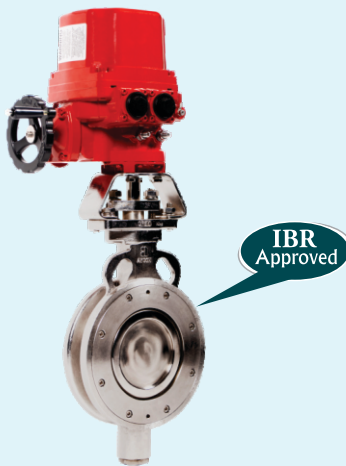


‘AVCON’ 2-Way Eccentric
Wafer / Lug Type Butterfly Valve.
Wafer / Lug Type, Eccentric Design.

DATA SHEET
BFV - 4526B

SPECIFICATIONS Design as per API 609.

Valve Sizes	: 50mm (2") to 600mm(24")
Face to Face	: As per API 609, Cat - B.
Testing & Inspection	: In accordance to ISO 5208 /API 598 /EN 12266-1
Pressure Temp. Rating.	: As per ASME B 16.34,
Pressure Rating	: Body ASME class 150 holding between flanges.
Bodies	: CS-ASTM A216 Gr. WCB (DIN 1.0619) (GS-C-25) SS-ASTM A351 Gr. CF8M (DIN 1.4408) (GX6 Cr. Ni. Mo1810) ASTM A351 Gr.CF8 (DIN 1.4301)
Shaft	: SS 304/316/410/17- 4PH
Disc	: SS-ASTM A351 Gr. CF8 or CF8M
Seat	: PTFE / RPTFE
Stem Packing	: PTFE / RPTFE
End Connection	: Suitable for holding between the flanges of ASME B16.5 #150.
Leakage	: Tight shut-off.
Motor Voltage	: 230V AC, 50/60 Hz. some models are also available for 440V 3 phase supply.
Running Time	: Refer Table.
Travel Angle	: 90° +-5°
Input Optional (R-model)	: 4-20mA, or 0 (2) ~10V select by DIP switch.
Enclosure	: Enclosure Weather Proof IP 67.
Ambient Temperature	: -5°C to +60°C.
Indicator	: Continuous Mechanical Position Indicator.
Manual Override	: Non-clutch design with hand wheel.
Lubrication	: Permanently lubricated and self locking
Mechanical Stops	: External adjustable over travel limit stops (Except EA model).
Space Heater (Optional)	: 15W Anti-condensation.
Gear Material	: Steel.
Body Material	: Aluminium Alloy.
External Coating	: Dry Powder Epoxy.
Stall Protection	: Built in Thermal protection cut off (Motors) at 125 +-5°C. Reset at 95° +-5°.



The EA/EA-R, QM/QM-R, QR/QR-R series is equipped with standard On/Off of modulating _4-20mA, or 0(2)~10V select by \DIP switch) control quarter turn electric actuator.

Sales Point :Centric butterfly valve with elastomer liner. For On/Off or Modulating Control. Robust actuators in epoxy coated aluminium body Manual override non- clutch design. Manual operation can be operated without clutch or lever. Irreversible gear train design, due to it's epicyclic nature. Visual mechanical position indicator for accurate visual reference of valve position. Anti condensation heater and 2 aux. limit switches as an optional feature Enclosure IP-67.

