



Actuation Valve

**Market leading
valve and actuation
solutions**

AV LITE



AV LITE - ACTUATED VALVES

AV-L30EBSP

3 PIECE FB

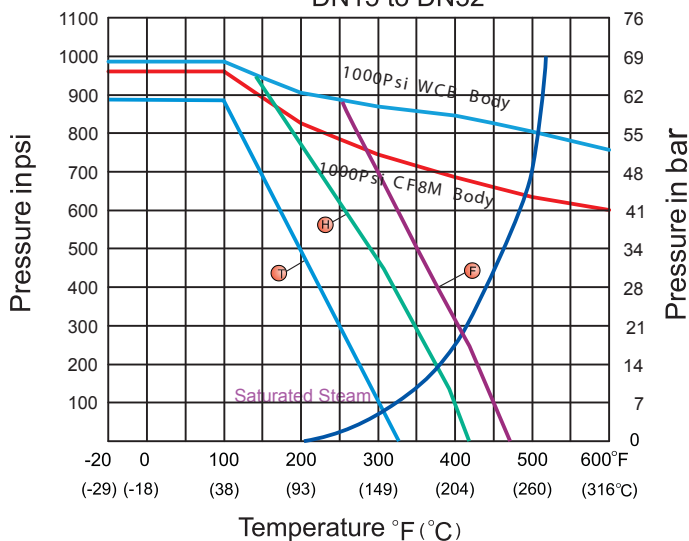
Electric actuated motorised ball valves. CF8M 316 stainless steel body and trim construction with tfm 1600 wras & fda approved ball seats and ptfе seals. ISO 5211 direct mount actuation pad and square shaft design for express assembly, test and shipping. Actuated ball valve rated to 1000 psi and nace mr-0175 compliant. TA-LUFT self adjusting stem and silicone free design for use with oil based painting systems. The screwed BSP actuated ball valve is also available in NPT, SW & BW.



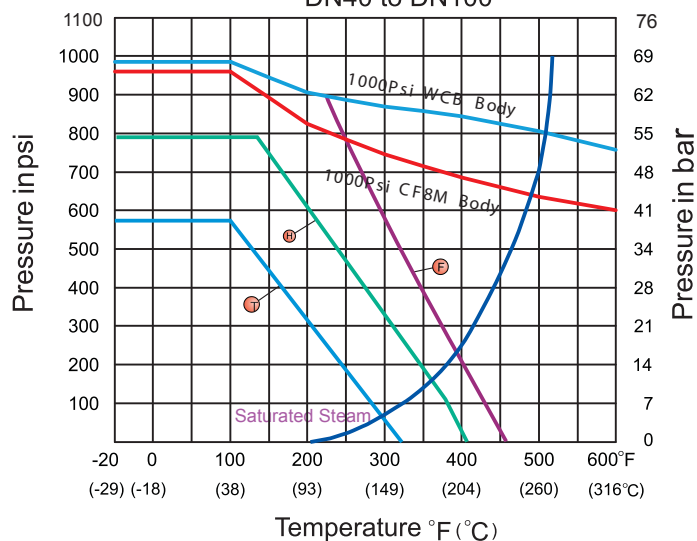
Pressure Temp Chart:

The ball valve pressure temperature chart shall be used as a guide only and is determined not only by the valve body materials but also the sealing components used for seats, packing and any required gaskets. The above ratings are shown for valve bodies manufactured from ASTM A351 CF8M stainless steel and A216 WCB carbon steel. Please contact us for any additional requirements.

Full Bore : NPS ½ ~ NPS 1 ¼
DN15 to DN32



Full Bore : NPS 1 ½ ~ NPS 4
DN40 to DN100



Actuated Ball Valves:

The AV-L30EBSP provides a cost effective quarter turn, electric actuated ball valve package comprising of the AV Electric Actuator and the AV-L30 3 piece, full bore, stainless steel ball valve. The valve is fully maintainable and manufactured to stringent quality requirements. Spare replacement seats are available for all sizes and easily changed with the swing out center section of the ball valve. The AV Electric Actuator is a combination of modern technology and reliable mechanical components tested up to 80,000 cycles. The AV-L30EBSP is designed, assembled and tested to offer on/off control (Power to open and power to close) as standard. The electric actuated ball valve can be supplied from stock in a number of voltages with additional options including 4-20mA control, anti condensation heaters and battery backup for a fail safe closed operation. All wiring diagrams are easily visible on the external housing of the actuator and available online for download should additional copies be required.

