

2/2-Way Direct Acting, Solenoid Valves.

DATA SHEET
9130B

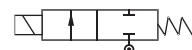
For steam and hot water application upto 4 bar pressure
9130B- Normally Closed, Energised To Open.

SPECIFICATIONS

Sizes	: 1/4" (6mm) to 1/2" (15 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	: 4 Bar (Refer to table below).
Seat Material	: Std.: EPDM, Optional: Silicon.
Core Tube Nut	: St.St.304/St.St.316.
Plunger/Stopper	: St.St.430FR.
Spring	: St.St.302.
Shading Ring	: Copper.
Temp.(ambient)	: 42Deg.C.
Max.Wkg.Temp.	: (-)5 to 155Deg.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 4 bar,(Refer to Table below).
Coil Insulation	: Class 'H' upto 155Deg.C, Class 'C' upto 180Deg.C.
Fluids	: Steam temp.upto 150Deg.C, Hot water temp.upto 95Deg.C.
Manual Override	: Optional - Available.
Sales Point	: Direct acting, standard valve for low pressure steam application.
Application	: Steaming equipment, Textile processing equipment, Laundry equipment, Kitchen equipment and others.
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. 3) Hot water temperature limited upto 95Deg.C only. 4) Suitable for Wet steam. 5) Not available in Normally Open design. 6) For high pressure steam, use valve type 9130H.



SPECIFICATION TABLE 2/2 WAY NORMALLY CLOSED



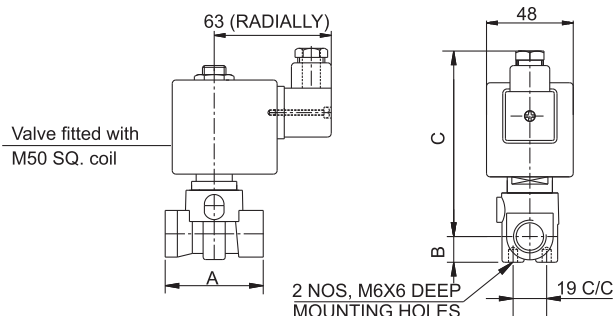
Catalogue Number	Pipe Size	Orifice Size	Flow Factor Kv	Minimum Pressure	Maximum Operating Pressure (bar)		BTP	Material		Constr. Ref.	VA Rating	Watt Rating	Coil	Housing
	Inch	mm	M ³ /hr.	bar	Hot Water *	Steam	bar	Body	Seat		AC	DC	Type	
9130B61	1/4	6	0.80	0	4	4	40	CF8	EPDM	157	36	22	M50-HT	SQ
9130B6110	3/8	6	0.80	0	4	4	40	CF8	EPDM	158	36	22	M50-HT	SQ
9130B6115	1/2	6	0.80	0	4	4	40	CF8	EPDM	158	36	22	M50-HT	SQ
9130B8115	1/2	8	1.30	0	1.5	1.5	40	CF8	EPDM	158	36	22	M50-HT	SQ
9130B1115	1/2	11	2.00	0	0.6	0.6	40	CF8	EPDM	158	36	22	M50-HT	SQ

*Hot water at 95°C

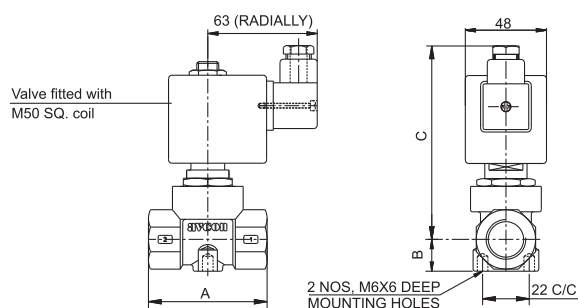
ELECTRICAL REFERENCE

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

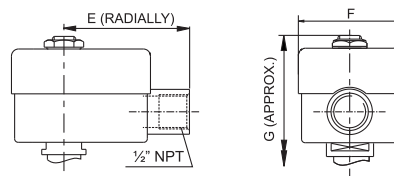
CONSTRUCTION REF. NO. :157



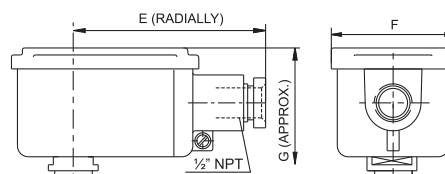
CONSTRUCTION REF.NO. :158



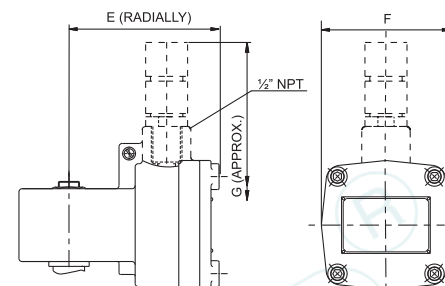
Valve fitted with M50 RD GP coil - General purpose enclosure as per IP-20



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.



Catalogue Number	Pipe Size Inch	Constr. Ref.	E (RADIALLY)			F			G (APPROX.)			TEMPERATURE TABLE FOR SATURATED STEAM UNDER GAUGE PRESSURE			
			RD GP	RD WP	FLP	RD GP	RD WP	FLP	RD GP	RD WP	FLP				
9130B61	1/4	157	66	96	96	57	68	80	89	94	159	Pressure (bar)	Temp (°C)	Pressure (bar)	Temp (°C)
9130B6110	3/8	158	66	96	96	57	68	80	98	103	168	0.5	111	6	165
9130B6115	1/2	158	66	96	96	57	68	80	98	103	168	1	120	7	170
9130B8115	1/2	158	66	96	96	57	68	80	98	103	168	1.5	127	8	175
9130B1115	1/2	158	66	96	96	57	68	80	98	103	168	2	134	9	180
DIMENSIONS IN (MM)												2.5	139	10	184
												3	144	11	188
Catalogue Number	Pipe Size Inch	Constr. Ref.	A	B	C	Weight (Approx.) Kgs. ♦									
9130B61	1/4	157	39.5	10.5	98	0.615		3.5	148	12	191	4	152	13	195
9130B6110	3/8	158	54	16	107	0.735		4.5	155	14	198	5	159	15	200
9130B6115	1/2	158	54	16	107	0.735									
9130B8115	1/2	158	54	16	107	0.735									
9130B1115	1/2	158	54	16	107	0.735									

♦ Weight with SQ enclosure only, ask AVCON for other weights.

Ed.9130B-Dec-2025

Note:

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

Page No. 208

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
SOUTHERN		
Chennai 249, First Floor, Tiny Sector Ambattur Industrial Estate, Chennai - 600 058 Tel.No.: 044-4807 4107 / 08393 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.: 795096416 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.: 011-42639736 / 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