

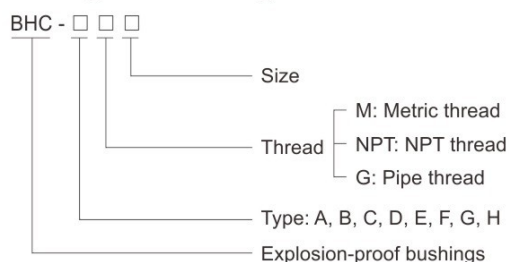
Accessories for Installation

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	IECEX CNEX 18.0028U
Global (IECEX)	Ex eb IIC Gb
Gas and dust	Ex tb IIIC Db
Europe (ATEX)	CNEX 18 ATEX 0022U
Gas and dust	Ex II 2 G Ex eb IIC Gb
Certificates	Ex II 2 D Ex tb IIIC Db
Conformity to standards	IECEX; ATEX; CU-TR
Enclosure material	EN 60079-0, EN 60079-7, EN 60079-31
Enclosure colour	IEC 60079-0, IEC 60079-7, IEC 60079-31
Degree of protection	Copper-free Aluminium Alloy, powder coated surface.
Ambient temperature	Window grey (RAL7040)
Type	IP66
Connection thread	-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.

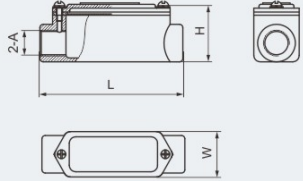
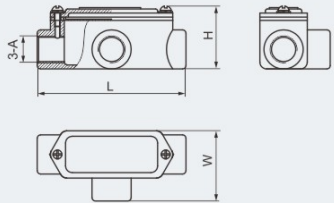
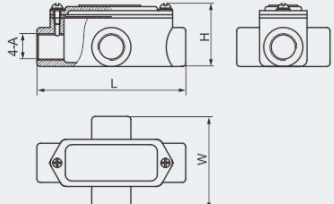
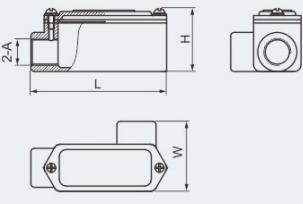
Note: M75, M90, M115 equivalent G thread and NPT thread can be customized.

Zones 1&2; 21&22

Accessories for Installation

BHC Series Explosion-proof Aluminium Alloy Bushings

Selection table

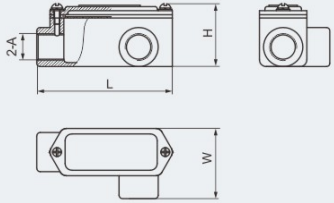
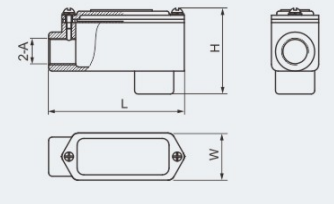
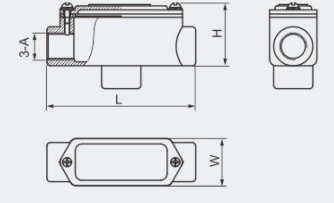
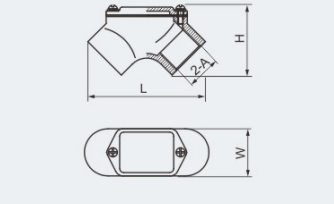
Version	Female thread "A"			Dimensions (mm)			Ordering code	Weight (kg)
	Metric	NPT	G	W	H	L		
 Type A	M20	1/2"	1/2"	35	45	110	701001	0.15
	M25	3/4"	3/4"	38	49	118	701002	0.20
	M32	1"	1"	45	54	145	701003	0.35
	M40	1 1/4"	1 1/4"	54	65	170	701004	0.50
	M50	1 1/2"	1 1/2"	60	71	176	701005	0.60
	M63	2"	2"	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



