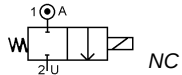


Media: mains gas - air
 Pressure range: 0 to 200 mBar max
 Media temperature: 60°C max
 Ambient temperature: -15°C to +60°C
 Mounting: coil upright
 Opening - Closing Time: 1 Sec Max
 Class A Group 2 EN161 Gas Approved
 Gas type I, II, III family EN437



EN161 Gas Valves

1/2 – 2" DN50 – DN150

NORMALLY CLOSED

Slam Shut Safety Valves

0 – 200mBar

TYPE VMR



PRESSURE

Ø Port	Ø Orifice (mm)	Power Consumption		Flow (m³/hr)	Pressure Rating (mBar)		Part Number
		Inrush	Hold		Min	Max mBar	
1/4	10	8		0.55	0	200	VMR010TN + voltage
1/2	10	16		1.3	0	200	VMR120TN + 230vAC
3/4	20	25		9.5	0	200	VMR22 + 230vAC
1	25	45		12	0	200	VMR32 + 230vAC
1 1/4	32	120	30	20	0	200	VMR352 + 230vAC
1 1/2	40	120	30	26	0	200	VMR42 + 230vAC
2	50	120	30	40	0	200	VMR62 + 230vAC
DN65	65	180	45	63	0	200	VMR72 + 230vAC
DN80	80	180	45	80	0	200	VMR82 + 230vAC
DN100	100	280	70	148	0	200	VMR92 + 230vAC
DN125	125	320	80	250	0	200	VMR932 + 230vAC
DN150	150	320	80	315	0	200	VMR952 + 230vAC

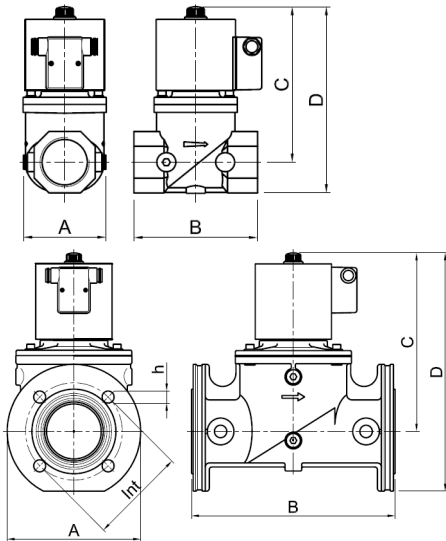
OPTIONS

IP54 Coil & Connector PG9 – DIN 43650 A & Flow Adjustment, Metal mesh filter
 Closed Position Indicator (KO1)
 110vAC, 24vAC/DC or 12vAC/DC
 360mBar (DN65-DN150), 500mBar (1/2 to 2") or 6 Bar (1/2 to DN100) AC 230-110vAC only
 ATEX, Biogas or Coke Gas corrosive gases (suffix J)