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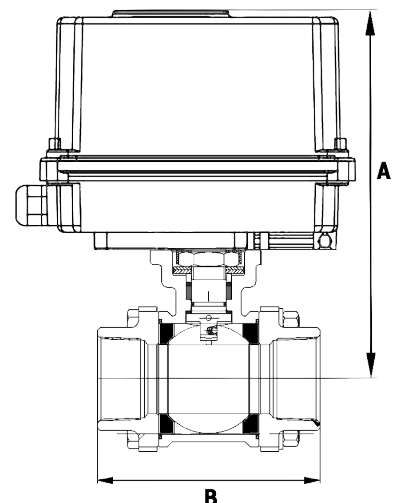
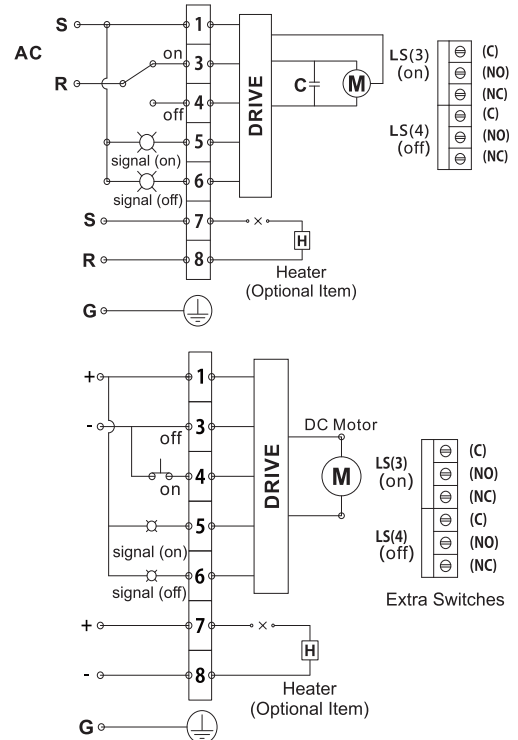
Material Breakdown:

NO.	PART NAME	MATERIALS		
1	Body	CF8M(1.4408)	CF8(1.4308)	WCB(1.0619)
2	End Cap (Thread)	CF8M(1.4408)	CF8(1.4308)	WCB(1.0619)
	End Cap (BW/SW)	CF3M(1.4409)	CF8(1.4308)	WCB(1.0619)
3	Ball	CF8M		CF8
4	Ball Seat	TFM1600 / PTFE/TFM4215		
5	Stem	316		304
6	Anti-Static	316		304
7	Body Gasket		PTFE / TFM1600	
8	Thrust washer	PTFE / TFM1600 / RTE		
9	O-Ring	FKM		
10	Packing	PTFE / GRAPHITE*		
11	Bushing	50%SS+50%PTFE / 304		
12	Gland	316		
13	Belleville Washer	301		
14	Stem Nut	A194-8		
15	Stop-lock-Cap	304		
16	Handle Gland	304		
17	Handle Nut (NPS ¹ / ₄ -NPS3)	A194-8		
18	Handle (NPS ¹ / ₄ -NPS3)	304		
19	Handle Sleeve (NPS ¹ / ₄ -NPS3)	VINYL PLASTIC		
20	Lock Device (NPS ¹ / ₄ -NPS3)	304		
21	Stop Bolt	A2-70		
22	Stop Nut	A2-70		
23	Bolting	A193-B8 / A2-70		
24	Bolt Nut	A194-8 / A2-70		
25	Bolt Washer	304		
26	Handle Adaptor (NPS4)	A351-CF8		
27	Set Screwed (NPS4)	A2-70		
28	Bolting (NPS4)	A2-70		
29	Pipe Handle (NPS4)	A53+PLATED Zn		
30	Handle Sleeve (NPS4)	VINYL PLASTIC		

Weights & Dimensions:

AV-L30EBSP	Model Actuator	A Dimension	B Dimension	KG Weight
VALVE SIZE				
DN0008 - 1/4"	AV-02E	175MM	75MM	1.89KG
DN0010 - 3/8"	AV-02E	175MM	75MM	1.90KG
DN0015 - 1/2"	AV-02E	175MM	75MM	1.93KG
DN0020 - 3/4"	AV-02E	181MM	80MM	2.20KG
DN0025 - 1"	AV-02E	191MM	90MM	2.65KG
DN0032 - 1 1/4"	AV-02E	196MM	110MM	3.46KG
DN0040 - 1 1/2"	AV-03E	211MM	120MM	4.43KG
DN0050 - 2"	AV-03E	218MM	140MM	5.94KG
	BUY NOW	BUY NOW	BUY NOW	

