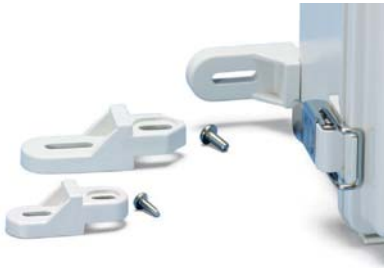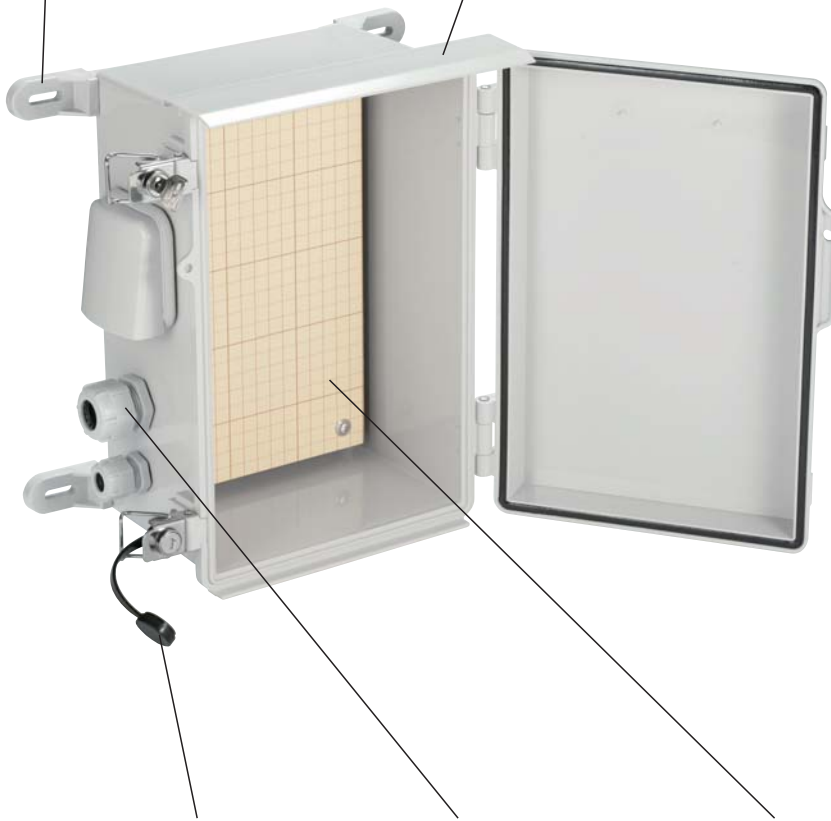# IP65 LATCH-HINGED PLASTIC BOX

Stainless steel and plastic mounting brackets are available.
See page 256

BCAR • BCPR series comes with an attachable BRF series outdoor roof.
See page 245 ~ 246 and 251 ~ 252

Pole mounting bracket for pole installation
See page 257 ~ 258

Dust protection cap (for lock/key type)
See page 252

Cable gland
For waterproofing enclosure openings for cables and wires
See page 265 ~ 272

Mounting plate
3 types of mounting plates are available (plastic / steel / wood)
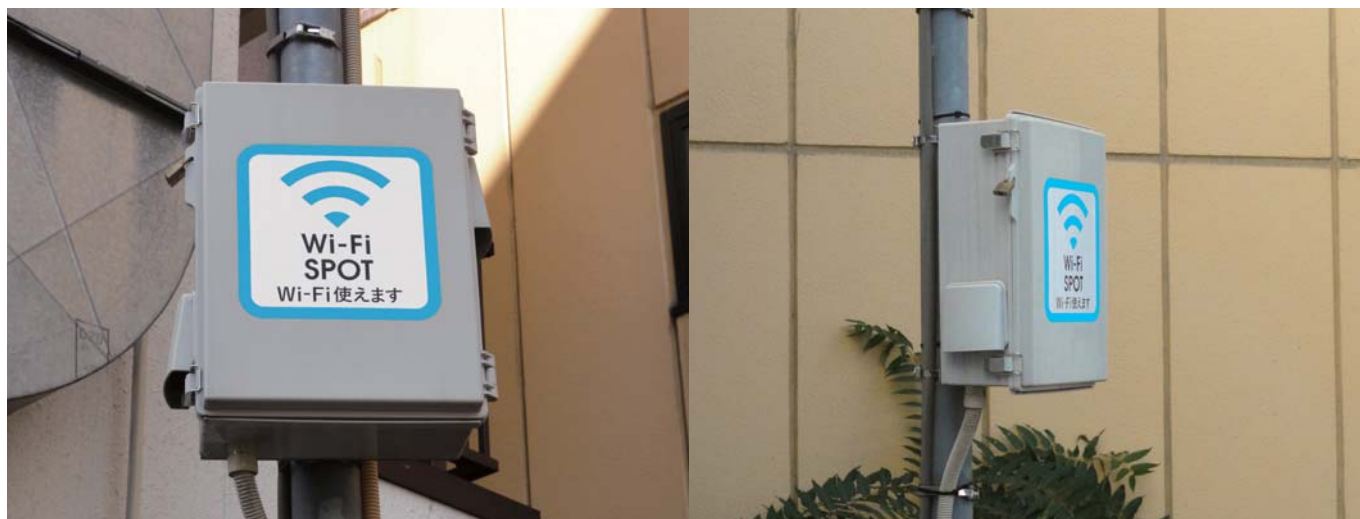See page 253 ~ 255

Ventilation cover
For heat dissipation and prevention of condensation build-up
See page 262

APPLICATION EXAMPLE

Universal plastic enclosure series suitable for a wide range of applications such as FA/control, electrical switchboard, network communication and so on.

OUTDOOR WiFi SPOT   Product by Spectra Quest Lab. (Japan)

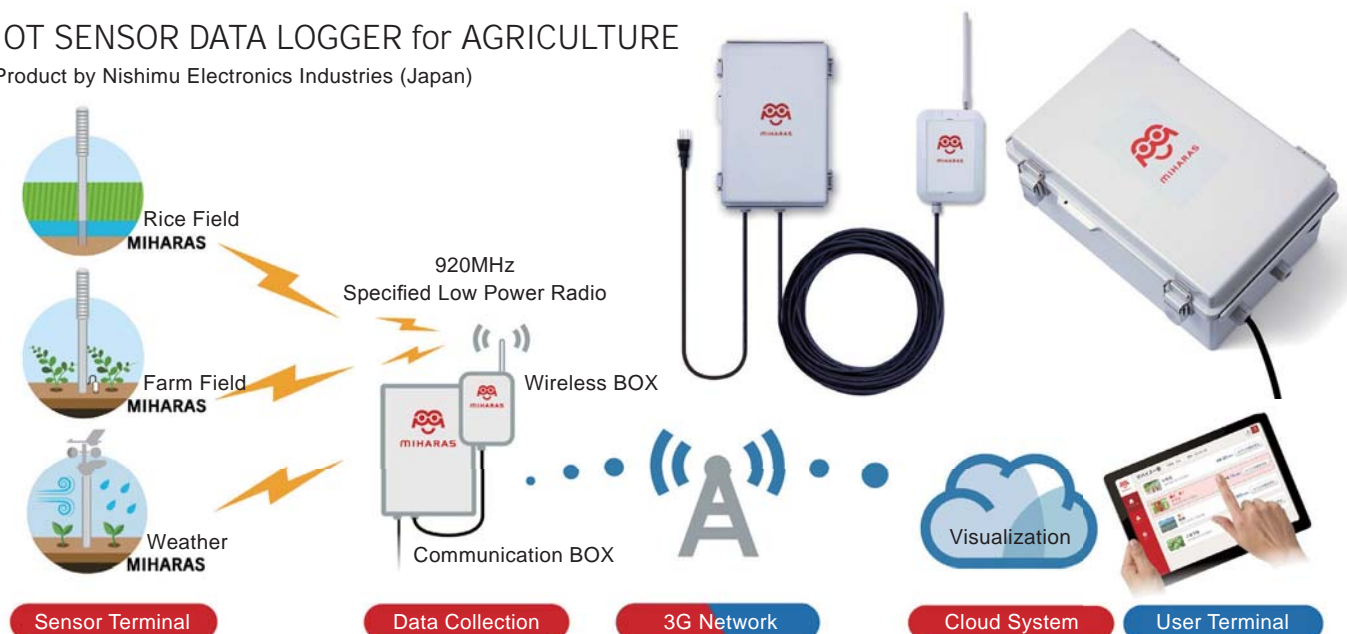## SOLAR POWER JUNCTION BOX   Product by Kansai Denki (Japan)

POWER SWITCHBOARD BOX

IOT SENSOR DATA LOGGER for AGRICULTURE

Product by Nishimu Electronics Industries (Japan)

Rice Field
MIHARAS

Farm Field
MIHARAS

Weather
MIHARAS

920MHz
Specified Low Power Radio

Wireless BOX

Communication BOX

Visualization

| Sensor Terminal | Data Collection | 3G Network | Cloud System | User Terminal |

Environmental Data Measurement and Controller Unit

Product by eSOL (Japan)

"SenSu" COMMUNICATION UNIT with SENSOR

Product by DATA TECHNOLOGY (Japan)

NETWORK SENSOR SYSTEM for AGRICULTURE

Product by CM Engineering (Japan)

WILDLIFE DAMAGE MONITORING SYSTEM

Product by CM Engineering (Japan)

VALVE CONTROLLER
Product by EXEN (Japan)

BUILDING SURVEILLANCE UNIT
Product by Showa Denki (Japan)

DIGITAL PRESSURE GAUGE
Product by KRONE CORPORATION (Japan)

RADIATION MONITOR

POWER SAVER for AIR CONDITIONING

Product by Synapes (Japan)

ANEMOMETER
Product by Fieldpro (Japan)

WATER GAUGE
Product by Fieldpro (Japan)

GROUND EXTENSOMETER
Product by GeotechService (Japan)

MONITORING CAMERA
Product by ACE PROMOTION (Japan)

BCPK SERIES | IP65 POLYCARBONATE PLASTIC BOX with LOCK

NEW COLOR

Technical Data

Protection class : IP65
Operating temperature : -20°C ~ +75°C

CE ⒰L IP65

※Lock types vary according to box size.

Box size
BCPK091207 ~ 172711
BCPK212110 and 212113

Box size
BCPK192810 ~ 203018
BCPK253515 and 608028

- Lockable enclosure best used for tamper prevention in FA, control box, and network communication fields.
- BCPK polycarbonate box is resistant against heat and flames.
- Transparent type is not available for BCPK507018, 507025, 608018, and 608028 models.

Components

■ Box UL class = UL94V-0

No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	Polycarbonate	Light gray • Transparent
2	Base	1	Glass fiber filled polycarbonate	Light gray
3	Gasket	1	Polyurethane	Black
4	Latch	1 ~ 3	Stainless steel	Unfinished
5	Screw	2 ~ 8	Steel	Trivalent chromate
6	Key	1 ~ 2	Diecast zinc • Brass	Chrome plated • Nickel plated

■ Stainless steel mounting brackets are included together with the following models: 506018, 506025, 507018, 507025, 608018, and 608028.
■ Quantity of keys provided vary by the number of locks present.