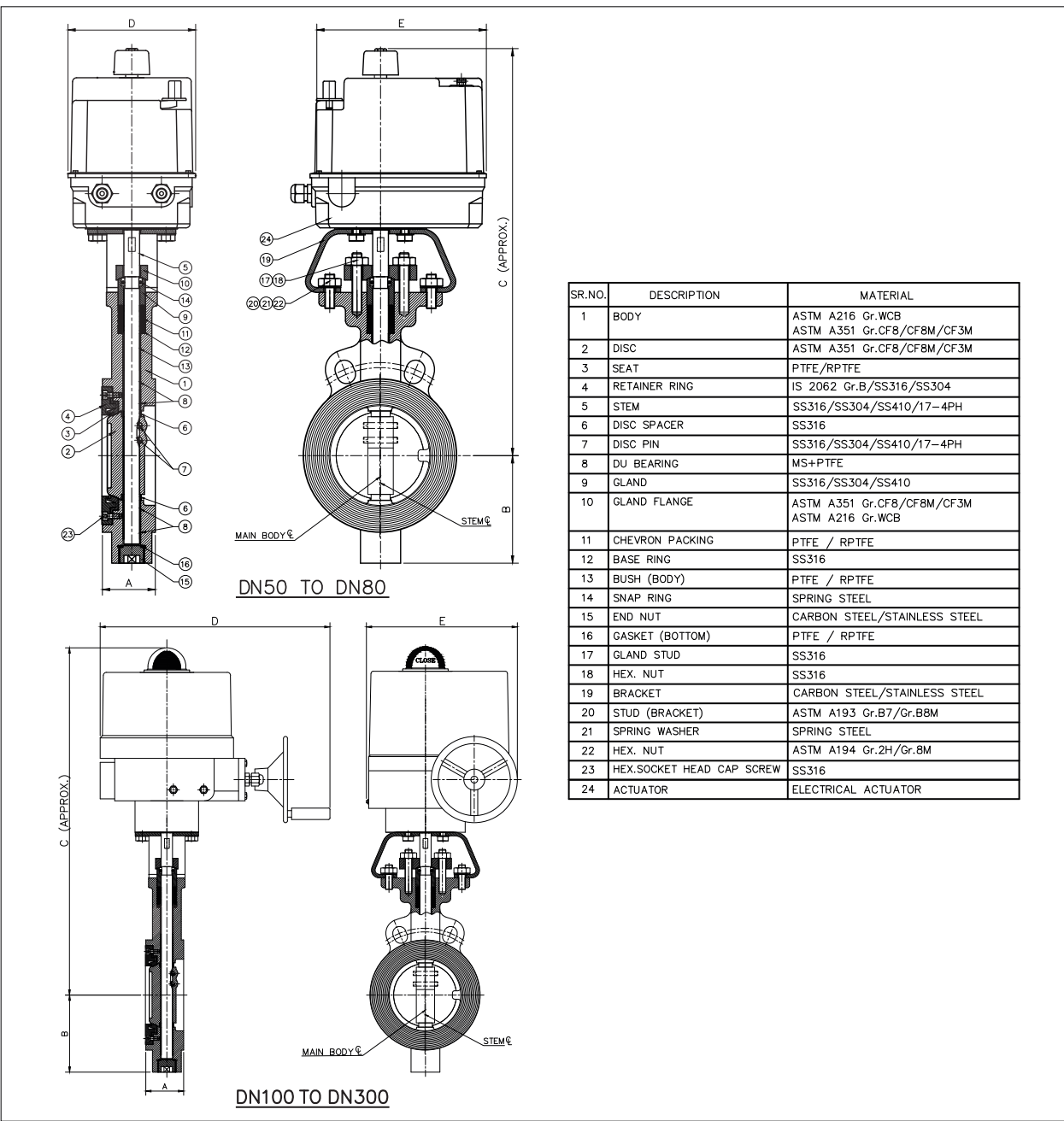
Application : Wafer Type Butterfly Valves with EA, QM/QR actuators are suitable for heating and cooling applications. They can be also used for industrial applications, general services & water treatment.

SPECIFICATION TABLE

Catalogue Number	Valve Size		Orifice Size	Flow Factor Kv	Working Pressure	BFV Torque	Opening Time at 50Hz	Power	Manual Override	Weight (Approx.)
	Inch	mm	mm	M³/hr.	Nm	Nm	Seconds	Watts.		Kgs.
4526B050xEA-21	2	50	35	91	20	15.6	30	11	Lever	4.9
4526B065xEA-50	2.5	65	50	138	20	24.7	30	11	Lever	7.7
4526B080xEA-50	3	80	58	186	20	34.3	30	11	Lever	9.4
4526B100xQM/QR-100	4	100	82	368	20	78	30	40	Hand wheel	29.6
4526B125xQM/QR-150	5	125	110	658	20	101.4	15	40	Hand wheel	30.5
4526B150xQM/QR-150	6	150	132	1068	20	140.5	15	40	Hand wheel	35.5
4526B200xQM/QR-400	8	200	185	2137	20	257.4	22	60	Hand wheel	46.5
4526B250xQM/QR-500	10	250	232	3417	20	415	22	60	Hand wheel	56.5
4526B300xQM/QR-650	12	300	278	5000	20	608.4	31	90	Hand wheel	72.5
4526B350xQM-3001-08+WG40	14	350	299	6323	20	856.7	30	750	Hand wheel	94
4526B400xQM-3000-10+WG40	16	400	353	8270	20	1105	27	750	Hand wheel	128
4526B500xQM-3000-20+WG60	20	500	447	12132	20	2405	45	750	Hand wheel	222
4526B600xQM-3000-20+WG72	24	600	542	14047	20	3705	70	750	Hand wheel	397

The above table is based on differential pressure of 10 bar. BFV above size 40mm -300mm are available with s=the single phase / 3 phase actuators. EA-50-R&EA-70-R Actuators are supplied with MA512AN interphase mounted out side the actuators. 'R' for control duty.

