S.N.	DESCRIPTION	MATERIAL	QTY

TECHNICAL DATA

Valve Size MM	15	20	25	40	50	65	80	100
Port Sizes 2-way	18	22	25	40	50	65	75	100
Kv. M/hr.	4.0	6.3	10	25	40	63	100	160
Travel	20	20	20	20	20	30	30	30
Actuator MSD	200	200	200	250	250	400	600	600



DIMENSIONS (in mm)

Model Number	Size Inch	Pneumatic Actuator	A	B	C	ØD	Wt. Kg. (Approx.)	Envelope Size LxHxW (Approx.)	Box Wt. Kg. (Approx.)
7941/42-A 205X200	3/4	200	178	49	265	200	8.0	470 x 275 x 275	10.0*
7941/42-A 255X200	1	200	203	54	285	200	11.0	505 x 275 x 275	13.5*
7941/42-A 405X250	1 1/2	250	229	63.5	327	250	16.5	528 x 275 x 275	20.5*
7941/42-A 505X250	2	250	267	76	385	250	20.5	591 x 275 x 275	30.0**
7941/42-A 655X400	2 1/2	400	292	89	436	300	25.5	450 x 330 x 325	32.0**
7941/42-A 805X600	3	600	318	95.5	442	366	30.5	500 x 350 x 400	37.5**
7941/42-A 1005X600	4	600	356	114.5	460	366	35.5	525 x 400 x 400	44.5**

NOTE:

Technical specification, details & dimensions are approximate & subject to change without prior notice .

*Weight of cardboard + PUF Box Packing, Which may change for Export when packed in wooden box. **Weight of Wooden Box packing.

Ed. 7941/42A-01-2016