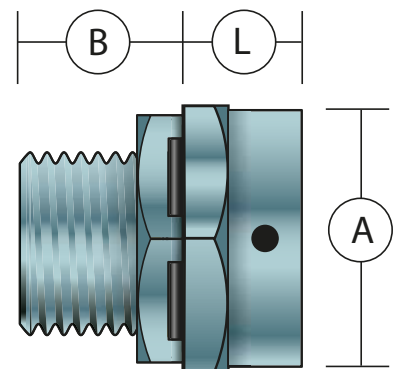
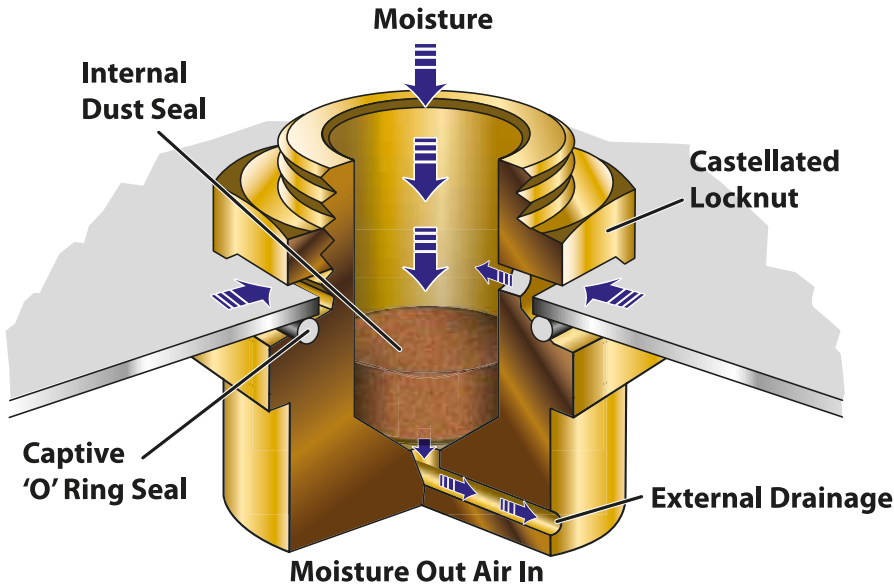


ACDP Series Metallic Breather Drains

“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 60079-7, EN 60079-31
 IEC 60079-0, IEC 60079-7, IEC 60079-31 & 60529
- Certification:** ATEX I M2 II 2GD Exe I&IIC Mb Gb / Ex tb IIIC Db
 IECEX Ex e I&IIC / Ex tb IIIC
 CSA Ex e II
 GOST-R Ex e I&IIU
- Marine Approvals:** LLOYDS Enclosure Systems - Part 1B
 RMRS Part XI of Rules for sea-going ships (ed.2008)
- Certificate No.** ATEX SIR A 09ATEX3321U
 IECEX SIR 09.0132U
 CSA 2310046
 GOST-R POCC GB.ГБ06.В00853
 LLOYDS 10/00056
 RMRS 09.00784.011
- IP Rating:** IP66
- Impact Resistance:** 20Nm (Aluminium 7Nm)
- Flow Rate:** 0.25 Litres per Hour
- Operating Temperature:** O-ring - Nitrile -30°C to +100°C
 O-ring - Silicone -60°C to +200°C
- Materials:** Brass, Stainless Steel or Aluminium
- Plating:** Nickel - Zinc

Example Part Numbering ACDP1BE/NP/M20/10
 (See below for details)

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
NP	Nickel Plated (NP) - Zinc Plated (ZP)
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
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 50262 Table 1 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.