DIMENSIONS IN mm.

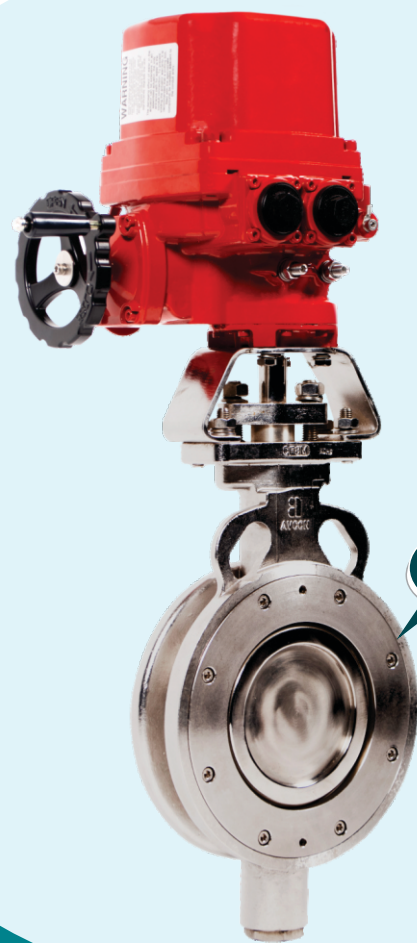


DIMENSIONS IN (mm)

Catalogue Number	Size		A	B	C	D	E	Weight (Approx)
	inch	mm	mm	mm	mm	mm	mm	Kgs.
4526B50 x EA-21	2	50	43	69.5	337	106	172	4.9
4526B65 x EA-50	2.5	65	46	76	379	200	128	7.7
4526B80 x EA-50	3	80	48	80	390	200	128	9.4
4526B100 x QM/QR-100	4	100	54	110	487	326	208	29.6
4526B125 x QM/QR-150	5	125	57	130.5	503.5	326	208	30.5
4526B150 x QM/QR-150	6	150	57	152	515	326	208	35.5
4526B200 x QM/QR-400	8	200	64	174	606	394	294	46.5
4526B250 x QM/QR-500	10	250	71	210	636	394	294	56.5
4526B300 x QM-650	12	300	81	242.5	694	394	294	72.5
4526B350 x QM-3001-08+WG40	14	350	92	263	779	781	470	94
4526B400 x QM-3000-10+WG40	16	400	102	300.5	824	628	510	128
4526B500 x QM-3000-20+WG60	20	500	127	381	904	683	378	222
4526B600 x QM-3000-20+WG72	24	600	154	421	1090	792	525	397

● OPEN TOLERANCE ± 3 ALL OVER

4526 / 4528 SERIES BUTTERFLY VALVES WITH ELECTRIC ACTUATORS.



