

2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
PILOT OPERATED



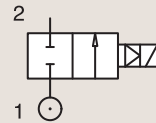
Commercial Equipment



Industrial Equipment

BRASS PIPE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
3/8"	13	33	2	-	0.5	16	-	-10	90	NBR	366501 ₁	PM168.1IN	ZB09	9	-	20.1/20.2	048
	13	33	2	-	0.5	-	16	-10	90	NBR	366501 ₁	PM168.1IN	ZB12	-	12	20.1/20.2	048
	13	50	3	-	0.35	15	-	-10	90	NBR	366770	PM173IN	WB4.5	4.5	-	1.3	054
	13	50	3	-	0.35	-	12	-10	90	NBR	366770	PM173IN	WB5.0	-	5	1.3	054
1/2"	13	42	2.5	-	0.5	16	-	-10	90	NBR	366511 ₁	PM168.1AN	ZB09	9	-	20.1/20.2	046
	13	42	2.5	-	0.5	-	16	-10	90	NBR	366511 ₁	PM168.1AN	ZB12	-	12	20.1/20.2	046
	13	58	3.5	-	0.35	15	-	-10	90	NBR	366775	PM173AN	WB4.5	4.5	-	1.3	053
	13	58	3.5	-	0.35	-	12	-10	90	NBR	366775	PM173AN	WB5.0	-	5	1.3	053
3/4"	20	117	7	-	0.5	16	-	-10	90	NBR	366521 ₁	PM168.1CN	ZB09	9	-	20.1/20.2	046
	20	117	7	-	0.5	-	16	-10	90	NBR	366521 ₁	PM168.1CN	ZB12	-	12	20.1/20.2	046
1"	25	133	8	-	0.5	16	-	-10	90	NBR	366531 ₁	PM168.1DN	ZB09	9	-	20.1/20.2	047
	25	133	8	-	0.5	-	16	-10	90	NBR	366531 ₁	PM168.1DN	ZB12	-	12	20.1/20.2	047

Notes:

1. Valve only compatible with air and neutral gases

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PNEUMATIK

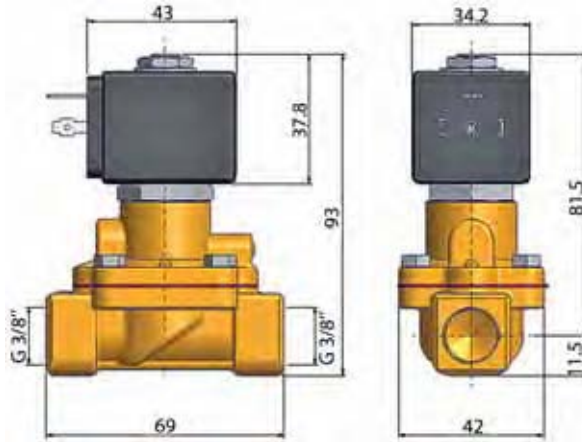
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www.arapneumatik.pl

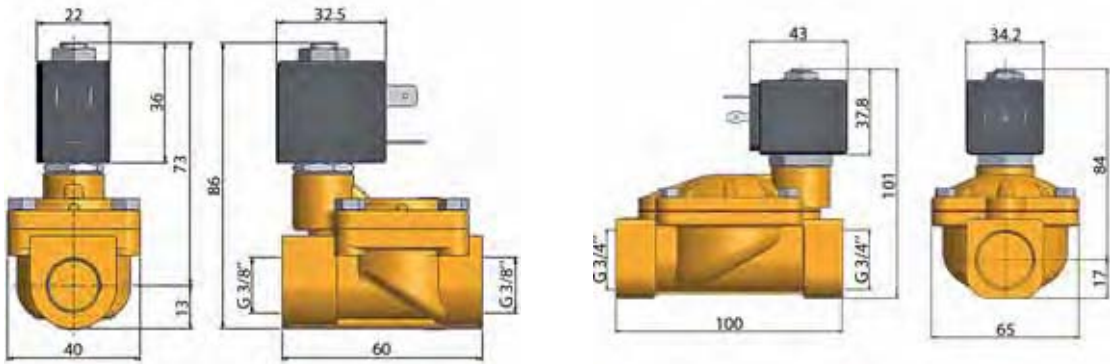




For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	13	33	12	-10	-10
To	1"	25	133	16	90	50

