

2-Way Direct Mount, Metal Ball Valve with Pneumatic Actuator

(2-Piece Screwed End Design)

Model 2361F Direct Mount / 2360F Bracket Mount.

DATA SHEET

2360 F /2361 F

SPECIFICATION

Size	: 15 mm (½") to 50 mm (2").
Body and End Piece	: Investment Casted Cast Steel ASTM A216 WCB or Stainless Steel ASTM A351 CF8 (SS304) or CF8M (SS 316).
Ball	: Stainless Steel AISI 316.
Design	: As per API 607 Std. (Design not available).
Stem and Stem nut	: Stainless Steel AISI 316 bar stock.
Ball seat	: Reinforced PTFE.
Stem seals	: Reinforced PTFE.
Body gasket	: PTFE.
Antistatic device	: Stainless Steel SS 316.
Pressure-temperature	: As per BS 5351 Class 150 rating
Body pressure rating	: As per ANSI 16.5 Class 150.
End connection	: Screwed R Threads (BSP), B Threads (NPT).
Leakage Class	: As per ANSI-FCI-70-2. Teflon seating Class VI.
Characteristics	: On-Off.
Temperature (max)	: Continuous 100°C. Intermittent 155°C.

ACTUATOR

	: Double Acting ACTXXXD Spring Return Single Acting ACTXXXS.
Air supply	: Minimum pressure 4 bar Maximum pressure 8.5 bar
Manual Operation	: Hand lever type upto ACT50D/S ACT90D /S for use MOR Actuator , Side Hand wheel from ACT100D/S Onwards (ALR).
Accessories	: Air lock relay (ALR)., Valve Positioner, (P to P),VPR, EPR, Position Indicator, Rotary Limit Switches, SB-200 or SB-300L2 Proximity Switches SB-200 or SB-300P2, Solenoid Valves etc.



Sales Point	: Highly reliable, long life, simple in construction and maintenance free ball valve.
Application	: For air, water, oil, gas, Corrosive chemicals, Combustion equipment, Power stations, Hydro Electric Power Generation, Chemical and Petrochemical Industries.
Note	: For Double Acting Actuator.

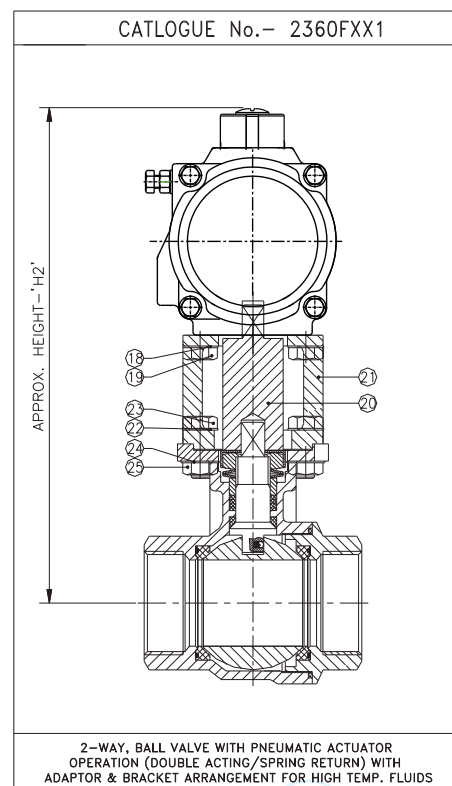
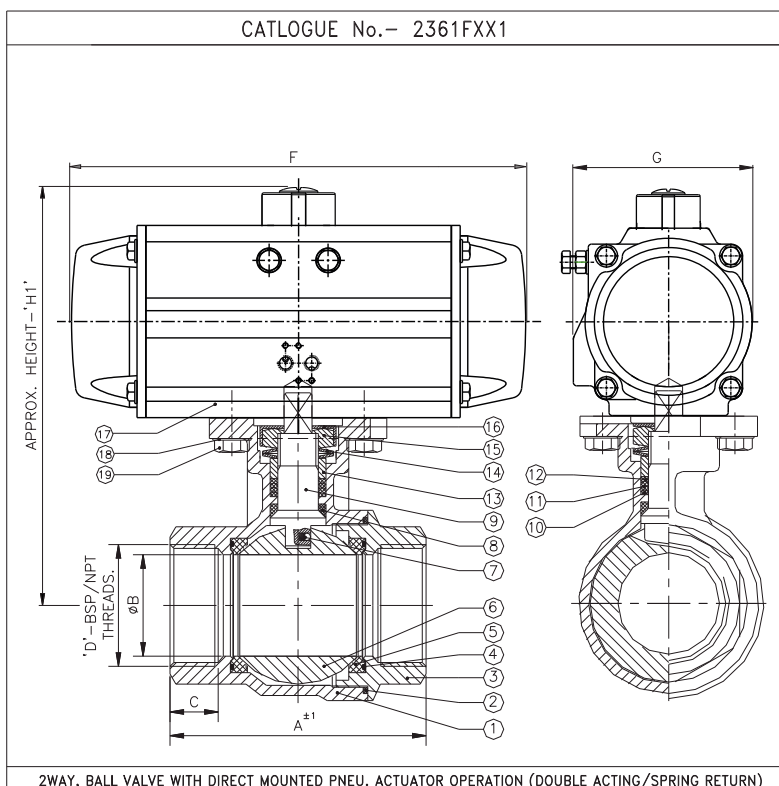
Model 2331F is closed coupled Valve & Actuator for Air, Water, Oil & Gas (Temp 80°)