Color Type

Color code	Cover color / Material	Base color / Material
BCPK S	Light gray / Polycarbonate	Light gray / Glass fiber filled polycarbonate
NEW BCPK T	Transparent / Polycarbonate	Light gray / Glass fiber filled polycarbonate

■ Please suffix color code at the end of the product number.
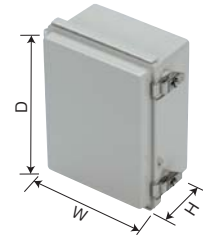
Product no. / Dimensions

Product no.	W	D	H	Weight (g)	
				S	T
BCPK091207☐	90	120	70	242	237
BCPK091208☐	90	120	85	264	261
BCPK101507☐	100	150	70	339	337
BCPK101508☐	100	150	85	360	355
BCPK112107☐	110	210	75	437	444
BCPK112110☐	110	210	100	501	509
BCPK112607☐	110	260	75	520	528
BCPK112610☐	110	260	100.5	585	594
BCPK131508☐	135	155	85	430	421
BCPK131808☐	135	185	85.5	474	475
BCPK131810☐	135	185	100.5	471	478
BCPK151509☐	150	150	90	419	422
BCPK151512☐	150	150	120.5	507	508
BCPK162110☐	160	210	100	563	572
BCPK162113☐	160	210	130	630	639
BCPK162610☐	160	260	100	728	738
BCPK162613☐	160	260	130	805	825
BCPK172211☐	170	220	110.5	664	681
BCPK172711☐	170	270	110.5	771	794
BCPK192810☐	190	280	100.5	875	900
BCPK192814☐	190	280	141	1,065	1,094
BCPK203013☐	200	300	131.5	1,090	1,119
BCPK203015☐	200	300	151.5	1,182	1,214
BCPK203018☐	200	300	180.5	1,295	1,330
BCPK212110☐	210	210	100	743	756
BCPK212113☐	210	210	130	822	847
BCPK253515☐	250	350	151	1,559	1,606
BCPK253518☐	250	350	181.5	1,670	1,720
BCPK282813☐	280	280	130.5	1,391	1,433
BCPK283813☐	280	380	130	1,811	1,733
BCPK303015☐	300	300	151	1,670	1,682
BCPK303018☐	300	300	181	1,782	1,795
BCPK304012☐	300	400	121	1,858	1,872
BCPK304015☐	300	400	150	1,912	1,926
BCPK304018☐	300	400	181	2,083	2,098
BCPK353515☐	350	350	150	2,067	1,999
BCPK353518☐	350	350	181	2,175	2,163
BCPK354512☐	350	450	120	2,442	2,429
BCPK354516☐	350	450	160	2,863	2,848
BCPK354520☐	350	450	201	3,156	3,140
BCPK405016☐	400	500	160	3,149	3,152
BCPK405020☐	400	500	201	3,725	3,729
BCPK406018☐	400	600	181	4,159	4,164
BCPK406023☐	400	600	231	4,639	4,645
BCPK506018☐	530	630	185	5,339	6,151
BCPK506025☐	530	630	255	7,136	8,220
BCPK507018S	530	730	188	7,470	—
BCPK507025S	530	730	255	8,260	—
BCPK608018S	630	830	188	9,880	—
BCPK608028S	630	830	288	11,610	—

■ BCPK507018, 507025, 608018, 608028 models are only available as S color type. ■ Refer to page 247 ~ 250 for detailed dimensions.

Accessories (Optional parts)

Dust protection cap BCC series
See page 252

Mounting plate BMP series
See page 253 ~ 255

Mounting bracket CK • BFL series
See page 256
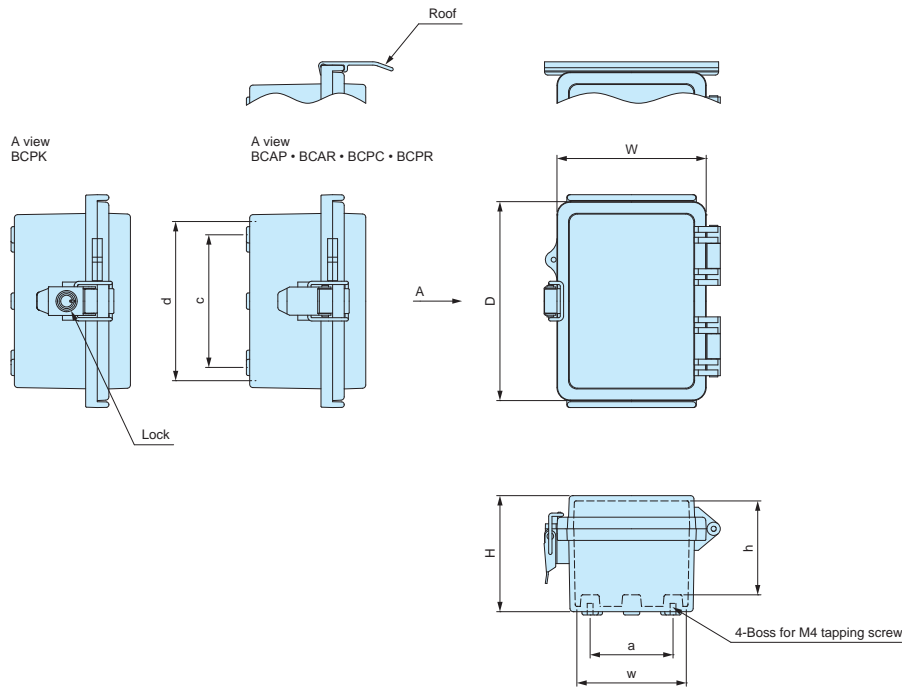
Cable gland
See page 265 ~ 272

Ventilation part
See page 259 ~ 262
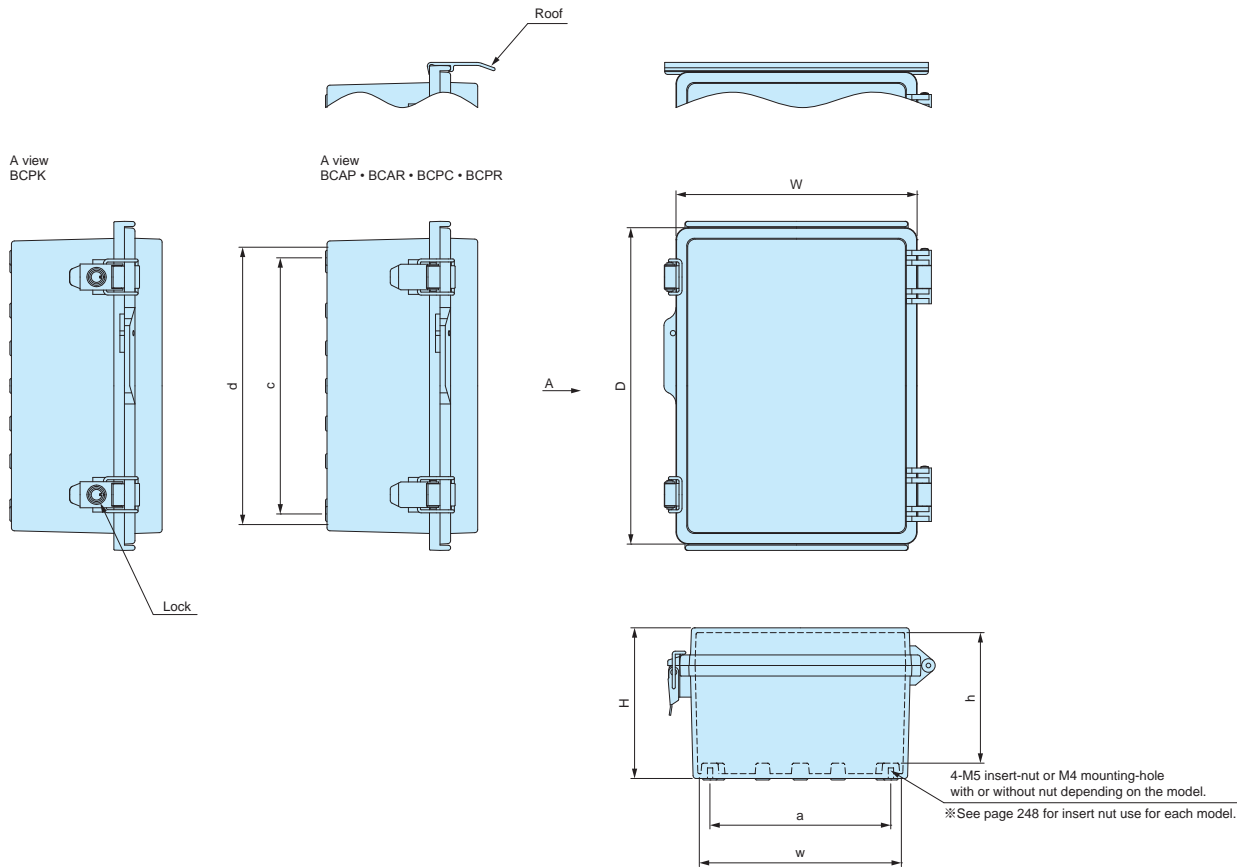
BCAP • BCAR • BCPC • BCPK • BCPR dimensions

■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.

091207, 091208

Roof

A view
BCPK

A view
BCAP • BCAR • BCPC • BCPR

Lock

W

A

D

H

h

a

w

4-Boss for M4 tapping screw

Product no.	W	D	H	Available range			Bottom hole pitch	
				w	d	h	a	c
BCAP • R, BCPC • K • R091207	90	120	70	66	96	56.5	50	80
BCAP • R, BCPC • K • R091208	90	120	85	66	96	71.5	50	80

101507 ~ 405020

Not available for BCAR • BCPR 151509, 151512, 405016, and 405020 models.

Roof

A view
BCPK

A view
BCAP • BCAR • BCPC • BCPR

Lock

d

c

A

W

D

H

h

a

w

4-M5 insert-nut or M4 mounting-hole
with or without nut depending on the model.
※See page 248 for insert nut use for each model.

■ Inner bosses vary according to box size.
Refer to DXF/DWG/PDF drawings for more details.

APPLICATION EXAMPLE

SURVEILLANCE VIDEO DATA CLOUD ROUTER
Product by LIVELOCK TECHNOLOGIES (Japan)

Product no.	W	D	H	Available range			Bottom hole pitch		Insert nut
				w	d	h	a	c	
BCAP・R, BCPC・K・R101507	100	150	70	76	126	56.5	60	110	without
BCAP・R, BCPC・K・R101508	100	150	85	75.5	125.5	71.5	60	110	without
BCAP・R, BCPC・K・R112107	110	210	75	85.8	185.8	61.5	70	170	without
BCAP・R, BCPC・K・R112110	110	210	100	84.9	184.9	86.5	70	170	without
BCAP・R, BCPC・K・R112607	110	260	75	85.8	235.8	61.5	70	220	without
BCAP・R, BCPC・K・R112610	110	260	100.5	85.1	234.9	87.2	70	220	without
BCAP・R, BCPC・K・R131508	135	155	85	110.5	130.5	71.5	95	115	without
BCAP・R, BCPC・K・R131808	135	185	85.5	110.4	160.4	72.2	95	145	without
BCAP・R, BCPC・K・R131810	135	185	100.5	110.4	160.4	87.1	95	145	without
BCAP,　　BCPC・K　151509	150	150	90	125.7	125.7	75.5	120	120	without
BCAP,　　BCPC・K　151512	150	150	120.5	124	124	106	117	117	without
BCAP・R, BCPC・K・R162110	160	210	100	134	184	86.6	120	170	without
BCAP・R, BCPC・K・R162113	160	210	130	134	184	116.5	120	170	without
BCAP・R, BCPC・K・R162610	160	260	100	135.1	235.1	86.6	120	220	without
BCAP・R, BCPC・K・R162613	160	260	130	134	234	116.6	120	220	without
BCAP・R, BCPC・K・R172211	170	220	110.5	144.9	194.9	96.1	132	182	without
BCAP・R, BCPC・K・R172711	170	270	110.5	144.9	244.9	96.1	132	232	without
BCAP・R, BCPC・K・R192810	190	280	100.5	165.3	255.3	84.1	148	238	with
BCAP・R, BCPC・K・R192814	190	280	141	164.2	254.2	124.6	148	238	with
BCAP・R, BCPC・K・R203013	200	300	131.5	173.5	273.5	115.1	152	252	with
BCAP・R, BCPC・K・R203015	200	300	151.5	173.5	273.5	135.1	152	252	with
BCAP・R, BCPC・K・R203018	200	300	180.5	172.4	272.3	164.1	152	252	with
BCAP・R, BCPC・K・R212110	210	210	100	185.1	185.1	86.6	170	170	without
BCAP・R, BCPC・K・R212113	210	210	130	184	184	116.6	170	170	without
BCAP・R, BCPC・K・R253515	250	350	151	222.5	322.5	135.3	206	306	with
BCAP・R, BCPC・K・R253518	250	350	181.5	222.5	322.5	165.8	206	306	with
BCAP・R, BCPC・K・R282813	280	280	130.5	254	254	113.6	238	238	with
BCAP・R, BCPC・K・R283813	280	380	130	254	354	113.6	238	338	with
BCAP・R, BCPC・K・R303015	300	300	151	273	273	134.3	256	256	with
BCAP・R, BCPC・K・R303018	300	300	181	272.5	272.5	164.3	256	256	with
BCAP・R, BCPC・K・R304012	300	400	121	274.1	374.6	104.6	252	352	with
BCAP・R, BCPC・K・R304015	300	400	150	273.5	373.5	133.6	252	352	with
BCAP・R, BCPC・K・R304018	300	400	181	272.5	372.5	164.6	252	352	with
BCAP・R, BCPC・K・R353515	350	350	150	323.6	323.6	133.6	302	302	with
BCAP・R, BCPC・K・R353518	350	350	181	322.5	322.5	164.6	302	302	with
BCAP・R, BCPC・K・R354512	350	450	120	316.7	416.7	103.5	302	402	with
BCAP・R, BCPC・K・R354516	350	450	160	308.7	414.7	142.6	302	402	with
BCAP・R, BCPC・K・R354520	350	450	201	306.9	412.8	183.6	302	402	with
BCAP,　　BCPC・K　405016	400	500	160	360.4	466.6	144	352	452	with
BCAP,　　BCPC・K　405020	400	500	201	359.4	465.5	184	352.5	452.5	with

