

Product Type ACDP - (Metallic Breather Drain)

 Ex e : Ex ta
 IP66 : AEx e : AEx ta

Part No's:

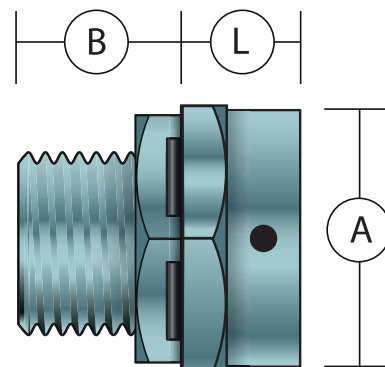
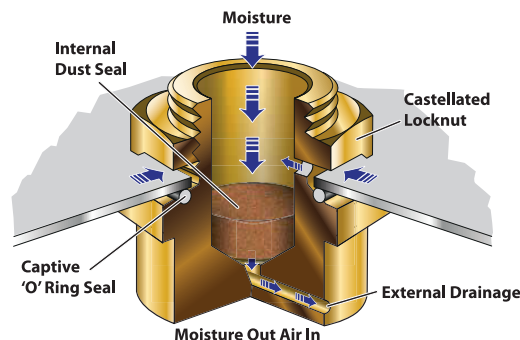
ACDP	0	B	E
	1	S	
	3	A	



"ACDP" Series Breather Drains allow the inside of the equipment to breathe with the outside atmosphere and provide a method of effectively draining any moisture from within the equipment. ACDP series Breather Drains maintain Ex e method of protection and IP66 for IEC type applications. A Castellated Locknut and O-ring is supplied with every Breather Drain.

Compliance Standard: EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31
 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-15, IEC 60079-31 & 60529
 C22.2 (see certificate), UL514B, UL1203, ANSI/UL 60079-0/1/7, ISA 60079-31, UL 50E

Certification: ATEX I M2 II 2GD Ex eb I Mb / Ex eb IIC Gb / Ex ta IIC Da
 IECEx Ex eb I Mb / Ex eb IIC Gb / Ex ta IIC Da
 CEC - Canada Class I Zone 1 Ex e IIC / Class II Zone 21 Ex tb IIIC
 NEC - USA Class I Zone 1 AEx e IIC Gb / Class II Zone 21 AEx tb IIIC Db
 EAC Exe IU / Exe IIU
 INMETRO - Brazil Exeb I Mb / Ex eb IIC Gb / Ex ta IIC Da
 SAC - China Ex e IIC
 UKRAINE Exe IU / Exe IIU
 CCoE - India Ex e IIC Gc
 ABS Specified ABS Rules
 LLOYD'S Enclosure Systems (Part 1B)
 RMRS Part XI of Rules for sea-going ships (ed.2014)



Certificate No. ATEX SIRA09 ATEX3321X
 IECEx IECEx SIR 09.0132X
 CEC - Canada CSA 2310046
 NEC - USA CSA 2310046
 EAC RU C-GB.Г506.В.00098
 INMETRO - Brazil NCC 13.2189 X
 SAC - China NEPSI GYJ16.1407X
 UKRAINE UA.TR.047.C.0408-13 & 2937
 CCoE - India PESO P365300/8
 ABS 14-LD1183401-PDA
 LLOYD'S 10/00056(E1)
 RMRS 14.02755.315

IP Rating: IP66 & NEMA 4X

Impact Resistance: 20Nm (Aluminium 7Nm)

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

Flow Rate: 0.25 Litres per Hour

Example Part Numbering
 (See below for details)

ACDP1BE/NP/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	Ex e certification including Marine Approvals
NP	Nickel Plated
M20	Male Entry Thread
10	Entry Thread Length 10mm or 15mm

Dimension Data					
Thread Size	A/F	A/C [A]	Length [B]	Length [L]	Weight
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
All dimensions in mm / weight in kgs (for 10mm metric versions)					

- Notes:**
- * Assembly instructions must be read prior to installation and adhered to in full.
 - * The ACDP flow rate was obtained from testing in an empty enclosure filled with water. The enclosure had no heat or pressure producing equipment inside. Flow rates in the field may vary depending on operational parameters and surrounding 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.
 - * IECEx / ATEX versions are supplied as standard. If additional approvals are required they must be requested at time of order.
 - * The standard O-ring material is nitrile. Other options are available upon request.
 - * All Breather Drains are supplied with Castellated locknut as standard.
 - * Aluminium versions are not suitable for Group I Mining application.