

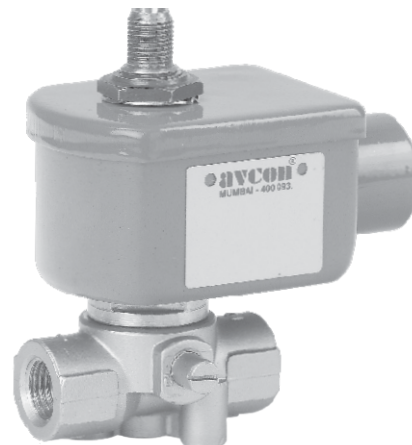
3/2-Way Compressor Loading and Unloading Solenoid Valves.

DATA SHEET
9331B

9331B - Normally Closed, Energized To Open With Side Manual Override.

SPECIFICATIONS

Sizes	: 1/4" (6 mm).
End Connections	: Standard-G-ISO-228(BSP-F). Optional - NPT.
Body Material	: SS ASTM A351 Gr.CF8/CF8M
Body Test Pressure	: 40 Bar (Refer to table below).
Max.Wkg.Pressure	: 20 Bar (Refer table below).
Seat Material	: For Air, water, gas - Neoprene, For Oil-PTFE.
Core Tube Nut	: St.St.304/St.St.316.
Plunger/Stopper	: St.St.430FR.
Spring	: St.St.302.
Shading Ring	: Copper Or Aluminium.
Temp.(ambient)	: 42Deg.C.
Max.Wkg.Temp.	: (-)5 to 80Deg.C.
Voltage (AC)	: 230, 110, 48, 24 V - 50/60 Hz.
(DC)	: 24, 110, 240 V.
Enclosures	: General Purpose (IP20). Weatherproof- RD-WP-67. Flameproof-RD-FLP-IIC+WP67.
Approvals	: KLPL/PESO/CE/ATEX/BIS.
Differential Pr.	: 0 to 20 bar (Refer table below).
Coil Insulation	: Class 'H' upto 155Deg.C.
Fluids	: Air, Gas, Oil.
Manual Override	: Available from Side.
Sales Point	: New valve developed for ease of manual override for compressor loading & unloading.
Application	: For compressor loading & unloading.
Mounting	: In horizontal pipeline, keeping solenoid upright and vertical.
Note	: 1) Use of Filter in the inlet side is highly recommended. 2) Not suitable for back pressure from outlet side.



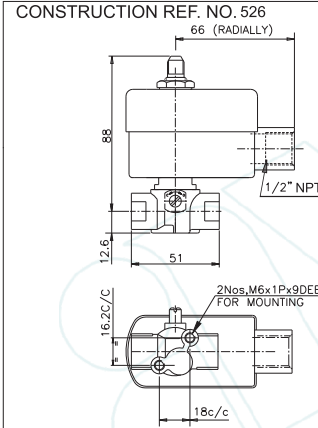
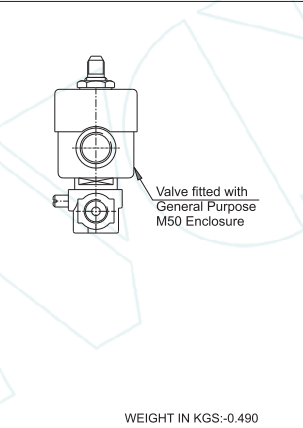
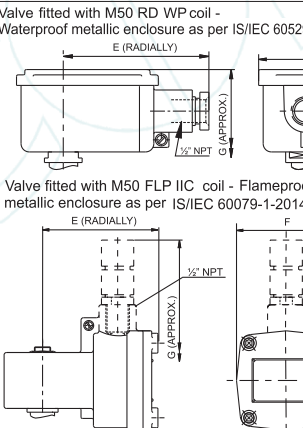
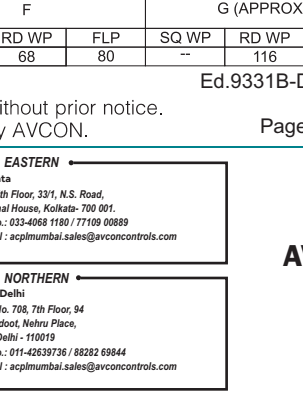
SPECIFICATION TABLE

Catalogue Number	Pipe Size	Orifice Size	Flow Factor Kv	Minimum Pressure	Maximum Operating Pressure (bar)						BTP	Material	Constr. Ref.	VA Rating	Watt Rating	Coil	Housing	
					AC			DC										
					Air/Gas	Water	Light Oil	Air/Gas	Water	Light Oil								
9331B015	1/4	1.5	0.07	0	20	18	8	20	18	8	40	CF8	BN	526	36	22	M50	GP

ELECTRICAL REFERENCE

Coil Type	Power Consumption & Watt Rating			Class of Insulation	Protection	Certification Standard
	VA Inrush	VA Holding	DC Watts			
M50 RD	50	36	22	H	GP/WP IP-67	IS/IEC 60529-2001
M50 FLP IIC	50	36	22	H	FLP-IIC IP-67	IS/IEC 60079-1-2014

DIMENSIONS IN (MM)

CONSTRUCTION REF. NO. 526   Valve fitted with M50 RD WP coil - Waterproof metallic enclosure as per IS/IEC 60529-2001 IP-67  Valve fitted with M50 FLP IIC coil - Flameproof metallic enclosure as per IS/IEC 60079-1-2014 IP-67.  WEIGHT IN KGS:-0.490											
Catalogue Number	Pipe Size	Constr. Ref.	E (RADIALY)			F			G (APPROX.)		
			SQ WP	RD WP	FLP	SQ WP	RD WP	FLP	SQ WP	RD WP	FLP
9331B015	1/4	526	--	96	96	--	68	80	--	116	152

Note:

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

Ed.9331B-Dec-2025

Page No. 239

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 Bhorai, Pune - 411 026, Maharashtra (INDIA). Tel.No.: 020-2712 0776 / 2712 0540 E-mail : acplmumbai.sales@avconcontrols.com			Baroda 307, Mangaldeep Complex, Sampatna Colony, Productivity Road, Baroda - 390 005. Tel.No.: 022-4915 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, Vasanthi 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, Marshall 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.: 011-4263736 / 88282 69844 E-mail : acplmumbai.sales@avconcontrols.com		