Model 2330F is remote mounted -Actuator for Water, Oil, & Steam (Temp.155°).

SPECIFICATION TABLE FOR FULL PORT BALL VALVE

Catalogue Number	Size		Orifice Size	Flow Factor Kv	Hydrostatic Test Pressure	Working Pressure	Actuator Type		Open time (Approx).		Air Consumption Lts.			
							S	D	Secs		S		D	
	Inch	mm					mm	M³/hr	bar	bar	Sp. Rt.	Double	S	D
*236XF06	1/4	6.5	6.5	4.5	16	10	ACT-50	ACT-50	0.2	0.3	0.2	0.3	0.3	0.3
*236XF10	3/8	10	10	7.0	16	10	ACT-50	ACT-50	0.2	0.3	0.2	0.3	0.3	0.3
236XF15	½	15	15	10.40	16	10	ACT-50	ACT-50	0.2	0.3	0.2	0.3	0.3	0.3
236XF20	3/4	20	20	27.52	16	10	ACT-50	ACT-50	0.2	0.3	0.2	0.3	0.3	0.3
236XF25	1	25	25	48.00	16	10	ACT-63	ACT-63	0.3	0.4	0.3	0.3	0.3	0.4
236XF40	1½	40	40	103.00	16	10	ACT-63	ACT-63	0.3	0.4	0.3	0.3	0.3	0.4
236XF50	2	50	50	206.00	16	10	ACT-90	ACT-90	0.5	0.6	0.4	0.5	0.5	0.6

*Under Development



BILL OF MATERIAL

Sr.No	Description	Material	Sr.No	Description	Material	Sr.No	Description	Material
1	Body	CF8M/CF8/WCB	10	Gland packing - bottom	PTFE	19	Hexagonal bolt	SS-304/M.S.plated
2	Flat ring	PTFE	11	Gland packing	PTFE	20	Adaptor	EN-8
3	End piece	CF8M/CF8/WCB	12	Gland packing- top	PTFE	21	Bracket	EN-8
4	Seat O- ring	Nitrile/EPDM	13	Gland bush	AISI-316	22	Spring washer	SS-304/M.S.plated
5	Seat	PTFE	14	Belleville washer	AISI-304	23	Hexagonal bolt	SS-304/M.S.plated
6	Ball	AISI-316	15	Lock nut	AISI-304	24	Spring washer	SS-304/M.S.plated
7	Antistatic device	SS-304	16	Lock washer	AISI-304	25	Hexagonal nut	SS-304/M.S.plated
8	Stem seal	RPTFE(25%CFT)	17	Pneumatic Actuator	STD-ACT-XXXD/S			
9	Stem	AISI-316	18	Spring washer	SS-304/M.S.plated			

