

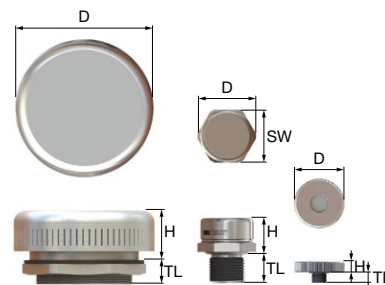
Ventilation Plugs

Metal Ventilation Plugs



Metal ventilation plugs

- For industrial applications in harsh environments
 - Balances pressure differences between inner housing and the outside environment
 - Prevents damages according to pressure differences
 - Prevents the formation of water condensation in tightly-sealed standard housings
 - Membrane properties: hydrophobic, oleophobic
 - Material:
 - Ventilation plug: Stainless steel, Aluminium
 - Ventilation Membran: Acrylic co-polymer on nylon-support
 - O-Ring: NBR
 - Ingress Protection Rating: IP 68 / IP 67
(for water intrusion pressure 0.1 bar)
 - Operating temperature:
 - Permanent: -20 °C to +100 °C
 - Intermittent: -30 °C to +150 °C
 - Accessories (refers to dedicated page): Locknuts, Washer Gaskets
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Thread Type METRIC acc. to EN 60423 (Stainless Steel 303)

Size	Average Air Flow for $\Delta P = 70 \text{ mbar}$	Water Intrusion Pressure	Outer Thread Length		Spanner Width SW		Outer $\varnothing$		Height		Design Type	Description	Part Number	Pkg per Box
	l/h	bar	TL mm	in	mm	in	D mm	in	H mm	in				
M12x1.0	16	0.9	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M1210-MET-A	1SNG624001R0000	50
	25	0.5	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M1210-MET-B	1SNG624002R0000	50
	120	0.2	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M1210-MET-C	1SNG624003R0000	50
	300	0.1	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M1210-MET-D	1SNG624004R0000	50
M12x1.5	16	0.9	6	0.236	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-A	1SNG624005R0000	50
	3	0.9	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-B	1SNG624006R0000	50
	25	0.5	6	0.236	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-C	1SNG624007R0000	50
	25	0.5	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-D	1SNG624008R0000	50
	120	0.2	6	0.236	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-E	1SNG624009R0000	50
	120	0.2	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-F	1SNG624010R0000	50
	300	0.1	6	0.236	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-G	1SNG624011R0000	50
	300	0.1	10	0.394	17	0.669	18.8	0.740	11	0.433	C	EM-VEP-M12-MET-H	1SNG624012R0000	50
M16x1.5	16	0.9	6	0.236	18	0.709	20	0.787	12	0.472	C	EM-VEP-M16-MET-A	1SNG624013R0000	50
	16	0.9	6	0.236	18	0.709	20	0.787	16	0.630	C	EM-VEP-M16-MET-B	1SNG624014R0000	50
	25	0.5	6	0.236	18	0.709	20	0.787	12	0.472	C	EM-VEP-M16-MET-C	1SNG624015R0000	50
	25	0.5	6	0.236	18	0.709	20	0.787	16	0.630	C	EM-VEP-M16-MET-D	1SNG624016R0000	50
	120	0.2	6	0.236	18	0.709	20	0.787	12	0.472	C	EM-VEP-M16-MET-E	1SNG624017R0000	50
	120	0.2	6	0.236	18	0.709	20	0.787	16	0.630	C	EM-VEP-M16-MET-F	1SNG624018R0000	50
	300	0.1	6	0.236	18	0.709	20	0.787	12	0.472	C	EM-VEP-M16-MET-G	1SNG624019R0000	50
	300	0.1	6	0.236	18	0.709	20	0.787	16	0.630	C	EM-VEP-M16-MET-H	1SNG624020R0000	50
M20x1.5	16	0.9	6	0.236	22	0.866	24.5	0.965	13	0.512	C	EM-VEP-M20-MET-A	1SNG624021R0000	50
	16	0.9	6	0.236	22	0.866	24.5	0.965	17	0.669	C	EM-VEP-M20-MET-B	1SNG624022R0000	50
	25	0.5	6	0.236	22	0.866	24.5	0.965	13	0.512	C	EM-VEP-M20-MET-C	1SNG624023R0000	50
	25	0.5	6	0.236	22	0.866	24.5	0.965	17	0.669	C	EM-VEP-M20-MET-D	1SNG624024R0000	50
	120	0.2	6	0.236	22	0.866	24.5	0.965	13	0.512	C	EM-VEP-M20-MET-E	1SNG624025R0000	50
	120	0.2	6	0.236	22	0.866	24.5	0.965	17	0.669	C	EM-VEP-M20-MET-F	1SNG624026R0000	50
	300	0.1	6	0.236	22	0.866	24.5	0.965	13	0.512	C	EM-VEP-M20-MET-G	1SNG624027R0000	50
	300	0.1	6	0.236	22	0.866	24.5	0.965	17	0.669	C	EM-VEP-M20-MET-H	1SNG624028R0000	

All the main technical data provided are “manufacturer” values
Refers to UL files for precise approval per products

RoHS  RoHS  USR CNR