

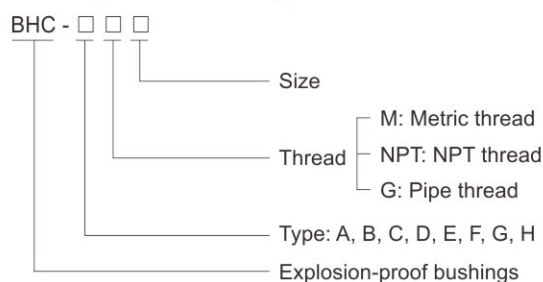
Accessories for Installation

BHC Series Explosion-proof Aluminium Alloy Bushings



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Ex e enclosure, copper-free Aluminium Alloy, powder coated surface.
- ◆ Widely used for connection in steel pipe wiring system.

Catalogue number logic



Technical data

Explosion-proof aluminium alloy bushings BHC-□□□

Explosion protection

Global (IECEX)
Gas and dust

Europe (ATEX)
Gas and dust

Certificates

Conformity to standards

Enclosure material

Enclosure colour

Degree of protection

Ambient temperature

Type

Connection thread

IECEX CNEX 18.0028U

Ex eb IIC Gb

Ex tb IIIC Db

CNEX 18 ATEX 0022U

Ex II 2 G Ex eb IIC Gb

Ex II 2 D Ex tb IIIC Db

IECEX; ATEX; CU-TR

EN 60079-0, EN 60079-7, EN 60079-31

IEC 60079-0, IEC 60079-7, IEC 60079-31

Copper-free Aluminium Alloy, powder coated surface.

Window grey (RAL7040)

IP66

-60°C~+100°C

A, B, C, D, E, F, G, H

1. Metric thread is standard type; G thread or NPT thread is optional.

2. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

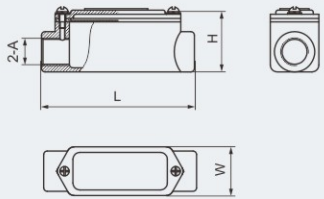
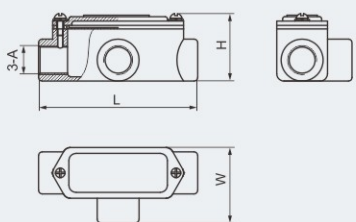
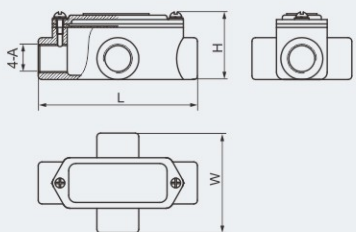
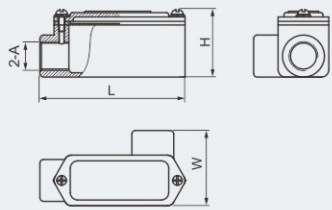
Note: M75, M90, M115 equivalent G thread and NPT thread can be customized.

Zones 1&2; 21&22

Accessories for Installation

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Selection table

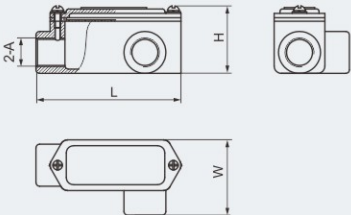
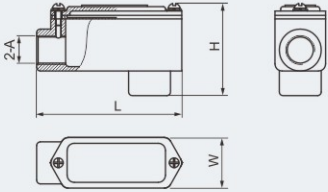
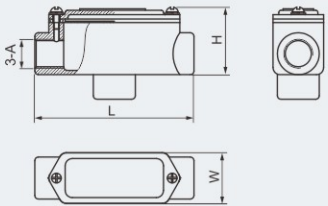
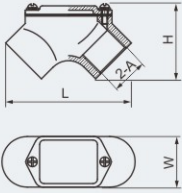
Version	Female thread "A"			Dimensions (mm)			Ordering code	Weight (kg)
	Metric	NPT	G	W	H	L		
 Type A	M20	1/2"	1/2"	35	45	110	701001	0.15
	M25	3/4"	3/4"	38	49	118	701002	0.20
	M32	1"	1"	45	54	145	701003	0.35
	M40	1 1/4"	1 1/4"	54	65	170	701004	0.50
	M50	1 1/2"	1 1/2"	60	71	176	701005	0.60
	M63	2"	2"	72	83	204	701006	0.65
 Type B	M20	1/2"	1/2"	52	45	110	701007	0.20
	M25	3/4"	3/4"	55	49	118	701008	0.20
	M32	1"	1"	63.5	54	145	701009	0.35
	M40	1 1/4"	1 1/4"	71	65	170	701010	0.50
	M50	1 1/2"	1 1/2"	80	71	176	701011	0.65
	M63	2"	2"	93.5	83	204	701012	1.20
 Type C	M20	1/2"	1/2"	69	45	110	701013	0.20
	M25	3/4"	3/4"	72	49	118	701014	0.25
	M32	1"	1"	80	54	145	701015	0.40
	M40	1 1/4"	1 1/4"	88	65	170	701016	0.55
	M50	1 1/2"	1 1/2"	100	71	176	701017	0.65
	M63	2"	2"	115	83	204	701018	1.20
 Type D	M20	1/2"	1/2"	52	45	101	701019	0.20
	M25	3/4"	3/4"	55	49	108	701020	0.20
	M32	1"	1"	63	54	135	701021	0.35
	M40	1 1/4"	1 1/4"	71	65	162.5	701022	0.50
	M50	1 1/2"	1 1/2"	80	71	165.5	701023	0.60
	M63	2"	2"	93.5	83	194.5	701024	1.20



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Version	Female thread "A"			Dimensions (mm)			Ordering code	Weight (kg)
	Metric	NPT	G	W	H	L		
 Type E	M20	1/2"	1/2"	52	45	101	701025	0.20
	M25	3/4"	3/4"	55	49	108	701026	0.20
	M32	1"	1"	63	54	135	701027	0.35
	M40	1 1/4"	1 1/4"	71	65	162.5	701028	0.50
	M50	1 1/2"	1 1/2"	80	71	165.5	701029	0.60
	M63	2"	2"	93.5	83	194.5	701030	1.20
 Type F	M20	1/2"	1/2"	35	62	101	701031	0.20
	M25	3/4"	3/4"	38	66	108	701032	0.20
	M32	1"	1"	46	71	135	701033	0.50
	M40	1 1/4"	1 1/4"	54	82	162.5	701034	0.50
	M50	1 1/2"	1 1/2"	60	91	165.5	701035	0.60
	M63	2"	2"	72	104	194.5	701036	1.15
 Type G	M20	1/2"	1/2"	35	62	110	701037	0.20
	M25	3/4"	3/4"	38	66	118	701038	0.20
	M32	1"	1"	46	71	145	701039	0.35
	M40	1 1/4"	1 1/4"	54	82	170	701040	0.50
	M50	1 1/2"	1 1/2"	60	91	176	701041	0.60
	M63	2"	2"	72	104	204	701042	1.20
 Type H	M20	1/2"	1/2"	30	51	84	701043	0.10
	M25	3/4"	3/4"	35	53	89	701044	0.15
	M32	1"	1"	41	64	108	701045	0.25
	M40	1 1/4"	1 1/4"	51	69	116	701046	0.25
	M50	1 1/2"	1 1/2"	57	76	130	701047	0.35
	M63	2"	2"	70	95	168	701048	0.55