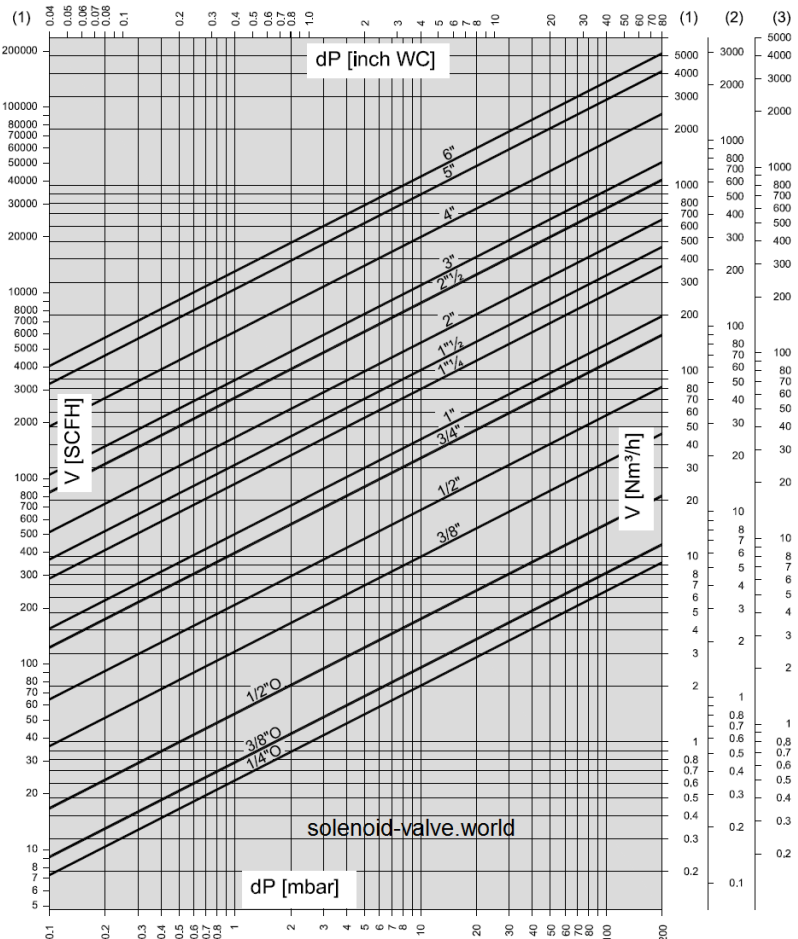
CONSTRUCTION

Body: VMR22 to VMR952 Aluminium, VMR010TN & VMR120TN Brass, Tube and internal parts: Stainless steel
 Seals and gaskets: NBR

DIMENSIONS



Port	A	B	C	D	Int	Holes	Kg
1/4	30	46	66.5	75			0.27
1/2	30	58	95	110			0.4
3/4	88	96	145	168			2.5
1	88	96	145	168			2.5
1 1/4	120	153	191	224			5.7
1 1/2	120	153	191	224			5.7
2	106	156	195	234			6
DN65	200	305	266	355	145	4X18	14
DN80	200	305	266	355	160	8X18	14
DN100	250	350	352	452	180	8X18	33
DN125	310	460	430	600	210	8X18	58
DN150	310	460	430	600	240	8X23	60



Media: mains gas –air – coke/bio gas
 Pressure range: 0 to 1.6 Bar max
 Media temperature: 60°C max
 Ambient temperature: -15°C to +60°C
 Mounting: upright
 Opening Time: 50 Sec Max
 Closing Time: <1 Second
 EN161 Gas Class A Approved
 Power: Inrush 110VA, Holding 20VA

2/2 Electro Hydraulic

DN65 – DN300
 NORMALLY CLOSED
 EN161 GAS APPROVED
 0 – 1.6 Bar
 TYPE VMH



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Opening Time Seconds	Flow Kvs m³/hr	Max Cycles per hour	Pressure Rating (mBar)		Part Number
					Min	Max mBar	
DN65	65	10-15	83	60	0	1600	VMH7 + 230vAC
DN80	80	10-15	92	60	0	1600	VMH8 + 230vAC
DN100	100	15-25	152	40	0	1300	VMH9 + 230vAC
DN125	125	25-40	250	30	0	500	VMH93 + 230vAC
DN150	150	25-40	315	30	0	500	VMH95 + 230vAC
DN200	200	35-50	476	20	0	200	VMH98 + 230vAC
DN250	250	40-60	660	15	0	1300	VMH910 + 230vAC
DN300	300	45-75	970	15	0	1300	VMH912 + 230vAC

