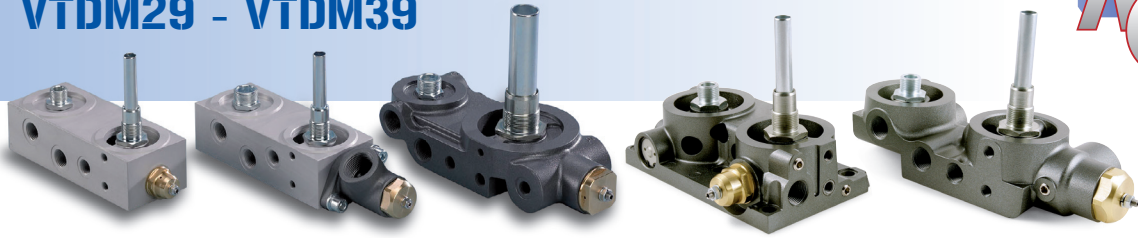


COMBINATION BLOCK

VTDM15 - VTDM16 - VTDM28

VTDM29 - VTDM39



APPLICATION: This block offers support for spin on air oil separators, oil filters and includes a thermostat and minimum pressure valve, and ports for monitoring pressure drop on separators. Few components, less cost, less weight, less space, less plumbing and less leaking possibilities are some advantages and saving of this system.

INSTALLATION: The Combination Block can be threaded or flanged on the tank separator or assembled separately. The air/oil and oil filter nipples are included on the head. VMC offered a wide range of connection's system, nipples size and thermostat temperature setting.

REPLACEMENT: The stress on valve parts depends on compressor application and operating parameters. Inspect the valve and replace, using VMC spare part kit, after 8.000 operating hours.

TECHNICAL DATA

Thread Size	VTDM15	VTDM16	VTDM28	VTDM29	VTDM39S	VTDM39
Air Rate Flow m ³ /1'	1,5	1,5	2	2	3	5
Oil Rate Flow Lt/1'	45	45	45	45	80	80
Oil Inlet/Outlet Inch	Rp 1/2	Rp 3/8	Rp 1/2	Rp 1/2	Rp 3/4	Rp 3/4
Air Inlet Inch	Rp 1	Ø60 mm	Rp 1	Rp 1	Rp 1 1/4	Rp 1 1/4
Air Outlet Inch	Rp 1/2	Rp 1/2	Rp 1	Rp 1	Rp 1	Rp 1 1/4
Oil nipples Size	3/4 16 UNF	3/4 16 UNF	3/4 16 UNF	3/4 16 UNF	3/4 Gas	3/4 Gas
	3/4 Gas	3/4 Gas	3/4 Gas	3/4 Gas	1-12 UNF	1-12 UNF
			1-12 UNF			
Air nipples Size	M 22x1,5	M 22x1,5	M 22x1,5	M 22x1,5	M 32x1,5	M 39x1,5
	M 24x1,5	M 24x1,5	M 24x1,5	M 24x1,5	M 39x1,5	
Thermostat Temp. Setting °C	Three thermostat available: 55-70; 71-85 or 83-95					
Materials	Housing in aluminium alloy anodized. Internal parts in brass and viton sealings					
A mm	60	57	60	60	60	60
A1 mm	152	230	232	232	191	191
B mm	80	138	80	87	120	120
C1 mm	241	196	296	263	294	315

Flange Size	VTDM15fi	VTDM16fi-eti	VTDM28fi	VTDM29fi	VTDM39Sfi	VTDM39fi
X mm	Ø29	Ø60	Ø29	Ø28	Ø35	Ø35
I mm	42,4	See the drawing below	42,4	38	42,4	42,4
Holes mm	4xØ8,5	6xØ11	4xØ8,5	4xØ8,5	4xØ8,5	4xØ8,5
Weight of Threaded or Flanged kg	2,6	2,4	3,1	2,4	3,9	4,2

Attention: The drawing below is not appropriated to all models. Other types of flange connection systems are available, contact our sales department