Accessories for Installation

BHC Series Explosion-proof Aluminium Alloy Bushings

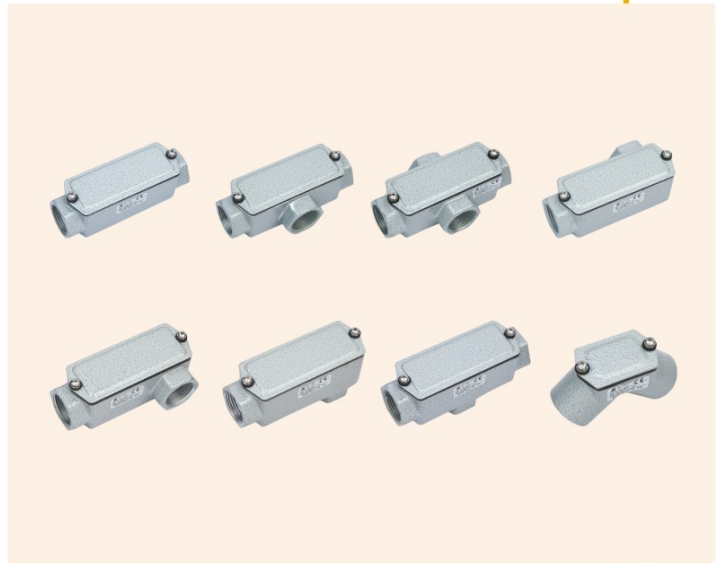
Selection table

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

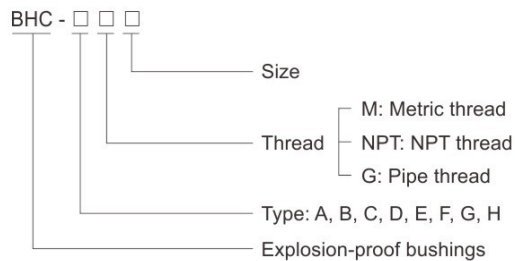
Accessories for Installation

BHC Series Explosion-proof Cast Iron 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, cast iron, powder coated surface.
- ◆ Widely used for connection in steel pipe wiring system.



Catalogue number logic



Technical data

Explosion-proof cast iron bushings BHC-□□□

Explosion protection	
Global (IECEX)	IECEX CNEX 18.0028U
Gas and dust	Ex eb IIC Gb
	Ex tb IIIC Db IP66
Europe (ATEX)	CNEX 18 ATEX 0022U
Gas and dust	Ex II 2 G Ex eb IIC Gb
	Ex II 2 D Ex tb IIIC Db IP66
Certificates	IECEX; ATEX; CU-TR
Conformity to standards	EN 60079-0, EN 60079-7, EN 60079-31
	IEC 60079-0, IEC 60079-7, IEC 60079-31
Enclosure material	Cast iron, powder coated surface.
Enclosure colour	Window grey (RAL7040)
Degree of protection	IP66
Ambient temperature	-60°C~+100°C
Type	A, B, C, D, E, F, G, H
Connection thread	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.

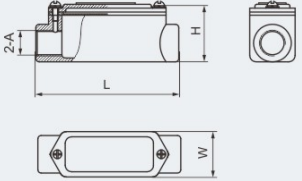
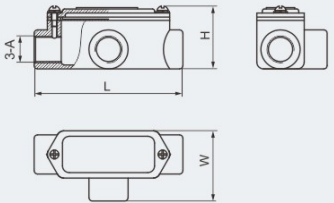
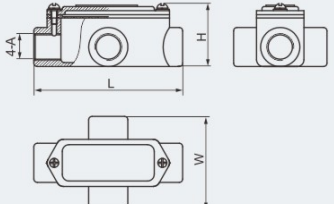
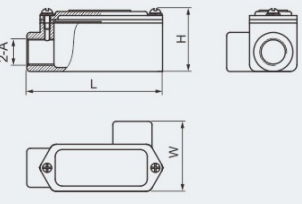


Zones 1&2; 21&22

Accessories for Installation

BHC Series Explosion-proof Cast Iron Bushings

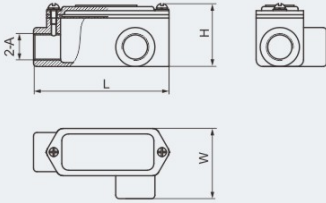
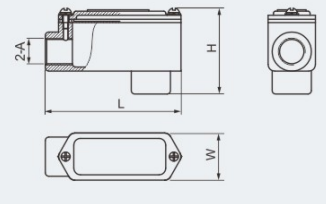
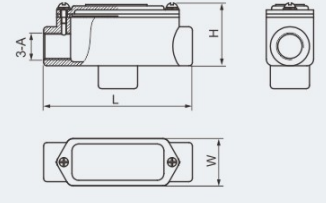
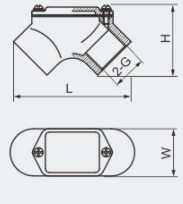
Selection table