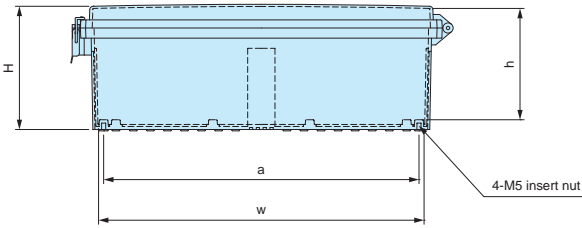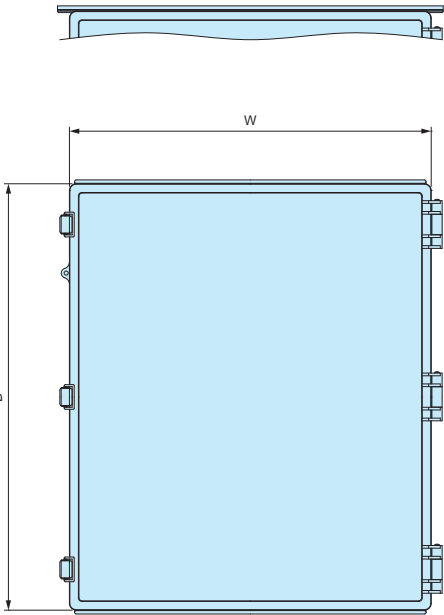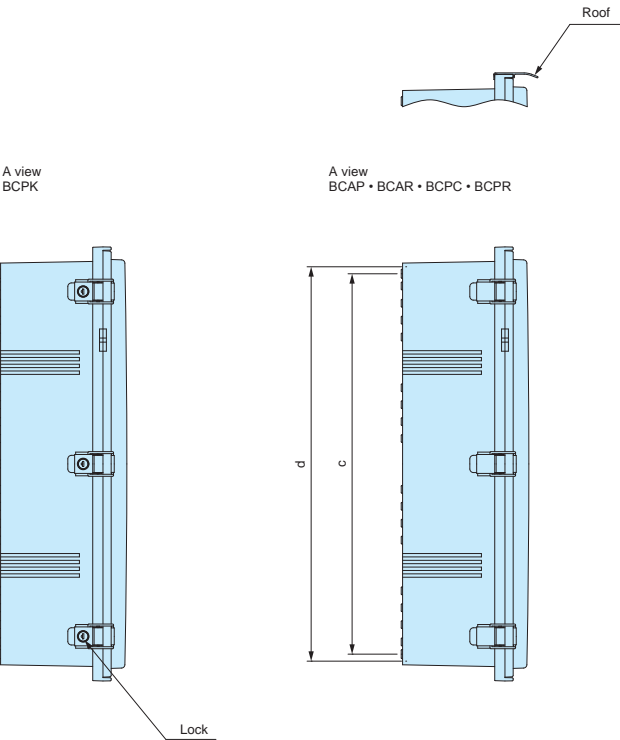## BCAP • BCAR • BCPC • BCPK • BCPR dimensions

406018 ~ 507025
Not available for BCAR • BCPR 406018 and 406023 models.

■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.

■ Inner bosses vary according to box size.
Refer to DXF/DWG/PDF drawings for more details.

Roof

A view
BCPK

A view
BCAP • BCAR • BCPC • BCPR

Lock

A

W

D

H

h

a

w

4-M5 insert nut

Attention when locking the latch

1. Close latches on both ends first.

2. Close center latch next.

※ Closing the center latch first may create a non-watertight seal.

Center latch must be closed last!
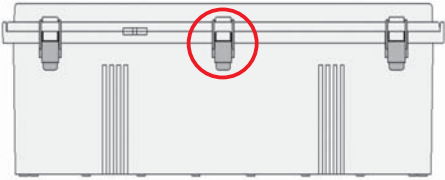
| Product no.	W	D	H	Available range			Bottom hole pitch	
				w	d	h	a	c
BCAP,　　BCPC • K　　406018	400	600	181	358.6	565.9	163.8	352.5	552.5
BCAP,　　BCPC • K　　406023	400	600	231	356.9	564.1	213.8	352	552.5
BCAP • R,　BCPC • K • R506018	530	630	185	476.8	576.8	163.6	462	562
BCAP • R,　BCPC • K • R506025	530	630	255	474.6	574.6	233.6	462	562
BCAP • R,　BCPC • K • R507018	530	730	188	477	677	166.1	462	662
BCAP • R,　BCPC • K • R507025	530	730	255	475	676.2	236	462	662

608018, 608028

Roof

A view
BCPK

A view
BCAP • BCAR • BCPC • BCPR

Lock

W

D

d

c

A

H

h

a

w

4-M6 insert nut

Attention when locking the latch

1. Close latches on both ends first.

2. Close center latch next.

※ Closing the center latch first may create a non-watertight seal.

Center latch must be closed last!

Product no.	W	D	H	Available range			Bottom hole pitch	
				w	d	h	a	c
BCAP • R, BCPC • K • R608018	630	830	188	575	777	165.6	562	762
BCAP • R, BCPC • K • R608028	630	830	288	573.5	773.5	265.8	562	762

Included stainless steel mounting brackets for 506018, 506025, 507018, 507025, 608018 and 608028

58

Φ5

37.2

Φ7.8

25

15.2

2

10

Part name	Pcs	Material	Color / Finish
Mounting bracket	6	Stainless	Unfinished
Screw	6	Steel	Trivalent chromate

BRF SERIES | **OUTDOOR ROOF**

- Recommended to be used for outdoor environments for protection against rain etc.
- Snap-in easy installation.
- Available for BCAP and BCPC • BCPK series except
  151509, 151512, 405016, 405020, 406018, and 406023 models.

Color Type

| Color code	Material	Color / Finish	Suitable series
G	PVC	White gray / Unpainted	BCAP
S	PVC	Light gray / Painted	BCPC • BCPK

BRF dimensions

Roof for 091207 ~ 353518
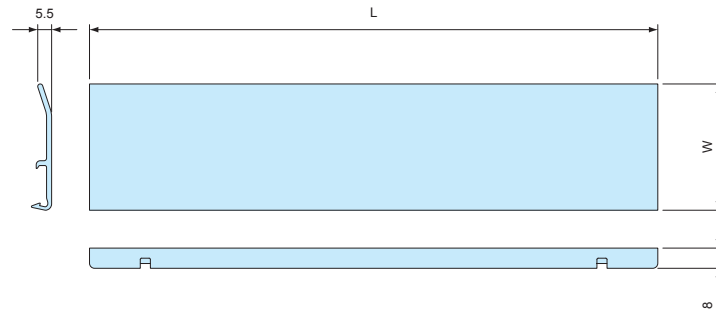
Product no. / Dimensions

■ Please suffix color code at the end of the product number.

Product no.	Suitable box	L	W
BRF- 90☐	BCAP • BCPC • BCPK 091207 091208	105	45
BRF-100☐	BCAP • BCPC • BCPK 101507 101508	115	45
BRF-110☐	BCAP • BCPC • BCPK 112107 112110 112607 112610	125	45
BRF-135☐	BCAP • BCPC • BCPK 131508 131808 131810	150	45
BRF-160☐	BCAP • BCPC • BCPK 162110 162113 162610 162613	175	45
BRF-170☐	BCAP • BCPC • BCPK 172211 172711	185	45
BRF-190☐	BCAP • BCPC • BCPK 192810 192814	205	45
BRF-210☐	BCAP • BCPC • BCPK 212110 212113	225	45
BRF-200☐	BCAP • BCPC • BCPK 203013 203015 203018	225	50
BRF-250☐	BCAP • BCPC • BCPK 253515 253518	275	50
BRF-280☐	BCAP • BCPC • BCPK 282813 283813	305	50
BRF-300☐	BCAP • BCPC • BCPK 303015 303018 304012 304015 304018	325	50
BRF-350☐	BCAP • BCPC • BCPK 353515 353518	375	50

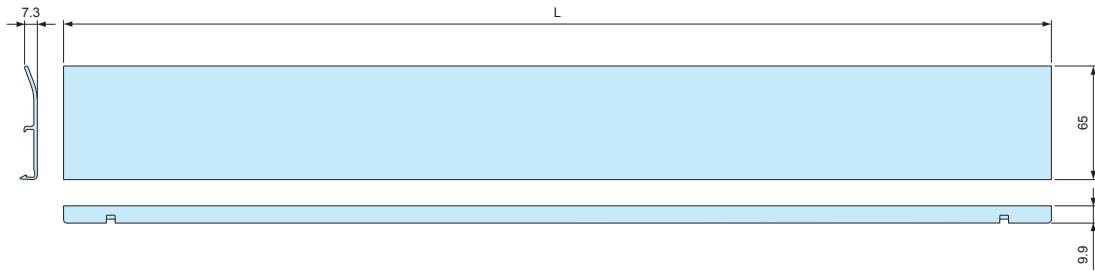Roof for 354512 ~ 354520
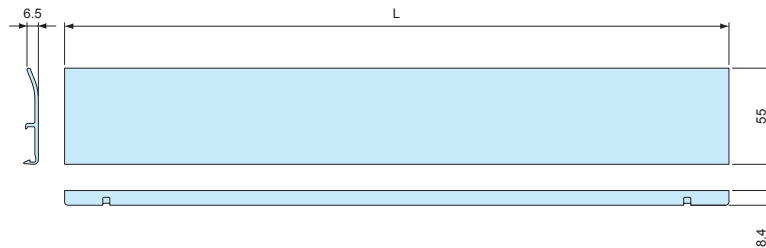
Product no. / Dimensions

■ Please suffix color code at the end of the product number.

Product no.	Suitable box	L
BRF-350L☐	BCAP • BCPC • BCPK 354512 354516 354520	380

■ S color type is light gray painted.

Product no. / Dimensions

■ Please suffix color code at the end of the product number.

Product no.	Suitable box	L
BRF-530☐	BCAP・BCPC・BCPK 506018 506025 507018 507025	565
BRF-630☐	BCAP・BCPC・BCPK 608018 608028	665

■ S color type is light gray painted.

■ How to install BRF outdoor roof.
Refer to illustration.
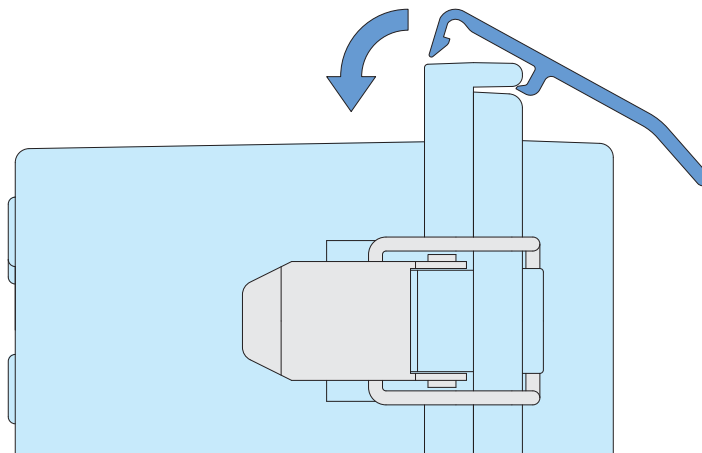
BCC-1   DUST PROTECTION CAP

■ Prevent dust and other foreign material entry.