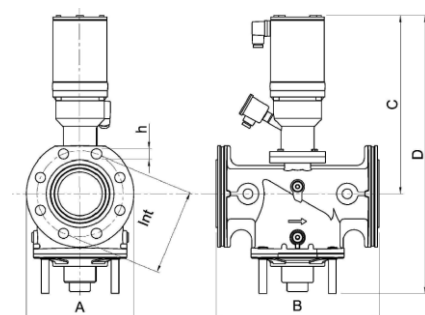
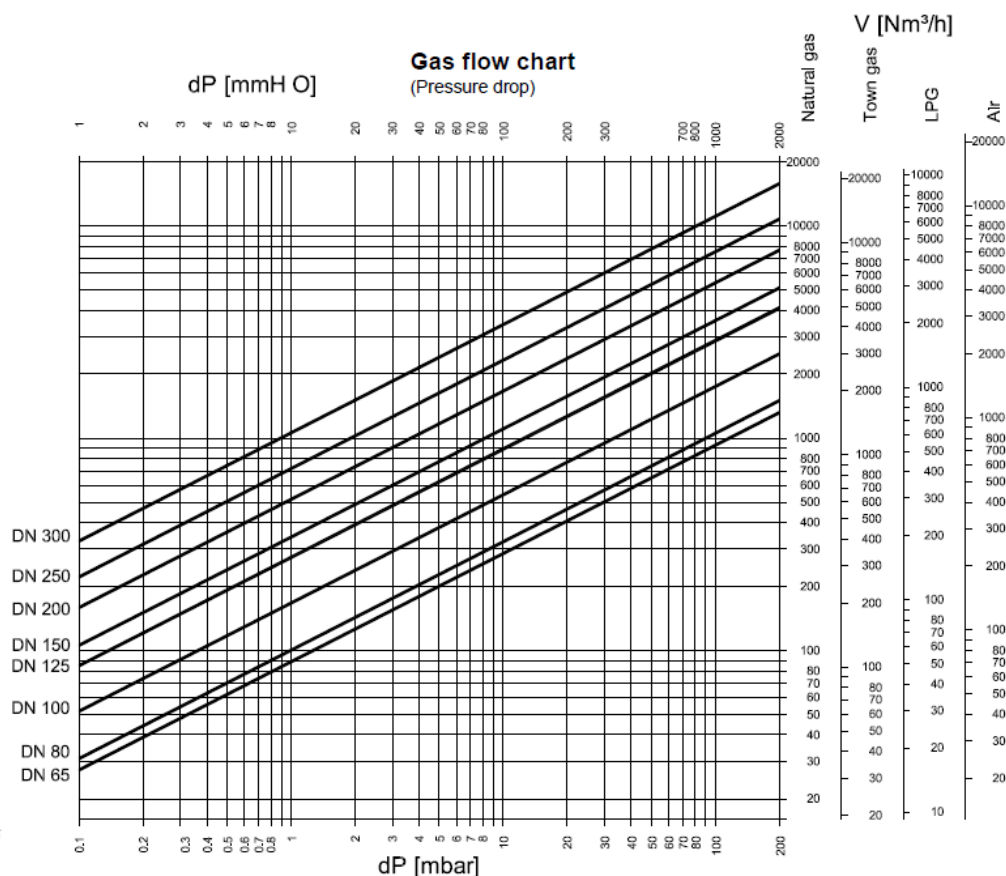
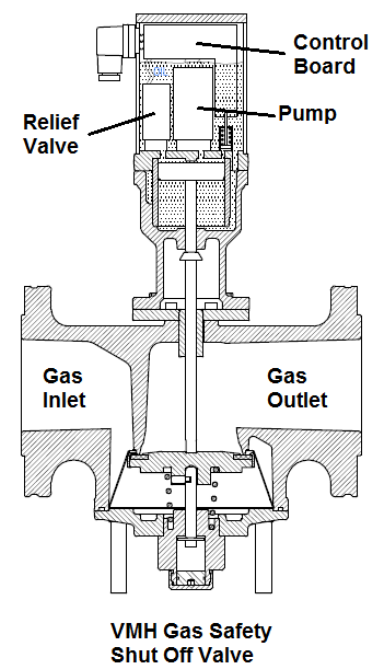
OPTIONS

IP65 Coil & Connector PG9 – DIN 43650 A, Filter 600µ metal mesh, Flow rate adjustment (VMH7 & 8 DN65 to DN80)
 PCS (closed position indicator switch)
 110 v 50/60 Hz
 Higher pressure options VMH93U, 95U, 98U 1.3 Bar, 1300mBar
 K Version for Coke and Bio Gas, ATEX Version for Hazardous Area

CONSTRUCTION

Body: Aluminium
 Internal parts: Stainless steel, plated steel, Brass, anaerobic adhesive
 Seals and gaskets: NBR, FPM and PTFE

DIMENSIONS



Model	A	B	C	D	Int	h	Kg
VMH7	200	305	350	536	145	4x18	14
VMH8	200	305	350	536	160	8x18	14
VMH9	252	350	365	572	180	8x18	18
VMH93	310	460	461	671	210	8x18	34
VMH95	310	460	461	671	240	8x23	36
VMH98	370	546	494	740	295	12x23	52
VMH910	405	600	560	852	355	12x28	59
VMH912	460	700	596	923	410	12x28	106

European Approval: Gas EN161 Class A + (2009/142/CE), PED (97/23/CE), Electromagnetic (2004/108/EC), Low Voltage (2006/95/EC)
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