IBR
Approved

Our Other Product Range



4524A

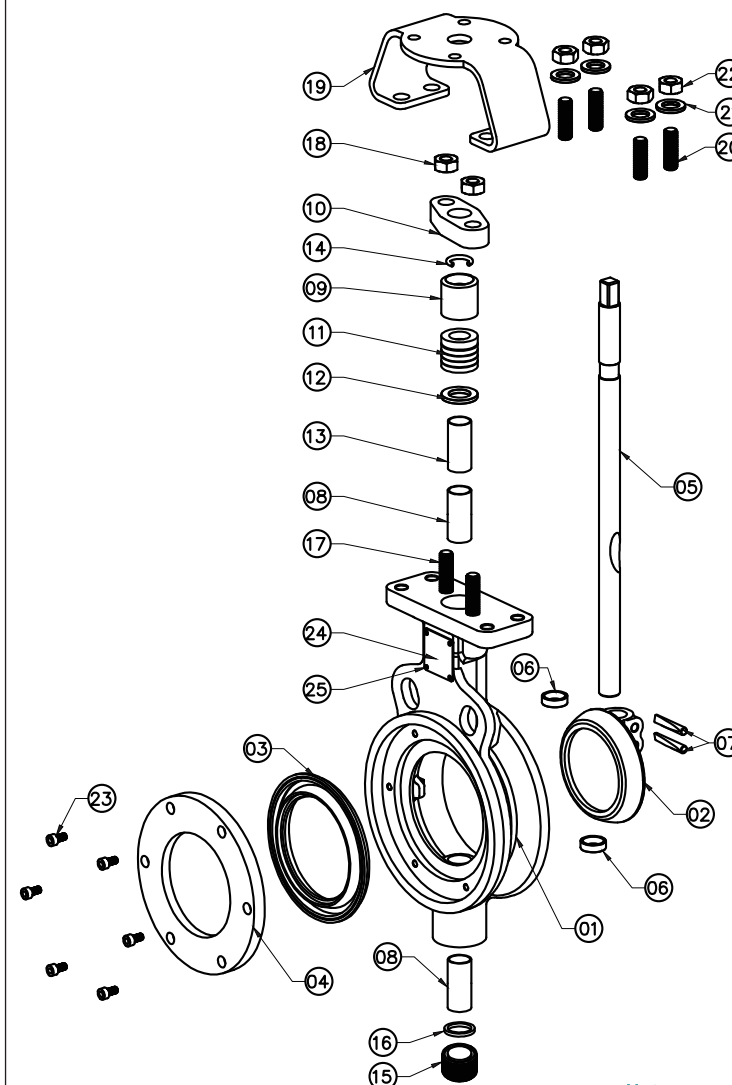
4522B

4522K

4524L



BUTTERFLY VALVE



SR. NO	DESCRIPTION	MATERIAL
1	BODY	ASTM A216 Gr. WCB ASTM A351 Gr. CF8/CF8M/CF3M
2	DISC	ASTM A351 Gr. CF8/CF8M
3	SEAT	PTFE / RPTFE
4	RETAINER RING	IS 2062 Gr.B/SS316/SS304
5	STEM	SS304/SS316/SS410/17-4PH
6	DISC SPACER	SS316
7	DISC PIN	17-4PH/SS316/SS304/SS410
8	DU BEARING	MS+PTFE
9	GLAND	SS410/SS316/SS410
10	GLAND FLANGE	ASTM A216 Gr. WCB ASTM A351 Gr. CF8/CF8M/CF3M
11	CHEVRON PACKING	PTFE / RPTFE
12	BASE RING	SS316
13	BUSH (BODY)	PTFE / RPTFE
14	SNAP RING	SPRING STEEL
15	END NUT	CARBON STEEL/STAINLESS STEEL
16	GASKET (BOTTOM)	PTFE / RPTFE
17	GLAND STUD	SS316
18	HEX NUT	SS316
19	BRACKET	CARBON STEEL/STAINLESS STEEL
20	STUD (BRACKET)	ASTM A193 Gr. B7 / B8M
21	SPRING WASHER	SPRING STEEL
22	HEX NUT	ASTM A194 Gr. 2H / B8
23	HEX SOCKET HEAD CAP SCREW	SS316
24	NAME PLATE	SS 304
25	DRIVE SCREW	SS

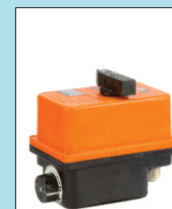
• SUGGESTED SPARE FOR MAINTENANCE

Note:

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

NOTE:-Exploded view may change according to Size.

ACCESSORIES



EA-21



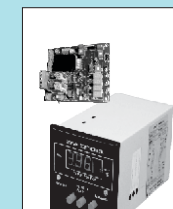
EA-50/70



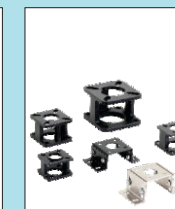
QMT / QRT XXX



QM / QR XXX



MA 512 AN/BN/532/533



BRACKETS & ADAPTERS

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.

Email : avcon@avconcontrols.com / acplmumbai.sales@avconcontrols.com

Website : www.avconcontrols.com

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,
Sampatrao Colony, Productivity Road,
Baroda - 390 005.
Tel.No.: 022-6915 6100 / 83909 17431
E-mail : acplmumbai.sales@avconcontrols.com

EASTERN

Kolkata
Marshal House, Room No- 720,
7th Floor, 33/1, N.S. Road,
Kolkata- 700 001.
Tel.No.: 033-4068 1180 / 77109 00889
E-mail : acplmumbai.sales@avconcontrols.com

SOUTHERN

Chennai
No. 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.: 7995086416
E-mail : acplmumbai.sales@avconcontrols.com

Bangalore
Tel.No.: 084312 56574
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