■ Protection against corrosion on key hole part in environments such as coastal areas.

■ When ordering, please ensure that the quantity required corresponds to the number of latches on your selected enclosure.

Product no. / Dimensions

Product no.	Material	Color	Sales unit
BCC-1	Silicone	Black	1 pc

Suitable Box

Suitable box	Required
BCPK192810 ~ 203018, 253515 ~ 405020	2 pcs
BCPK406018 ~ 608028	3 pcs

■ Not suitable for BCPK 212110, 212113, 172711, and smaller models.

BMP-Z SERIES — STEEL MOUNTING PLATE

- Tough but easily customizable.
- Large sized (BMP5060Z, 5070Z and 6080Z) plates have a 90° bent edge.
- Customization services (machining, punch press or clinching nut insertion) are available. See website for more details.
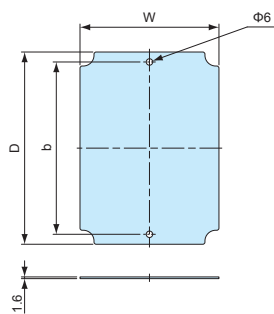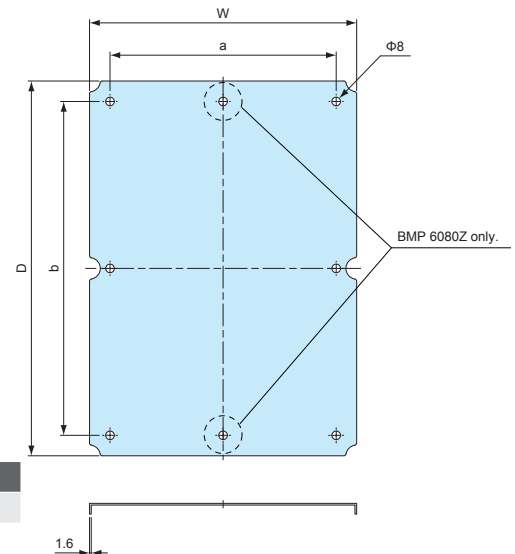
BMP0912Z ~ 1727Z   BMP1928Z ~ 4060Z   BMP5060Z ~ 6080Z

BMP 2020Z only. Φ6

BMP 6080Z only.
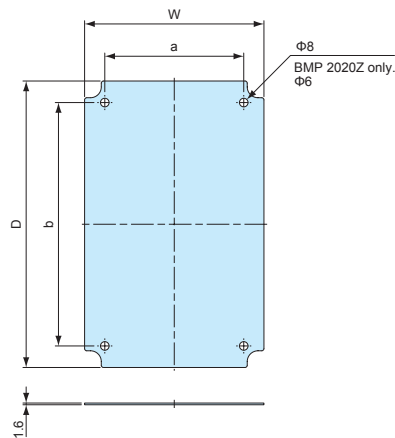
- DXF/DWG/PDF drawings available on our website.

Components

Part name	Material	Finish
Mounting plate	Steel t=1.6	Zinc coated

Product no. / Dimensions

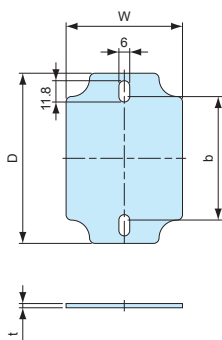| Product no.	W	D	a	b	Suitable box	Weight (g)
BMP0912Z	58	88	–	69	BCAP • R, BCPC • K • R 091207, 091208	53
BMP0813Z	68	118	–	99	BCAP • R, BCPC • K • R 101507, 101508	87
BMP1121Z	77	177	–	158	BCAP • R, BCPC • K • R 112107, 112110	159
BMP1126Z	77	227	–	208	BCAP • R, BCPC • K • R 112607, 112610	210
BMP1315Z	102	122	–	110	BCAP • R, BCPC • K • R 131508	141
BMP1217Z	102	152	–	140	BCAP • R, BCPC • K • R 131808, 131810	180
BMP1515Z	121	121	–	110	BCAP BCPC • K 151509, 151512	172
BMP1520Z	126	176	–	160	BCAP • R, BCPC • K • R 162110, 162113	262
BMP1525Z	127	227	–	210	BCAP • R, BCPC • K • R 162610, 162613	346
BMP1722Z	137	187	–	160	BCAP • R, BCPC • K • R 172211	308
BMP1727Z	137	237	–	210	BCAP • R, BCPC • K • R 172711	391
BMP1928Z	157	247	120	210	BCAP • R, BCPC • K • R 192810, 192814	462.5
BMP2020Z	176	176	120	150	BCAP • R, BCPC • K • R 212110, 212113	371
BMP2030Z	165	265	129	226	BCAP • R, BCPC • K • R 203013, 203015, 203018	519
BMP2535Z	215	315	180	270	BCAP • R, BCPC • K • R 253515, 253518	816
BMP2828Z	246	246	210	210	BCAP • R, BCPC • K • R 282813	727.5
BMP2838Z	246	346	210	310	BCAP • R, BCPC • K • R 283813	1,018
BMP3030Z	264	264	219	219	BCAP • R, BCPC • K • R 303015, 303018	826.5
BMP3040Z	265	365	228	325	BCAP • R, BCPC • K • R 304012, 304015, 304018	1,154
BMP3535Z	315	315	270	270	BCAP • R, BCPC • K • R 353515, 353518	1,196.5
BMP3545Z	301	401	274	365	BCAP • R, BCPC • K • R 354512, 354516, 354520	1,443
BMP4050Z	354	454	328	428	BCAP BCPC • K 405016, 405020	1,998
BMP4060Z	354	551	328	525	BCAP BCPC • K 406018, 406023	2,328
BMP5060Z	474	574	426	526	BCAP • R, BCPC • K • R 506018, 506025	3,286
BMP5070Z	472	672	426	626	BCAP • R, BCPC • K • R 507018, 507025	3,864
BMP6080Z	565	765	526	726	BCAP • R, BCPC • K • R 608018, 608028	5,288.5

- K = BCPK series / R = BCAR • BCPR series
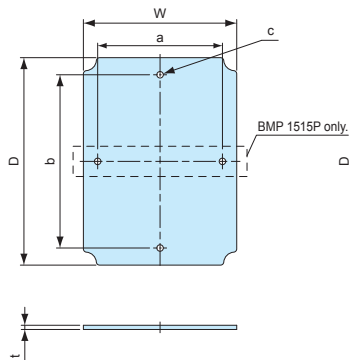
BMP-P SERIES — PLASTIC MOUNTING PLATE

- Lightweight ABS plastic mounting plate.
- Flat plate: BMP0811P ~ BMP1515P
  Ribbed plate: BMP1520P ~ BMP4050P

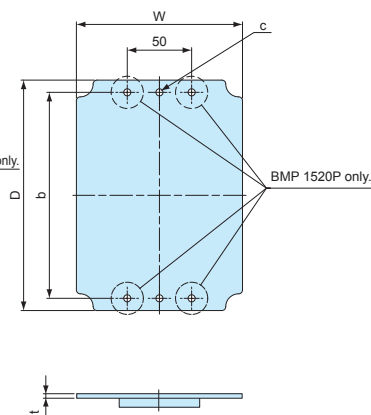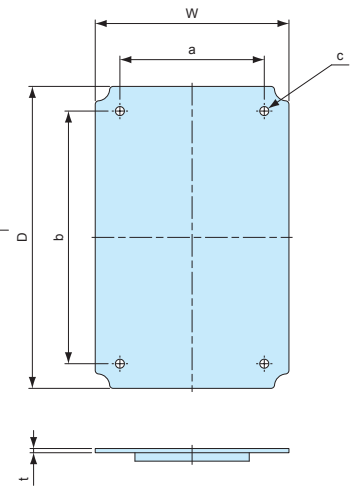- DXF/DWG/PDF drawings available on our website.
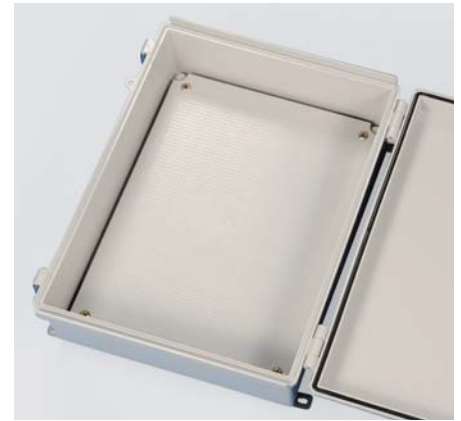
BMP0811P (Flat) BMP0813P, 1515P (Flat) BMP1520P, 1525P (Ribbed) BMP1928P ~ 4050P (Ribbed)

Components

Part name	Material	Color
Mounting plate	ABS	White gray

Product no. / Dimensions

Product no.	W	D	a	b	t	c (Φ)	Suitable box	Weight (g)
BMP0811P	64.5	94.3	–	68.4	3.5	–	BCAP・R, BCPC・K・R 091207, 091208	21
BMP0813P	64.5	114.5	–	99	3	Φ6	BCAP・R, BCPC・K・R 101507, 101508	24
BMP1121P	76.5	176	–	158	3	Φ6	BCAP・R, BCPC・K・R 112107, 112110	40
BMP1126P	76.5	226	–	208	3	Φ6	BCAP・R, BCPC・K・R 112607, 112610	53
BMP1315P	101.5	121.5	–	110	3.5	Φ5.5	BCAP・R, BCPC・K・R 131508	36
BMP1217P	109.5	160	–	140	4	Φ6	BCAP・R, BCPC・K・R 131808, 131810	62
BMP1515P	123	123	110	110	3.5	Φ6	BCAP BCPC・K 151509, 151512	52
BMP1520P	129	179	–	160	3.5	Φ5.5	BCAP・R, BCPC・K・R 162110, 162113, 172211	92
BMP1525P	129	228.5	–	210	3.5	Φ6	BCAP・R, BCPC・K・R 162610, 162613, 172711	112
BMP1928P	158.5	248	120	210	3.5	Φ8	BCAP・R, BCPC・K・R 192810, 192814	162
BMP2020P	178.5	178.5	120	150	3.5	Φ5.5	BCAP・R, BCPC・K・R 212110, 212113	125
BMP2030P	166.5	266	128	225.5	4	Φ8	BCAP・R, BCPC・K・R 203013, 203015, 203018	188
BMP2535P	215.5	315	180	268.5	4	Φ8	BCAP・R, BCPC・K・R 253515, 253518	292
BMP2828P	248.5	248.5	210	210	4	Φ8	BCAP・R, BCPC・K・R 282813	237
BMP2838P	248	347.5	209	309.5	4	Φ8	BCAP・R, BCPC・K・R 283813	368
BMP3030P	262.5	262.5	219	219	4	Φ7.5	BCAP・R, BCPC・K・R 303015, 303018	281
BMP3040P	264.5	364	227	323	4	Φ8	BCAP・R, BCPC・K・R 304012, 304015, 304018	437
BMP3535P	313.5	313.5	269.5	269.5	4	Φ8	BCAP・R, BCPC・K・R 353515, 353518	424.5
BMP3545P	305	405.5	273	364	4	Φ8	BCAP・R, BCPC・K・R 354512, 354516, 354520	539
BMP4050P	357	457	328	428	4	Φ8.5	BCAP BCPC・K 405016, 405020	725.5

■ K = BCPK series / R = BCAR・BCPR series

Notice
BMP-P series Plastic Mounting Plate
Changes to Underside (bottom) Shape

■ Affected models

| Product Number	Status
BMP0811P	Pending (est. 2nd Quarter 2020)
BMP0818P	Pending (est. 2nd Quarter 2020)
BMP1126P	Pending (est. 3rd Quarter 2020)
BMP1212P	Pending (est. 2nd Quarter 2020)
BMP1217P	Changed

■ Changes : Underside shape/construction

Current shape

New shape

■ Purpose : For the reinforcement and strengthening of small-sized plastic mounting plate(s).