Wiring Diagram:

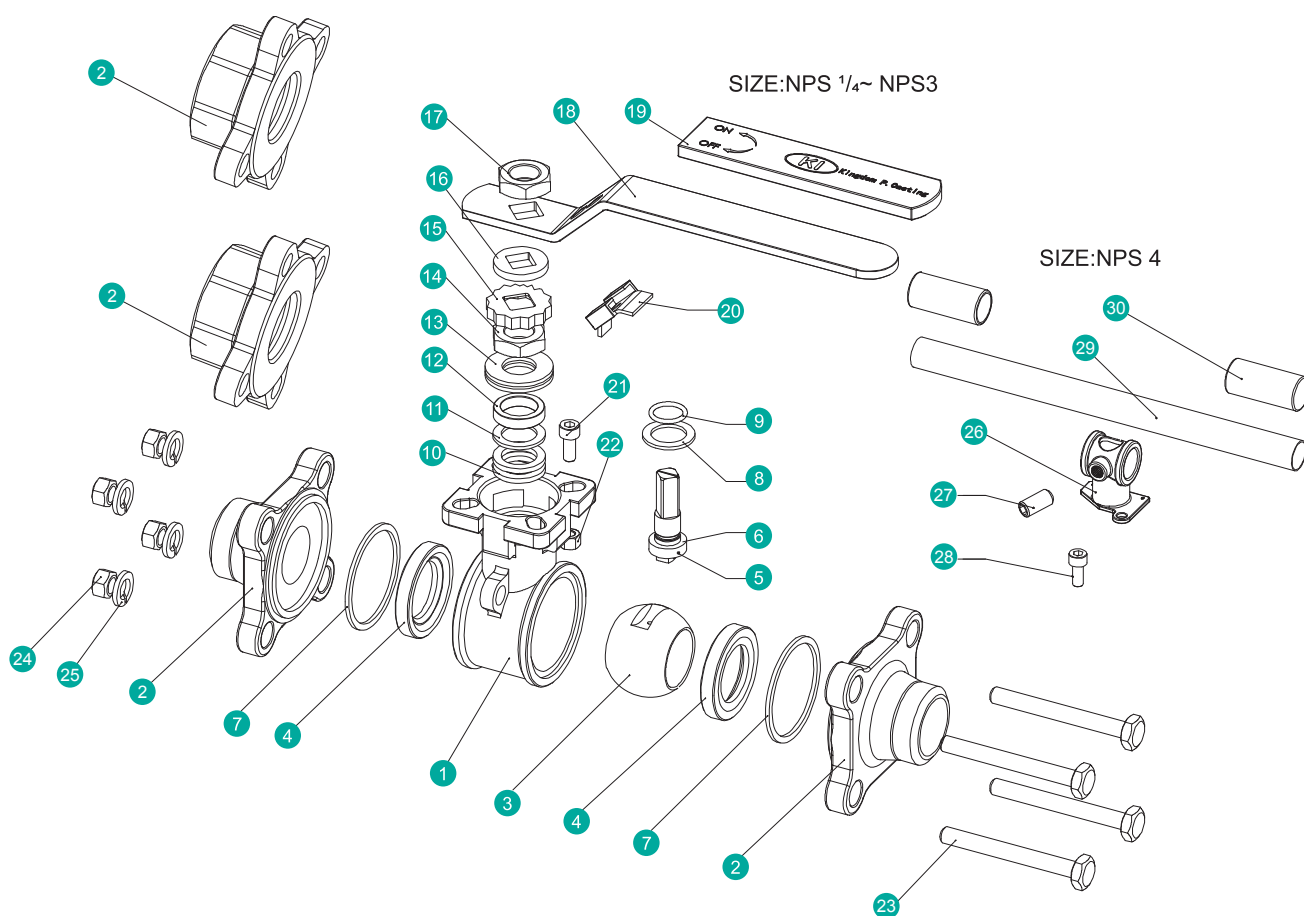


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All information detailed within this technical valve and actuation data sheet is sourced from Manufacturer's files and is intended to be used as a guidance only. Actuation Valve accept no liability for inaccuracy, changes or errors. Correct at time of creation. Please check at time of purchase.



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