

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

(2-Piece Screwed End Design)

Model 2561F Direct Mount / 2560F Bracket Mount.

DATA SHEET
2560 F /2561 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 (SS 304) or CF8M (SS 316).
Ball	: Stainless Steel AISI 316 Bar Stock.
Design	: As per API 607 Std.(Design not available).
Stem and Stem nut	: Stainless Steel AISI 316.
Ball seat	: Reinforced PTFE.
Stem seals	: Reinforced PTFE.
Body gasket	: PTFE.
Antistatic device	: Stainless Steel SS 316.
Pressure-temperature	: As per ASME 16.34. Class 150 rating
Body pressure rating	: As per ASME 16.34.
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.



Application	: For air, water, oil, gas, Corrosive chemicals, Combustion equipment, Power stations, Hydro Electric Power Generation, Chemical and Petrochemical Industries.
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ACTUATOR

For valve size and actuator refer table below:

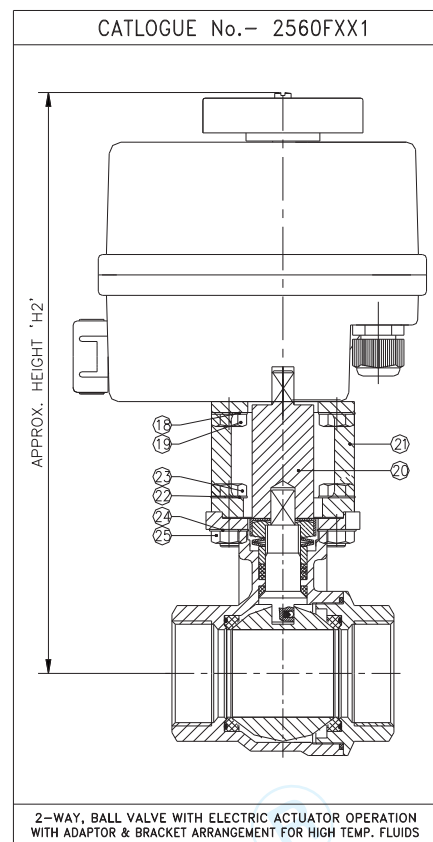
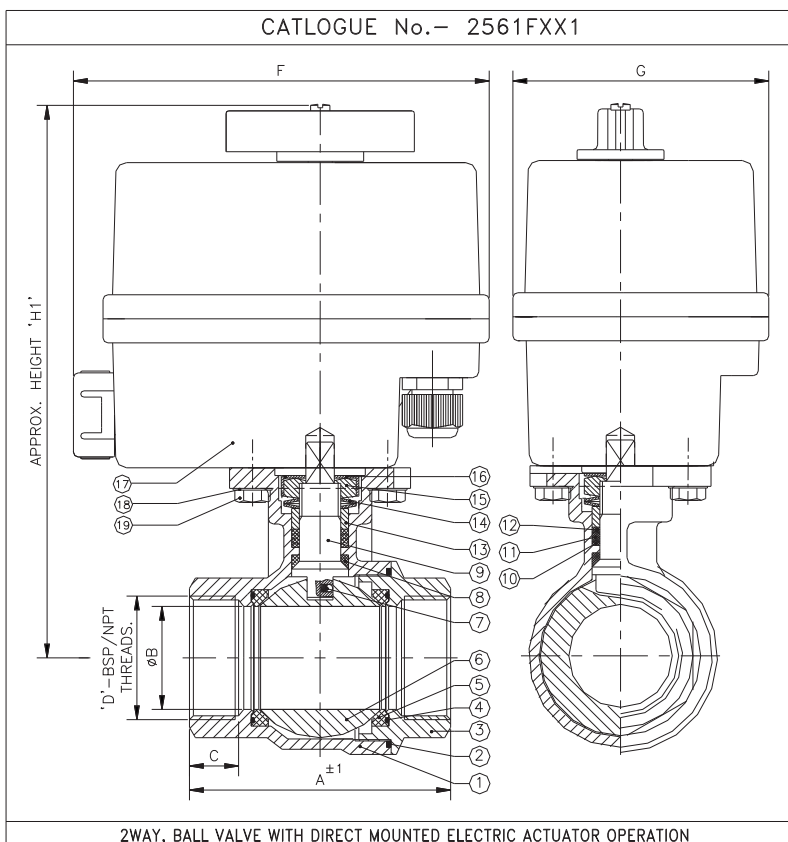
Electric supply	: Standard - 230V 50 Hz AC, Optional -110 V 50 Hz 24 V DC.
Manual Operation	: All Electric actuators are fitted with manual override as a standard.
Accessories	: All Motorised Ball Valves can be provided with accessories for automation: Extra Limit switches, Potentiometer, Remote Position Indicator, 4 to 20 mA interface unit, IP-67 Protection etc.
Sales Point	: Highly reliable, long life, Simple in construction and maintenance free ball valve with Electric Actuator.

Model 2561 F is closed coupled Valve & Actuator for Air, Water, Oil & Gas (Temp 80°)

Model 2560F is remote mounted -Actuator for Air, Water, Oil, Gas & Steam (155°).

SPECIFICATION TABLE FOR FULL PORT BALL VALVE

Catalogue Number	Size		Orifice Size	Flow Factor Kv	Hydrostatic Test Pressure	Working Pressure	Actuator Model	Opening/ Closing Time Approx.	Power Consumption
	Inch	mm	mm	M/hr	bar	bar	EA	Secs.	Watts
256XF10	3/8	10	10	7.0	16	10	EA-21	20	10
256XF15	1/2	15	15	10.40	16	10	EA-21	20	10
256XF20	3/4	20	20	27.52	16	10	EA-21	20	10
256XF25	1	25	25	48.00	16	10	EA-21	20	10
256XF40	1 1/2	40	40	103.00	16	10	EA-50	30	20
256XF50	2	50	50	206.00	16	10	EA-50	30	20



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	Electric Actuator	STD-EA21/EA50			
9	Stem	AISI-316	18	Spring washer	SS-304/M.S.plated			

DIMENSIONS (IN MM)

Catalogue Number	Valve Size (ØB)		A	C	D	F	G	Approx Height		Electric Actuator	Approx. Weight In Kgs*	
	Inch	mm						H1	H2		2561F	2560F
256XF061	1/4	6.5	50	10	1/4"	175	108	180	215	EA21	2.2	2.6
256XF101	3/8	10	50	10	3/8"	175	108	180	215	EA21	2.2	2.6
256XF151	1/2	15	56	11	1/2"	175	108	185	220	EA21	2.3	2.7
256XF201	3/4	20	75	16	3/4"	175	108	200	235	EA21	2.5	2.9
256XF251	1	25	81	17	1"	175	108	205	240	EA21	2.6	3.0
256XF351	1 1/2	38	101	18	1 1/2"	175	108	225	235	EA21	3.7	4.2
256XF501	2	50	121	20	2	200	130	265	285	EA50	6.2	7.7

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 Plot No. T - 108, MIDC Bhosari, Pune - 411 026. Maharashtra (INDIA). Tel.No.: 020-2712 0776 / 2712 0540 E-mail : acplmumbai.sales@avconcontrols.com	Baroda 307, Mangaldeep Complex, Sampatralo 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 - 600 059 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.: 7995086416 E-mail : acplmumbai.sales@avconcontrols.com	Bangalore Tel.No.: 084312 56574 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	