■ Effective date : Once present stock has run out.
■ Note : There will be no changes to product number, color, or pricing.

BMP-W SERIES WOODEN MOUNTING PLATE

- Easy installation with tapping screws.
- Easily customizable hard wooden plate.
- Plate comes with scales printed on for easy references.

- DXF/DWG/PDF drawings available on our website.

BMP0912W ~ 1727W   BMP1928W ~ 4060W   BMP5060W ~ 6080W
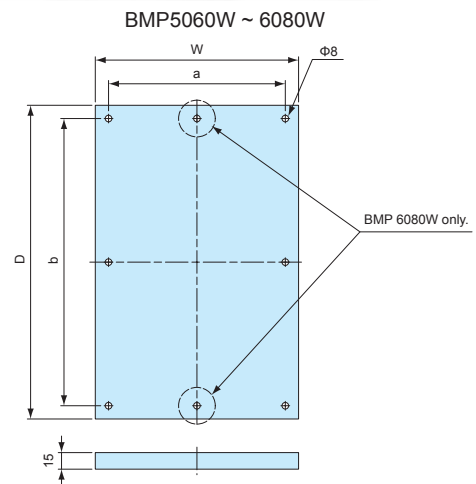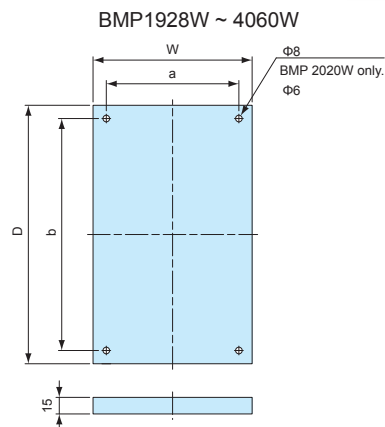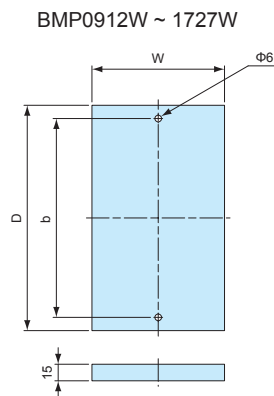
Components

Part name	Pcs	Material	Color / Finish
Mounting plate	1	Wood board t=15	Scaled sheet
Screw	2 ~ 8	Steel	Trivalent chromate

Product no. / Dimensions

Product no.	W	D	a	b	Suitable box	Screw	Weight (g)
BMP0912W	58	92	–	69	BCAP・R, BCPC・K・R 091207, 091208	M4-20 × 2 pcs	62
BMP0813W	68	122	–	99	BCAP・R, BCPC・K・R 101507, 101508	M4-20 × 2 pcs	94
BMP1121W	77	181	–	158	BCAP・R, BCPC・K・R 112107, 112110	M4-20 × 2 pcs	166
BMP1126W	77	231	–	208	BCAP・R, BCPC・K・R 112607, 112610	M4-20 × 2 pcs	191
BMP1315W	102	126	–	110	BCAP・R, BCPC・K・R 131508	M4-20 × 2 pcs	127
BMP1217W	102	156	–	140	BCAP・R, BCPC・K・R 131808, 131810	M4-20 × 2 pcs	190
BMP1515W	118	125	–	110	BCAP BCPC・K 151509, 151512	M4-20 × 2 pcs	172
BMP1520W	126	180	–	160	BCAP・R, BCPC・K・R 162110, 162113	M4-20 × 2 pcs	243
BMP1525W	127	231	–	210	BCAP・R, BCPC・K・R 162610, 162613	M4-20 × 2 pcs	352
BMP1722W	137	191	–	160	BCAP・R, BCPC・K・R 172211	M4-20 × 2 pcs	286
BMP1727W	137	241	–	210	BCAP・R, BCPC・K・R 172711	M4-20 × 2 pcs	212
BMP1928W	150	240	120	210	BCAP・R, BCPC・K・R 192810, 192814	M5-20 × 4 pcs	350
BMP2020W	170	174	120	150	BCAP・R, BCPC・K・R 212110, 212113	M4-20 × 4 pcs	336
BMP2030W	159	256	129	226	BCAP・R, BCPC・K・R 203013, 203015, 203018	M5-20 × 4 pcs	482
BMP2535W	210	300	180	270	BCAP・R, BCPC・K・R 253515, 253518	M5-20 × 4 pcs	688
BMP2828W	240	240	210	210	BCAP・R, BCPC・K・R 282813	M5-20 × 4 pcs	565
BMP2838W	240	340	210	310	BCAP・R, BCPC・K・R 283813	M5-20 × 4 pcs	893
BMP3030W	249	249	219	219	BCAP・R, BCPC・K・R 303015, 303018	M5-20 × 4 pcs	659
BMP3040W	258	355	228	324	BCAP・R, BCPC・K・R 304012, 304015, 304018	M5-20 × 4 pcs	965
BMP3535W	300	300	270	270	BCAP・R, BCPC・K・R 353515, 353518	M5-20 × 4 pcs	964
BMP3545W	301	395	274	365	BCAP・R, BCPC・K・R 354512, 354516, 354520	M5-20 × 4 pcs	1,314
BMP4050W	355	455	328	428	BCAP BCPC・K 405016, 405020	M5-20 × 4 pcs	1,754
BMP4060W	355	552	328	525	BCAP BCPC・K 406018, 406023	M5-20 × 4 pcs	2,015.5
BMP5060W	456	556	426	526	BCAP・R, BCPC・K・R 506018, 506025	M5-20 × 6 pcs	2,650
BMP5070W	456	656	426	626	BCAP・R, BCPC・K・R 507018, 507025	M5-20 × 6 pcs	3,152.5
BMP6080W	556	756	526	726	BCAP・R, BCPC・K・R 608018, 608028	M5/M6-20 × 8 pcs	4,434

■ K = BCPK series / R = BCAR・BCPR series

BFL SERIES — PLASTIC MOUNTING BRACKET

BFL-1

BFL-2 / BFL-2-21

- 2 different colored type to match box colors.
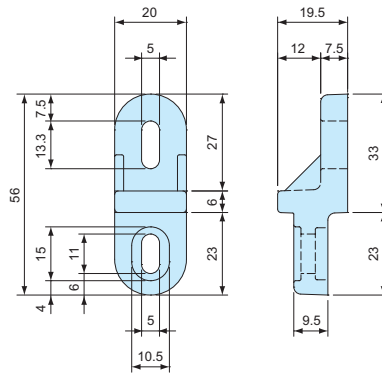- Tough and strong glass fiber filled polycarbonate.

Color Type

G	White gray	BCAP • BCAR
S	Light gray	BCPC • BCPK • BCPR

Components

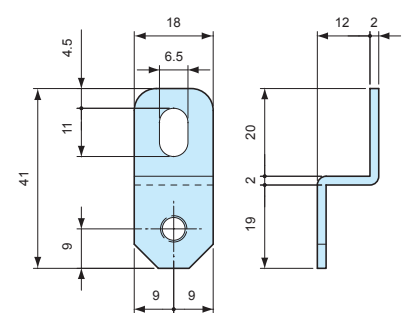| Part name	Pcs	Material / Finish
Mounting bracket	4	Glass fiber filled polycarbonate
Screw	4	Stainless steel / Unfinished

Product no. / Dimensions

Product no.	Suitable box	Screw
BFL-1□	BCAP • R, BCPC • K • R 0912, 1015, 1121, 1126, 1315, 1318, 1621, 1626, 1722, 1727, 212113	M4-12
BFL-2□	BCAP • R, BCPC • K • R 1928, 2030, 2535, 2828, 2838, 3030, 3040, 3535, 3545, 4050, 4060, 5060	M5-12
BFL-2-21□	BCAP • R, BCPC • K • R 212110	M4-12

- Please suffix color code at the end of the product number.
※Not suitable for BCAP1515 model. Use CK-35P (Stainless steel) instead.

CK SERIES — STAINLESS STEEL MOUNTING BRACKET

CK-35P
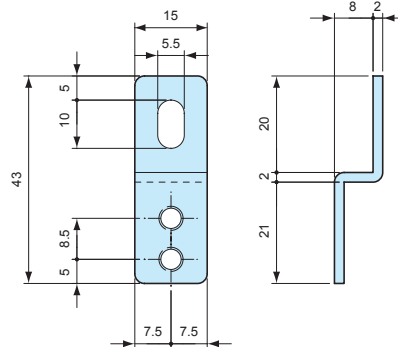
CK-26P

Components

Part name	Pcs	Material	Finish
Mounting bracket	4	Stainless steel	Barrel finish
Screw	4	Stainless steel	Unfinished

Product no. / Dimensions

Product no.	Suitable box	Screw
CK-35P	BCAP • R, BCPC • K • R 0912, 1015, 1121, 1126, 1315, 1318, 1515, 1621, 1626, 1722, 1727, 2121	M4-10
CK-26P	BCAP • R, BCPC • K • R 1928, 2030, 2535, 2828, 2838, 3030, 3040, 3535, 3545, 4050, 4060	M5-10

MT SERIES — PCB MOUNTING SCREW

- PCB mounting screws for inner bosses of BCAP • BCAR • BCPC • BCPK • BCPR series.

Product no. / Dimensions

Product no.	Material	Finish	Pack of
MT4-8T	Steel M4	Trivalent chromate	20
MT5-8T	Steel M5	Trivalent chromate	20

Suitable Box

|		
MT4-8T	BCAP • R, BCPC • K • R 0912, 1015, 1121, 1126, 1315, 1318, 1515, 1621, 1626, 1722, 1727, 1928, 2121	7kgf • cm (0.7N • m)
MT5-8T	BCAP • R, BCPC • K • R 2030, 2535, 2828, 2838, 3030, 3040, 3535, 3545, 4050, 4060, 5060, 5070, 6080	14kgf • cm (1.4N • m)

SSK SERIES — POLE MOUNTING BRACKET

- Stainless steel pole mounting bracket for BCAP • BCAR and BCPC • BCPK • BCPR series.
- No hole milling is required for maintaining the IP rating of the enclosure.
- Use PKB mounting belt to install onto a pole (See page 258 for PKB series).
- DXF/DWG/PDF drawings available on our website.

