

Metallic Breather Drain

Ex eb : Ex ta IP66 : AEx eb : AEx ta



PRODUCT DESCRIPTION

"ACDP" Series Breather Drains allow an enclosure to breathe with the surrounding atmosphere while providing a controlled path for moisture drainage. ACDP series Breather Drains maintain Ex eb method of protection and IP66 for IEC type applications. A Castellated Locknut and O-ring is supplied with every Breather Drain.

COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-7, EN 60079-31
IEC 60079-0, IEC 60079-7, IEC 60079-31 & IEC 60529
C22.2 (see certificate), UL 514B, ANSI/UL 60079-0, UL 60079-7, UL 60079-31

CERTIFICATION:

UKEX	I M2 II 1D 2G Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
ATEX	I M2 II 1D 2G Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
IECEX	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
UL	Class I Zone 1 AEx eb IIC Gb / Zone 20 AEx ta IIIC Da
CEC - Canada	Ex eb IIC / Ex ta IIIC
NEC - USA	Class I Zone 1 AEx eb IIC Gb / Zone 20 AEx ta IIIC Da
EAC	PB Ex eb I Mb X / 1Ex eb IIC Gb X / Ex ta IIIC Da X
INMETRO - Brazil	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
CoC - China	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
UKRAINE	I M2 Ex eb I Mb / II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
CCoE - India	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
ECAS-Ex - U.A.E	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
ABS	Specified ABS Rules
LLOYD'S	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
DNV	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da

CERTIFICATION NO.:

UKEX	CML 21UKEX3029X
ATEX	CML 19ATEX3347X
IECEX	IECEX CML 19.0105X
UL	E340660
CEC - Canada	CSA 2310046
NEC - USA	CSA 2310046
EAC	RU C-GB.AX58.B.05106/24
INMETRO - Brazil	NCC 13.2191 X
CoC - China	CNEX21.5374X
UKRAINE	CLJ 18.0319 X
CCoE - India	PESO P365300/8
ECAS-Ex - U.A.E	25-06-153223/E25-06-159811/NB0007
ABS	25-0158110-PDA
LLOYD'S	LR25189453TA
DNV	TAE00004XK

BREATHER DRAIN SELECTION TABLE (ALL DIMENSIONS IN mm)

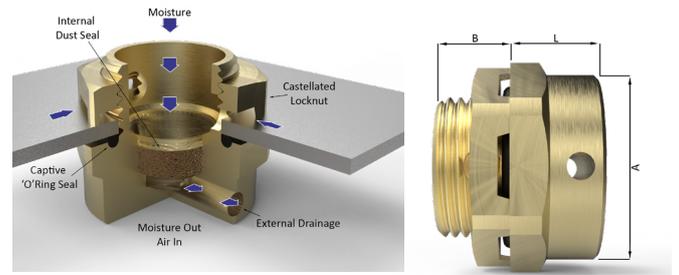
Thread Size	A/F [A]	A/C	Length [B]	Length [L]	Weight (Kgs)
M12 x 1.5	19.0	20.9	10 or 15	12.0	0.032
M16 x 1.5	24.0	26.4	10 or 15	12.0	0.052
M20 x 1.5	27.0	29.7	10 or 15	12.0	0.065
M25 x 1.5	31.8	34.9	10 or 15	12.0	0.097
M32 x 1.5	37.6	41.3	10 or 15	12.0	0.107
1/2" NPT	28.6	31.4	15	12.0	0.075
3/4" NPT	33.0	36.3	15	12.0	0.107

NOTES

- Assembly instructions must be read prior to installation and adhered to in full.
- The standard O-ring material is nitrile. Other options are available upon request.
- Aluminium versions are not suitable for Group I Mining application.
- The breather drain incorporates a porous bronze sintered element as standard which allows pressure equalisation while providing a controlled path for moisture drainage. Drainage performance may vary depending on hydrostatic pressure and environmental conditions.
- To maintain the specified IP rating, clearance holes must be in accordance with EN 62444 and the entry device should be suitably secured.
- Peppers supply products with parallel entry threads that conform to the flameproof threaded joint



PRODUCT TYPE ACDP



EXAMPLE PART NUMBERING: ACDP/BE/MP/M20/10

ACDP	Breather Drain c/w Castellated Locknut
1	No IP O-ring (0) - Nitrile (1) - Silicone (3)
B	Brass (B) - Stainless Steel (S) - Aluminium (A)
E	Multiple Certification
NP	Nickel Plated
M20	Male Entry Thread
10	Entry Thread Length 10mm or 15mm
X	No Castellated Locknut (X) - Stainless Steel Sinter (S)

IP RATING:	IP66
OPERATING TEMPERATURE:	O-ring - None -100°C to +400°C O-ring - Nitrile -30°C to +100°C O-ring - Silicone -60°C to +200°C
MATERIALS:	Brass, Stainless Steel or Aluminium
PLATING:	Electroless Nickel

requirements of IEC/EN 60079-1 and other equivalent standards. We usually incorporate a thread run out according to the general machining techniques and will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.

- Where approval in addition to UKEX, ATEX, IECEx, UL and CSA is required, this must be clearly requested at time of enquiry / order.