

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

With Bottom Manual Override

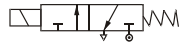
DATA SHEET  
LT-500  
LT-501

## SPECIFICATIONS

Sizes	: 6mm (1/4").
End Connections	: Standard-G-ISO-228 (BSP-F) / NPT.
Construction-Body	: SS ASTM A351 Gr. CF8/CF8M.
-Seat	: For air, water, gas-N(Neoprene). For oil-PTFE
Fluids	: Air, water, gas, oil.
Differential Pressure	: From 0 to 20 bar.
Coil Voltage	: Standard-230-volts, 50Hz. A.C. Optional - 24, 110, 240 V DC & AC 50Hz & 60Hz.
Enclosure	: Standard-General purpose IP-20, Optional-Waterproof upto IP-67, Flameproof coil upto FLP IIC.
Manual override	: Standard (from bottom).
Application	: For compressor loading & unloading.
Note	: USE OF FILTER IN THE INLET SIDE IS HIGHLY RECOMMENDED.



## 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 Type	Housing	
					AC			DC				bar	Body						Seat
					Air/Gas	Water	Light Oil	Air/Gas	Water	Light Oil									
LT 500	1/4	1.2	0.06	0	18	16	10	18	16	10	40	CF8	N/T	93	18	12	M45.1	GP	
LT 501	1/4	1.2	0.06	0	20	20	20	22	20	20	40	CF8	N/T	170	36	22	M50	GP	

## ELECTRICAL REFERENCE

Coil Type	Power Consumption & Watt Rating			Class of Insulation	Protection
	AC		DC		
	VA Inrush	VA Holding	Watts		
M 45.1 RD	25	18	12	H	GP/WP IP-67
M 50 RD	50	36	22	H	GP/WP IP-67
M 45.1 FLP IIC	25	18	12	H	IS/IEC 60079-1:2007, Group IIC.
M 50 FLP IIC	50	36	22	H	IS/IEC 60529-2001 IP-67

## DIMENSIONS IN (MM)

Catalogue Number	Pipe Size	Constr. Ref.	E (RADIALLY)			F			G (APPROX.)		
			SQ WP	RD WP	FLP	SQ WP	RD WP	FLP	SQ WP	RD WP	FLP
			LT 500	1/4	93	--	96	96	--	62	80
LT 501	1/4	170	--	96	96	--	68	80	--	116	158