SSK dimensions

SSK-S1

SSK-P60 • 75 • 80
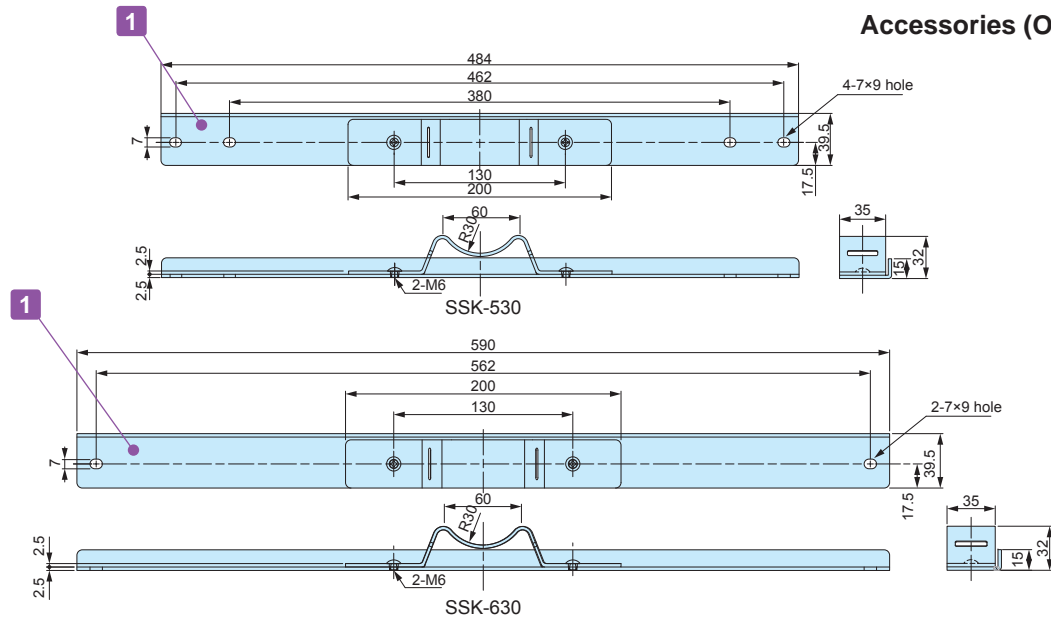
SSK-P120

SSK-160 ~ 250

SSK-280 ~ 350

SSK-400
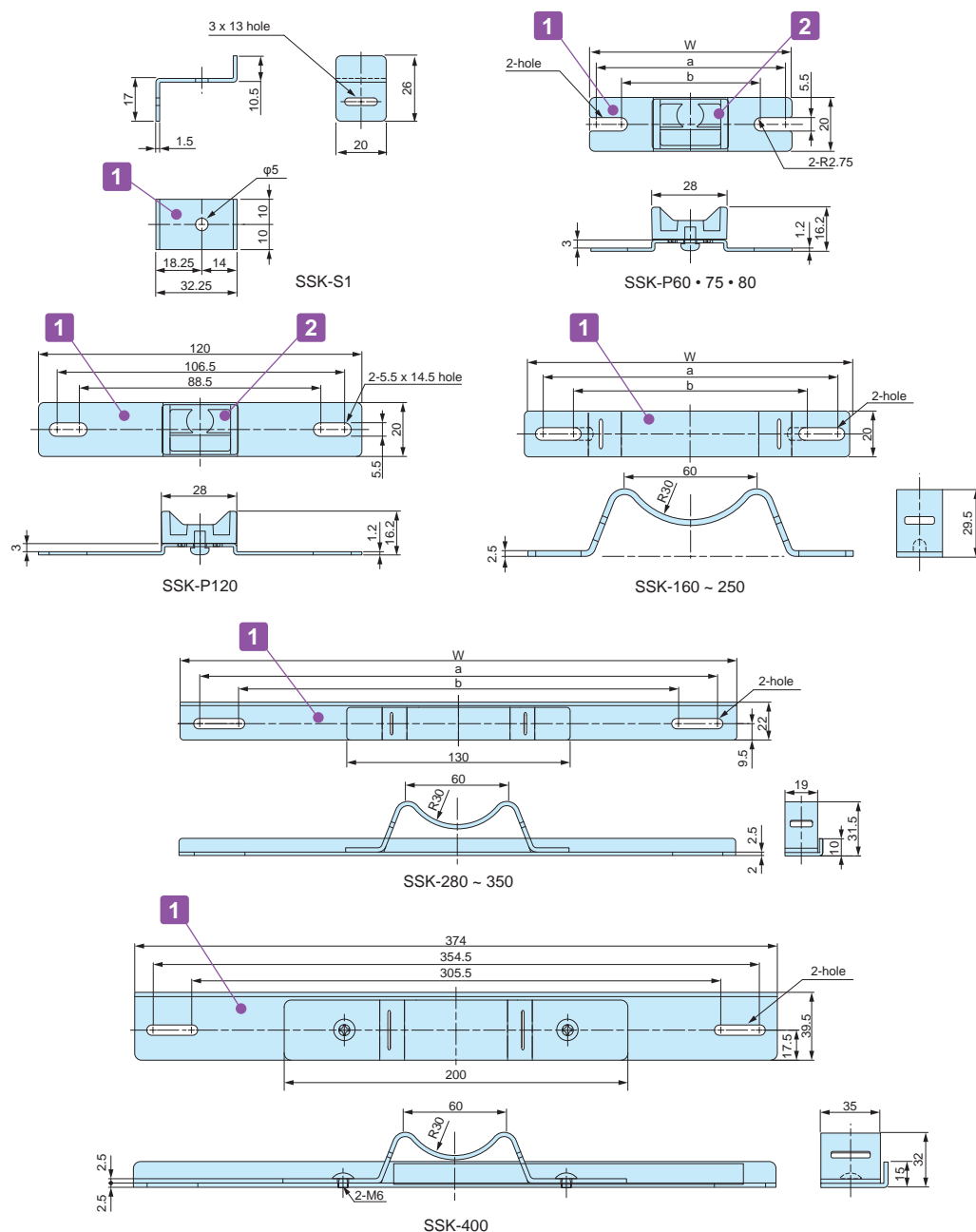
APPLICATION EXAMPLE

WEATHER STATION DATA LOGGER
Product by Sakaki Corporation (Japan)

WATER LEVEL DETECTOR
Product by Aspect System (Japan)

Accessories (Optional parts)

SSK-530

SSK-630

Components

No.	Part name	Pcs	Material	Color / Finish
1	Bracket	2 / 4	Stainless Steel SUS304	Barrel finish
2	Plastic bracket (SSK-P type only)	2	ASA UL94HB	White gray (RAL7035)
–	Screw	4	Stainless Steel SUS304	Unfinished

Product no. / Dimensions

| Product no.	W	a	b	c	Box size	Belt to use with	Pack of
SSK-S1	32.25	18.25	14	–	0912, 1015, 1121, 1126, 1315, 1318, 1621, 1626, 1722, 1727, 2121	PKB-10P, PKB-10S	4
SSK-P60	60	54.5	46.5	5.5×9	0912	PKB-10P, PKB-10S	2
SSK-P75	75	69.5	53.5	5.5×12.5	1015	PKB-10P, PKB-10S	2
SSK-P80	80	74.5	64.5	5.5×10.5	1121, 1126	PKB-10P, PKB-10S	2
SSK-P120	120	106.5	88.5	5.5×14.5	1315, 1318	PKB-10P, PKB-10S	2
SSK-160	142	129.5	101	–	1515, 1621, 1626	PKB-10P, PKB-10S	2
SSK-170	152	142.3	101	–	1722, 1727	PKB-10P, PKB-10S	2
SSK-200	174	161.5	112.5	–	1928, 2030	PKB-10P, PKB-10S	2
SSK-210	192	180.5	131.5	–	2121	PKB-10P, PKB-10S	2
SSK-250	230	215.5	166.5	–	2535	PKB-10P, PKB-10S	2
SSK-280	260	244.5	195.5	–	2828, 2838	PKB-10P, PKB-10S	2
SSK-300	280	264.5	215.5	–	3030, 3040	PKB-10P, PKB-10S	2
SSK-350	324	302.5	253.5	–	3535, 3545	PKB-10P, PKB-10S	2
SSK-400	374	354.5	305.5	–	4050, 4060	PKB-20S	2
SSK-530	484	462	380	7×9	5060, 5070	PKB-20S	2
SSK-630	590	562	–	7×9	6080	PKB-20S	2

PKB SERIES — POLE MOUNTING BELT

PKB−10P

PKB-10S, 20S

- Universal pole mounting belt for various types of enclosures / box.
- Strong clamping stainless steel type and easy installation plastic type are available.
- Use SSK mounting bracket to install onto a pole.
- Designed for one time use only (not reusable).
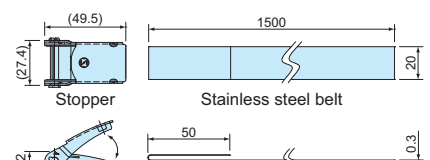- DXF/DWG/PDF drawings available on our website.

PKB-10P

Stopper

Plastic belt

PKB-10S

Stopper

Stainless steel belt

PKB-20S
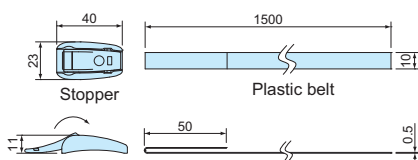
Stopper
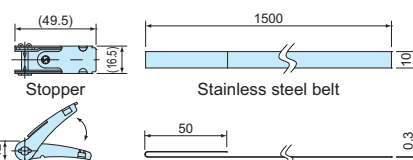
Stainless steel belt

Components

| Part name	Pcs	Material	Color / Finish
Stopper	2	POM • Stainless steel SUS304	Black • Barrel finish
Belt	2	PET • Stainless steel SUS430	Gray • Bright annealed finish

Product no. / Dimensions

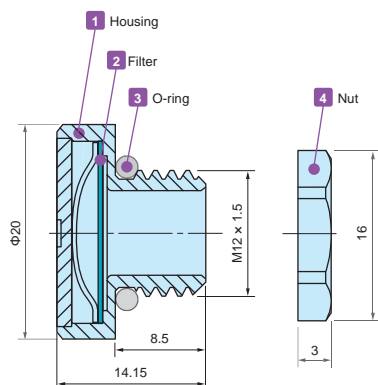| Product no.	Tensile strength (horizontal)	Belt material	Belt length	Weight (g)	Pack of
PKB-10P	1.3kN	PET	1,500mm	31.8	2
PKB-10S	1.4kN	Stainless steel	1,500mm	101.6	2
PKB-20S	2.9kN	Stainless steel	1,500mm	182.2	2

PMF-12M STAINLESS STEEL PROTECTIVE VENT
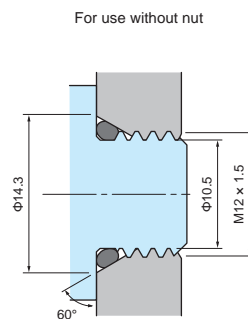
★★ NEW

IP68 IP69K

Application example
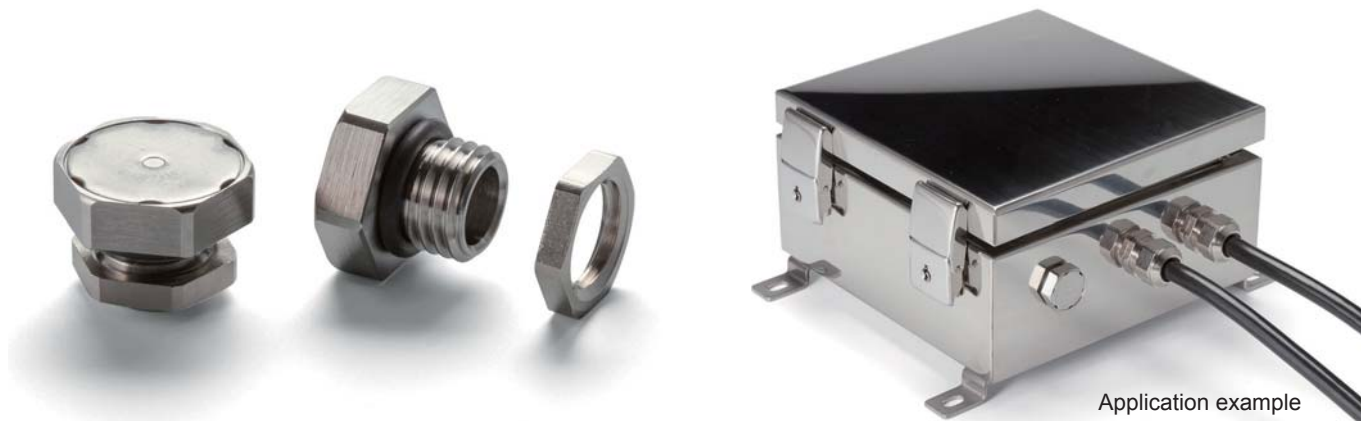
- Stainless steel protective vent for superior durability and chemical resistance.
- IP68 protection class (water depth 2 meters / 60 mins) and -40°C ~ +125°C operating temperature range allows it to be used in various environments.
- Suitable for enclosures with capacities of 20 liters or under.
- For outdoor use, installation on the side of the enclosure unit is recommended.
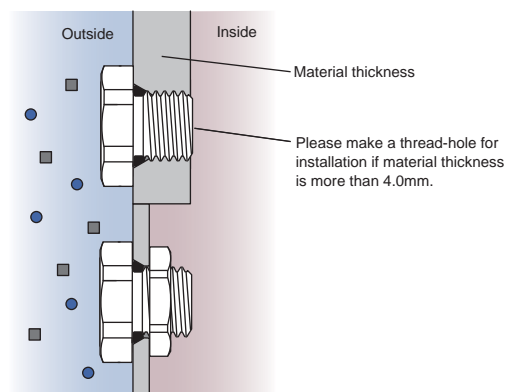
PMF-12M dimensions

1 Housing
2 Filter
3 O-ring
4 Nut

Φ20
M12 x 1.5
16
8.5
3
14.15

Hole milling drawings

For use without nut

Φ14.3
Φ10.5
M12 x 1.5
60°

- While Φ12.2mm through-hole is sufficient for installation, 60° angle tapered hole is recommended to prevent deformation of the O-ring.