Version	Female thread "A"			Dimensions (mm)			Ordering code	Weight (kg)
	Metric	NPT	G	W	H	L		
 Type A	M20	1/2"	1/2"	31	37	106	702001	0.55
	M25	3/4"	3/4"	35	42	120	702002	0.65
	M32	1"	1"	44	52	138	702003	0.85
	M40	1 1/4"	1 1/4"	53	62	164	702004	1.25
	M50	1 1/2"	1 1/2"	60	67	175	702005	1.50
	M63	2"	2"	75	82	200	702006	2.65
 Type B	M20	1/2"	1/2"	45	37	106	702007	0.60
	M25	3/4"	3/4"	50	42	120	702008	0.75
	M32	1"	1"	60	52	138	702009	1.00
	M40	1 1/4"	1 1/4"	73	62	164	702010	1.30
	M50	1 1/2"	1 1/2"	80	67	175	702011	1.60
	M63	2"	2"	95	82	200	702012	2.85
 Type C	M20	1/2"	1/2"	59	37	106	702013	0.65
	M25	3/4"	3/4"	65	42	120	702014	0.80
	M32	1"	1"	76	52	138	702015	1.15
	M40	1 1/4"	1 1/4"	93	62	164	702016	1.40
	M50	1 1/2"	1 1/2"	100	67	175	702017	1.70
	M63	2"	2"	115	82	200	702018	2.80
 Type D	M20	1/2"	1/2"	45	37	98.5	702019	0.55
	M25	3/4"	3/4"	50	42	110	702020	0.75
	M32	1"	1"	60	52	126	702021	0.85
	M40	1 1/4"	1 1/4"	73	62	149	702022	1.25
	M50	1 1/2"	1 1/2"	80	67	159	702023	1.55
	M63	2"	2"	95	82	183.5	702024	3.00

Accessories for Installation

BHC Series Explosion-proof Cast Iron Bushings

Selection table

Version	Female thread "A"			Dimensions (mm)			Ordering code	Weight (kg)
	Metric	NPT	G	W	H	L		
 Type E	M20	1/2"	1/2"	45	37	98.5	702025	0.55
	M25	3/4"	3/4"	50	42	110	702026	0.75
	M32	1"	1"	60	52	126	702027	0.90
	M40	1 1/4"	1 1/4"	73	62	149	702028	1.25
	M50	1 1/2"	1 1/2"	80	67	159	702029	1.65
	M63	2"	2"	95	82	183.5	702030	2.50
 Type F	M20	1/2"	1/2"	31	41	98.5	702031	0.55
	M25	3/4"	3/4"	35	57	110	702032	0.65
	M32	1"	1"	44	68	126	702033	0.95
	M40	1 1/4"	1 1/4"	53	82	149	702034	1.25
	M50	1 1/2"	1 1/2"	60	87	159	702035	1.55
	M63	2"	2"	75	102	183.5	702036	2.85
 Type G	M20	1/2"	1/2"	31	41	106	702037	0.55
	M25	3/4"	3/4"	35	57	120	702038	0.70
	M32	1"	1"	44	68	138	702039	0.95
	M40	1 1/4"	1 1/4"	53	82	164	702040	1.25
	M50	1 1/2"	1 1/2"	60	87	185	702041	1.25
	M63	2"	2"	75	102	200	702042	2.75
 Type H	M20	1/2"	1/2"	28	46	84	702043	0.30
	M25	3/4"	3/4"	33	50	86	702044	0.30
	M32	1"	1"	40	58	99	702045	0.45
	M40	1 1/4"	1 1/4"	48	78	122	702046	0.65
	M50	1 1/2"	1 1/2"	56	82	129	702047	0.80
	M63	2"	2"	69	78	158	702048	1.55