DIMENSIONS IN (MM)

Catalogue Number	Valve Size (ØB)		A	C	D	F1	G	Approx Height		Pneumatic Actuator		Approx. Weight In Kgs*	
	Inch	mm						H1	H2	Double Acting	Spring Acting	Cat. No. 2361FXX1	Cat. No. 2360FXX1
236XF61	1/4	6.5	50	10	1/4"	157	70	125	160	ACT-50	ACT-50	1.1 (1.3)	1.5 (1.7)
236XF101	3/8	10	50	10	3/8"	157	70	125	160	ACT-50	ACT-50	1.1 (1.3)	1.5 (1.7)
236XF151	1/2	15	56	11	1/2"	157	70	130	165	ACT-50	ACT-50	1.1 (1.3)	1.5 (1.7)
236XF201	3/4	20	75	16	3/4"	157	70	140	175	ACT-50	ACT-50	1.4 (1.6)	1.8 (2.0)
236XF251	1	25	81	17	1"	173	82	165	200	ACT-63	ACT-63	2.0 (2.8)	2.4 (3.2)
236XF351	1 1/2	38	101	18	1 1/2"	173	82	190	235	ACT-63	ACT-63	3.2 (4.0)	3.7 (4.5)
236XF501	2	50	121	20	2	260	104	235	285	ACT-90	ACT-90	6.2 (6.6)	6.7 (1.7)

Note:

Technical specifications, details & dimensions are subject to change without prior notice. Dimensions in the table are approximate subject to final confirmation by AVCON.

WESTERN		
Mumbai Plot No. 65, Road No. 13, MIDC Marol, Andheri (East), Mumbai - 400 093 Tel.No.: 022-6915 6100 / 83909 17431 E-mail : acplmumbai.sales@avconcontrols.com	Pune SSR ENCLAVE, Plot No. 81, Road No.4, Vasanth Nagar, Nizampet X Roads (Near JNTU College Metro Station), Hyderabad - 500085. Tel.No.: 020-2712 0776 / 2712 0540 E-mail : acplmumbai.sales@avconcontrols.com	Baroda 307, Mangaldeep Complex, Sampat Rao Colony, Productivity Road, Baroda - 390 005. Tel.No.: 022-6915 6100 / 83909 17431 E-mail : acplmumbai.sales@avconcontrols.com
SOUTHERN		
Chennai 249, First Floor, Tiny Sector Ambattur Industrial Estate, Chennai - 600 058 Tel.No.: 044-4807 4107 / 089393 12809 E-mail : acplmumbai.sales@avconcontrols.com	Hyderabad SSR ENCLAVE, Plot No. 81, Road No.4, Vasanth Nagar, Nizampet X Roads (Near JNTU College Metro Station), Hyderabad - 500085. Tel.No.: 020-2712 0776 / 2712 0540 E-mail : acplmumbai.sales@avconcontrols.com	Bangalore 307, Mangaldeep Complex, Sampat Rao Colony, Productivity Road, Baroda - 390 005. Tel.No.: 022-6915 6100 / 83909 17431 E-mail : acplmumbai.sales@avconcontrols.com

EASTERN	
Kolkata 720, 7th Floor, 33/1, N.S. Road, Marshal House, Kolkata- 700 001. Tel.No.: 033-4068 1180 / 77109 00889 E-mail : acplmumbai.sales@avconcontrols.com	
NORTHERN	
New Delhi Unit No. 708, 7th Floor, 94 Meghdoot, Nehru Place, New Delhi - 110019 Tel.No.: 011-42639736 / 88282 69844 E-mail : acplmumbai.sales@avconcontrols.com	

avcon®
Manufactured by:

AVCON CONTROLS PVT. LTD.

Plot No. 65, Road No.13, MIDC Marol, Andheri (East), Mumbai - 400 093 (INDIA).
Phone : +91-22-6915 6100.

E-mail : avcon@avconcontrols.com
acplmumbai.sales@avconcontrols.com
Website : www.avconcontrols.com