Installation drawings

Outside   Inside

Material thickness

Please make a thread-hole for installation if material thickness is more than 4.0mm.

- If used with a lock nut, material thickness should not exceed 4.0mm.

Technical Data

Airflow	1600ml / min (dp = 7 kPa)
Recommended Torque	0.6 ~ 1.2 N • m
Certifications	IEC60529 (Protection class test) : IP66 • IP67 • IP68 • IP69K IEC60068-2-1, 2, 14 (Heat resistance test) : -40°C ~ +125°C IEC60068-2-78 (Humidity test) : 85°C • 85% humidity • 1000 hours IEC60068-2-64 (Vibration test)

Product no. / Dimensions

Product no.	Material				G		Nut SW
● Metalic	1 Housing	2 Filter	3 O-ring	4 Nut	Thread size	Mount hole	
PMF-12M	Stainless steel	PTFE	Silicone	Brass • Nickel plated	M12 x 1.5	Φ12.2	15

# PMF SERIES — PROTECTIVE VENT

IP68 IP69K

Application example

- Protective vents prevents the ingression of a variety of contaminants, such as water, dust and other particules while allowing water vapor molecules to diffuse through the microporous membrane.
- Equalize pressure and reduce condensation by allowing airflow into and out of sealed enclosures.
- With an IP68 protection class (water depth 2 meters / 60 mins) and -40°C ~ +125°C operating temperature range, it can be used in harsh environmental conditions.
- PMF-6B works up to 2 liters capacity enclosures. Whereas, PMF-12 models work for up to 5 liters and PMF-12HS models work for up to 50 liters.
- For outdoor use, more efficient to install on the side(s).
- Recommended to use for industrial, electric, electronics purpose only.
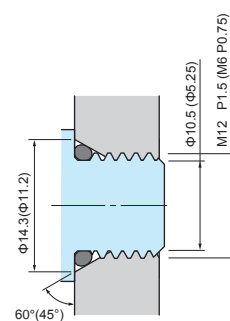
PMF dimensions

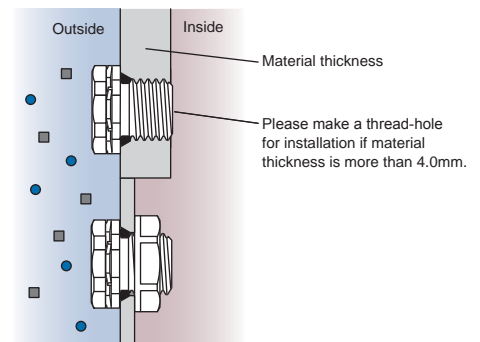- Drawings below are reference examples only. DXF/DWG/PDF drawings available on our website.
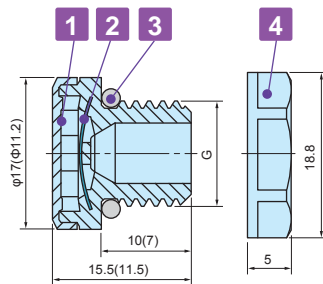
( ) values are for PMF-6B.
Lock nut is not available for PMF-6B.

Hole milling drawings

- While Φ12.2mm through-hole is sufficient for installation, 60° angle tapered hole is recommended to prevent deformation of the O-ring.

Installation drawings

Outside | Inside

Material thickness

Please make a thread-hole for installation if material thickness is more than 4.0mm.

- If used with a lock nut, material thickness should not exceed 4.0mm, and Φ12.2mm through-hole is sufficient.

Technical Data

Product no.	PMF-6B	PMF-12	PMF-12HA
Airflow	300ml / min (dp = 7 kPa)	450ml / min (dp = 7 kPa)	4000ml / min (dp = 7 kPa)
Recommended Torque	0.2 ~ 0.4 N • m	0.6 ~ 0.8 N • m	0.6 ~ 0.8 N • m
Certifications	IEC60529 (Protection class test): IP66 • IP67 • IP68 • IP69K (Not for PMF-6B) IEC60068-2-1, 2, 14 (Heat resistance test): - 40°C ~ +125°C (~+150°C for PMF-6B) IEC60068-2-78 (Humidity test): 85°C • 85% humidity • 1000 hours IEC60068-2-64 (Vibration test) (PMF-6B only) UL94V-0 (Flame-resistant) • UL746C f1		

Product no. / Dimensions

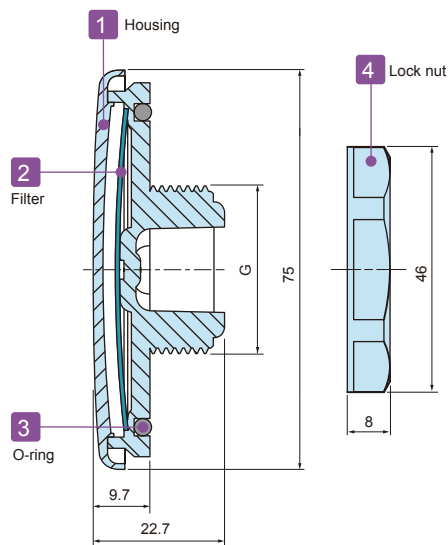| Product no.		Material				G		Nut SW
⬤ Light gray	⬤ Black	1 Housing	2 Filter	3 O-ring	4 Lock nut	Thread size	Mount hole	
—	NEW PMF-6B	PA6 (Body) PA66 (Cap)	PTFE	Silicone	n/a	M6 x 0.75	—	—
PMF-12S	PMF-12B	PA6	PTFE	Silicone	PA6 (UL94V-2)	M12 x 1.5	Φ12.2	17
PMF-12HAS	PMF-12HAB	PA6	PTFE	Silicone	PA6 (UL94V-2)	M12 x 1.5	Φ12.2	17

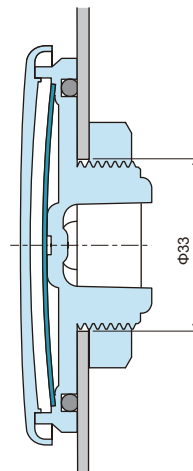## PMF-32 SERIES — LARGE PROTECTIVE VENT

IP68 IP69K

Application example

- Maintaining high airflow for large enclosures in an outdoor environment.
- Equalize pressure and reduce condensation by allowing airflow into and out of sealed enclosures.
- Simple and flat design allows it to be used on a wide variety of enclosure types.
- IP68 protection class rated with an operating temperature range of -40°C ~ +125°C allows it to be used in harsh environments.
- Compliant with Solar industry testing IEC62108 standards.
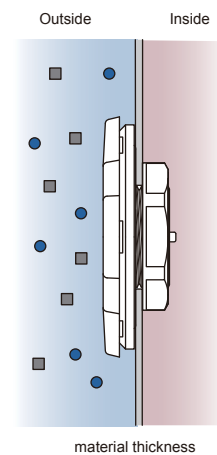- For superior performance, installation on the side of the enclosure is recommended.

PMF-32 Dimensions

1 Housing
2 Filter
3 O-ring
4 Lock nut

G
75
46
8
9.7
22.7

Hole milling drawings

Φ33

Installation drawings

Outside   Inside

material thickness

- If used with a lock nut, material thickness should not exceed 5.0mm.

Technical Data

|	
Airflow	16 ℓ / min (dp = 12 mbar)
Recommended torque	5 N・m
Certifications (without nut)	IEC529, 2nd (Protection class test): IP66 • IP67 • IP68 • IP69K IEC60068-2-1, 2, 14 (Heat resistance test): - 40°C ~ +125°C IEC60068-2-78 (Humidity test): 85°C • 85% humidity • 1000 hours IEC62108.10.8 • 9 (Solar industry test): Freezing - high temperature test • Hail impact test UL94V-0 (Flame-resistant) • UL746C

Product no. / Dimensions

Product no.	Material				G		Nut SW
	1 Housing	2 Filter	3 O-ring	4 Lock nut	Thread size	Mount hole	
PMF-32S	PC	PTFE	Silicone	PA6	M32×1.5	Φ33	41.5

V SERIES — VENTILATION LOUVER

- Recommended for condensation prevention and heat dissipation.
- 2 models available: ABS V60, V80 for BCAP and BCAR series, and PC V60S, V80S for BCPC, BCPK and BCAR series.
- Suitable to be used on a variety of enclosure types, series and models.
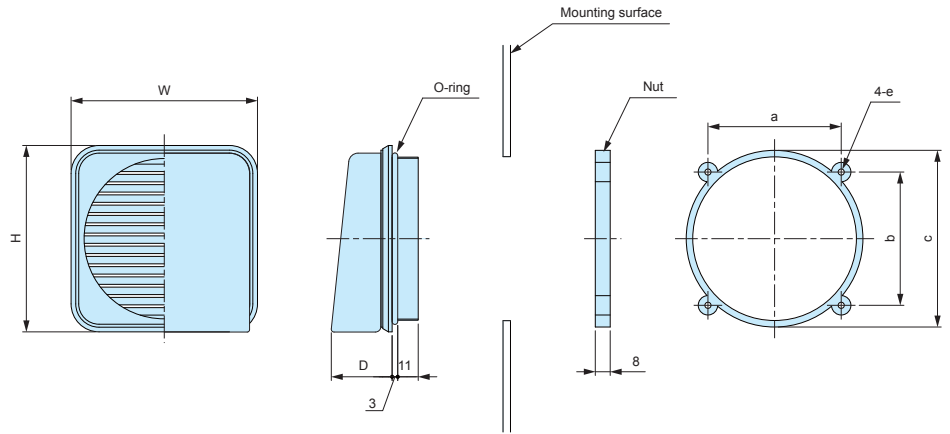
Product no. / Dimensions

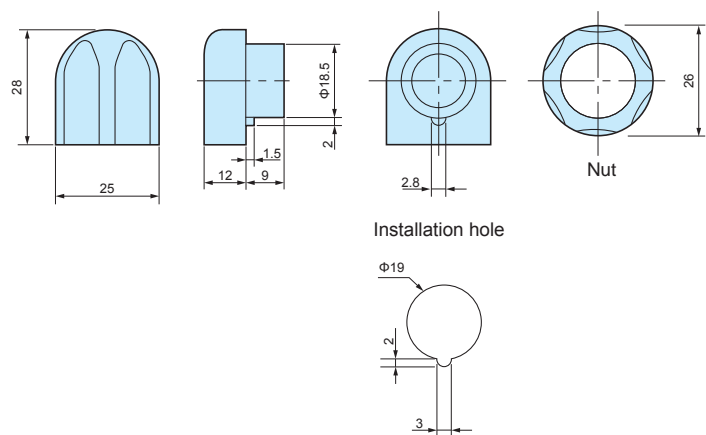| Product no.	Material	Color	Installation hole	W	H	D	a	b	c	e
V60	ABS	White gray	Φ63	74.5	74.5	30.8	50.5	50.5	70	Φ3.8
V80	ABS	White gray	Φ88	100	100	36	71.5	71.5	94.8	Φ3.3
V60S	Polycarbonate	Light gray	Φ63	74.5	74.5	30.8	50.5	50.5	70	Φ3.8
V80S	Polycarbonate	Light gray	Φ88	100	100	36	71.5	71.5	94.8	Φ3.3

- O-ring material: NBR Black
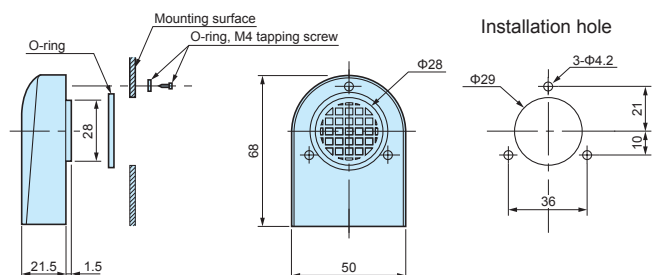
VF SERIES — VENTILATION PARTS

VF-1

VF-2

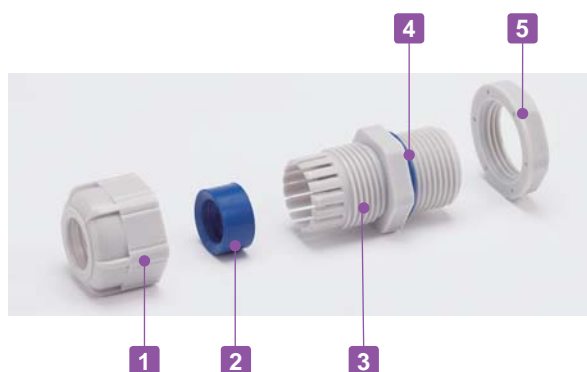| Technical Data	
Protection class: VF-1	IP33
VF-2	IP24

Product no.