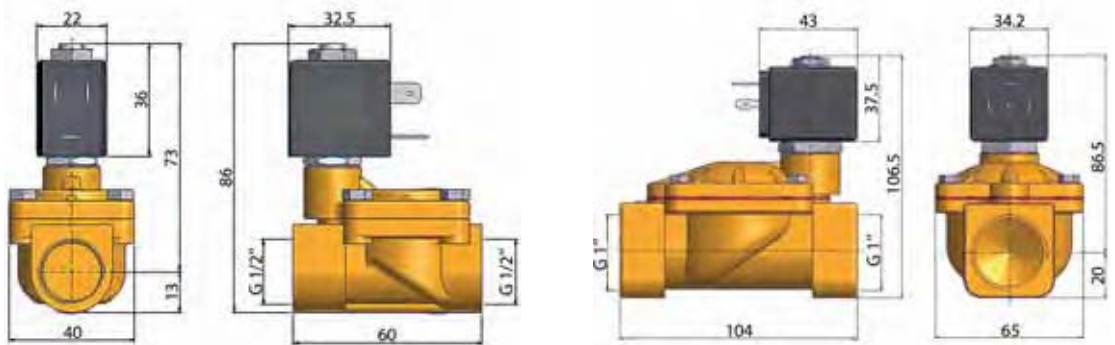


Drawing 048



Drawing 054

Drawing 046



Drawing 053

Drawing 047

1.3

COILS FOR
DIN PLUG CONNECTION



WB COIL SERIES 22 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group. See column "Coil Group" within valve pages.

These coils can be mounted with the majority of type 2 operators. Coil manufactured with H class copper wire, moulded in thermoplastic material polyester with 30% glass fiber. IP65 protection rate with DIN 43650A three pin connector and appropriate gasket.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc. Coils conforms to the IEC/CENELEC safety standards and complies with European low-voltage directive. For UL recognized version: UL file MH19410.

DIN plug connector to be ordered separately (see coil accessories section).



Specification		Standard		UL recognized version		High Power	
Ref. (without DIN plug)		WB4.5 for AC WB5.0 for DC		WB4.5 UR WB5.0 cURus (only 24 VDC)		WB8.0	
Coil Group				1.3			
Degree of protection		IP65 according to IEC / EN 60529 standards (with DIN plug + gasket)					
Class of insulation		F 155°C		F 155°C		F 155°C	
Electrical connection		The coil is connected with a 2 P + E plug according to EN 175301-803 type B.					
Ambient temperature		-10°C to +50°C		-10°C to +50°C		-10°C to +50°C	
		The application is limited also by the temperature range of the valve.					
Elect. Power	DC	P (cold) 20°C	5 W				
	AC	Pn (holding)	4.5 W	4.5 W		8 W	
		Attraction cold	7.5 VA	7.5 VA		11 VA	
Weight		90 g (without plug)					
Voltages "Un"		WB4.5 VAC/Hz	Order Number	WB4.5 UR VAC/Hz	Order Number	WB8.0 VAC/Hz	Order Number
-10% to +10% of Un for AC - 5 % to + 10 % for Un DC		100/50-60	302609	115/60	304087	115/50-60	302672
		115/50-60	304260	208-240/60	304089	230/50-60	302674
		230/50-60	304262J	24/60	304086	24/50-60	302670
		110/50	304316				
		WB5.0 VDC	Order Number	WB5.0 cURus VDC	Order Number		
		110 VDC	302660	24 VDC	302654		
		12 VDC	302652				

To Order a Coil: Use 6 digits ordering number - Code Example: WB8.0 for 115/50-60 = 302672
More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