Product no.	Material / Color
VF-1	Polyamide / White gray
VF-2	Polyamide / White gray

# RMW SERIES — WEATHERPROOF CABLE GLAND

NEW ★★

IP67

■ Weatherproof cable gland equipped with high ultraviolet and degradation resistant silicone sealing insert and O-ring.

■ Recommended to use outdoors where waterproofing is critical.

Components

■ PA = Polyamide

No.	Part name	Material
1	Cap	PA66 UL94V-2
2	Sealing insert	Silicone
3	Connector	PA66 UL94V-2
4	O-ring	Silicone
5	Nut	PA66 UL94V-2

RMW dimensions
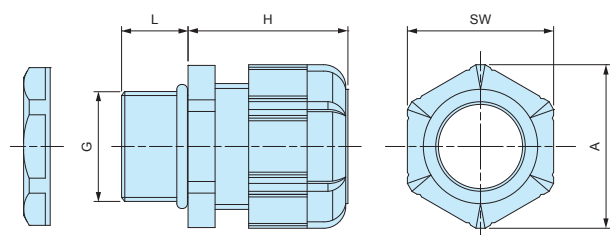
Technical Data

Protection class: IP67
Operating temperature: -20°C ~ +80°C

■ DXF/DWG/PDF drawings available on our website.

■ Lock nut is not included for RMW10S-6.
Please drill a proper thread hole into the enclosure for installation.

Product no. / Dimensions

Product no. Black	Product no. Light gray	G Thread size	G Mounting hole	Cable range Min	Cable range Max	L	H Max	SW	A	Pack of
RMW8L-2.5B	RMW8L-2.5S	M8×1.25	Φ8.2	1	2.5	13	19.5	11.8	13.5	1
RMW8L-4B	RMW8L-4S	M8×1.25	Φ8.2	2.5	4	13	19.5	11.8	13.5	1
RMW10S-6B	RMW10S-6S	M10×1.5	—	3	6	8	20.5	13	14.4	1
RMW10L-6B	RMW10L-6S	M10×1.5	Φ10.2	3	6	13	20.5	13	14.4	1
RMW12S-7B	RMW12S-7S	M12×1.5	Φ12.2	3.5	7	9	20.5	16	17.6	1
RMW12L-7B	RMW12L-7S	M12×1.5	Φ12.2	3.5	7	14.5	20.5	16	17.7	1
RMW16S-8B	RMW16S-8S	M16×1.5	Φ16.2	4	8	9	23.5	19	21	1
RMW16L-8B	RMW16L-8S	M16×1.5	Φ16.2	4	8	15	24	19	21	1
RMW20S-12B	RMW20S-12S	M20×1.5	Φ20.2	6	12	10	29	24	26.2	1
RMW20L-12B	RMW20L-12S	M20×1.5	Φ20.2	6	12	15	28.5	24	26.2	1
RMW25L-17B	RMW25L-17S	M25×1.5	Φ25.2	11	17	15	35	33	36.2	1
RMW32L-21B	RMW32L-21S	M32×1.5	Φ32.3	13	21	15	38	36	39.5	1
RMW40L-27B	RMW40L-27S	M40×1.5	Φ40.3	18	27	18	43.5	45.7	50.5	1
RMW50L-38B	RMW50L-38S	M50×1.5	Φ50.4	27	38	20	50.5	60	66.5	1
RMW8L-2.5B-P	RMW8L-2.5S-P	M8×1.25	Φ 8.2	1	2.5	13	19.5	11.8	13.5	100
RMW8L-4B-P	RMW8L-4S-P	M8×1.25	Φ 8.2	2.5	4	13	19.5	11.8	13.5	100
RMW10L-6B-P	RMW10L-6S-P	M10×1.5	Φ10.2	3	6	13	20.5	13	14.4	100
RMW12S-7B-P	RMW12S-7S-P	M12×1.5	Φ12.2	3.5	7	9	20.5	16	17.6	100
RMW12L-7B-P	RMW12L-7S-P	M12×1.5	Φ12.2	3.5	7	14.5	20.5	16	17.7	100
RMW16S-8B-P	RMW16S-8S-P	M16×1.5	Φ16.2	4	8	9	23.5	19	21	100
RMW16L-8B-P	RMW16L-8S-P	M16×1.5	Φ16.2	4	8	15	24	19	21	100
RMW20S-12B-P	RMW20S-12S-P	M20×1.5	Φ20.2	6	12	10	29	24	26.2	100
RMW20L-12B-P	RMW20L-12S-P	M20×1.5	Φ20.2	6	12	15	28.5	24	26.2	100
RMW25L-17B-P	RMW25L-17S-P	M25×1.5	Φ25.2	11	17	15	35	33	36.2	100

RMW series silicone sealing insert weatherproof test report

Object: Cut into a piece of the silicone sealing insert from RMW series and attach it onto an aluminium plate.
For comparison, NBR sealing insert from our RM and EPDM sealing insert from another manufacturer is also attached for comparison purposes.
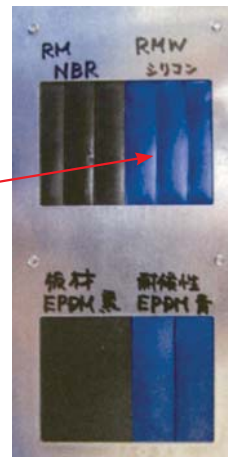
Before   After

Testing conditions

Equipment : 7.5kW Super Xenon Weather Meter SX75 (Suga Test Instruments Co., Ltd.- http://www.sugatest.co.jp/english/)
Conditions : JIS B7754 : 1991
Testing with an authorized Xenon arc lamp weathering test equipment under the conditions denoted below.
Irradiance : 180W/m^2 at 300-400nm
Black Panel Temperature : 63±3°C Humidity Range : 50±10%
Cycle Conditions : 120 minutes cycle (18 minutes irradiation + water spray - 102 minutes irradiation)
Time period : 2,000 hours (equivalent to a period of 4 years under natural conditions)
Total radiant exposure : 1296MJ/m^2

Test result (visual / touch inspection)

Silicone sealing insert material : No cracks, no gloss transition, no powder - no appearance change at all. Flexibility remains unchanged.

Before   After

NBR material from our RM series : Lost glossiness on the surface and material is stiffened.

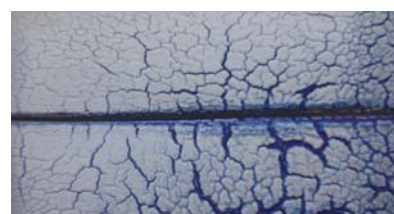Before   After

EPDM material from weatherproof cable gland of another manufacturer : Cracked, color drastically faded and powder appeared on the surface.
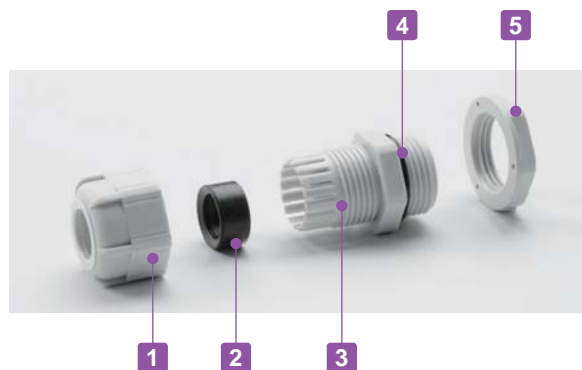
Before   After

RM SERIES POLYAMIDE CABLE GLAND

- Low cost cable glands made from polyamide material.
- Wide selection, for M8 ~ M63, suitable for Φ1mm ~ Φ44 mm cable.
- High oil resistant NBR rubber sealing and O-ring.
- IP67 protection class.

IP67

Components

■ PA = Polyamide

No.	Part name	Material
1	Cap	PA66 UL94V-2
2	Sealing insert	NBR
3	Connector	PA66 UL94V-2
4	O-ring	NBR
5	Lock nut	PA66 UL94V-2

RM dimensions
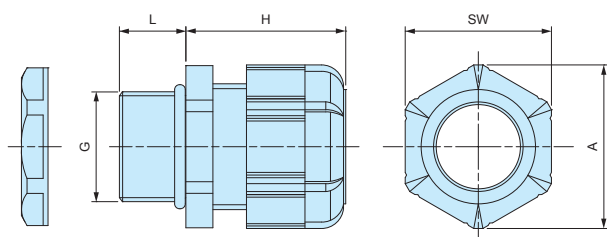
Technical Data

Protection class: IP67
Operating temperature: -20°C ~ +80°C

- DXF/DWG/PDF drawings available on our website.
- Lock nut is not included for RM8S-2.5, 8S-4, and 10S-6 models.
  Please drill a proper thread hole into the enclosure for installation.

Product no. / Dimensions

| Product no. | | G | | Cable range | | L | H | SW | A | Pack of |
● Black	● Light gray	Thread size	Mounting hole	Min	Max		Max			
RM8S-2.5B	RM8S-2.5S	M8×1.25	—	1	2.5	7.5	19.5	11.8	13.5	1
RM8L-2.5B	RM8L-2.5S	M8×1.25	Φ8.2	1	2.5	13	19.5	11.8	13.5	1
RM8S-4B	RM8S-4S	M8×1.25	—	2.5	4	7.5	19.5	11.8	13.5	1
RM8L-4B	RM8L-4S	M8×1.25	Φ8.2	2.5	4	13	19.5	11.8	13.5	1
RM10S-6B	RM10S-6S	M10×1.5	—	3	6	8	20.5	13	14.4	1
RM10L-6B	RM10L-6S	M10×1.5	Φ10.2	3	6	13	20.5	13	14.4	1
RM12S-7B	RM12S-7S	M12×1.5	Φ12.2	3.5	7	9	20.5	16	17.6	1
RM12L-7B	RM12L-7S	M12×1.5	Φ12.2	3.5	7	14.5	20.5	16	17.7	1
RM16S-8B	RM16S-8S	M16×1.5	Φ16.2	4	8	9	23.5	19	21	1
RM16L-8B	RM16L-8S	M16×1.5	Φ16.2	4	8	15	24	19	21	1
RM20S-12B	RM20S-12S	M20×1.5	Φ20.2	6	12	10	29	24	26.2	1
RM20L-12B	RM20L-12S	M20×1.5	Φ20.2	6	12	15	28.5	24	26.2	1
RM25L-17B	RM25L-17S	M25×1.5	Φ25.2	11	17	15	35	33	36.2	1
RM32L-21B	RM32L-21S	M32×1.5	Φ32.3	13	21	15	38	36	39.5	1
RM40L-27B	RM40L-27S	M40×1.5	Φ40.3	18	27	18	43.5	45.7	50.5	1
RM50L-38B	RM50L-38S	M50×1.5	Φ50.4	27	38	20	50.5	60	66.5	1
RM63L-44B	RM63L-44S	M63×1.5	Φ63.4	37	44	20	53	68	75.5	1
RM8L-2.5B-P	RM8L-2.5S-P	M8×1.25	Φ8.2	1	2.5	13	19.5	11.8	13.5	100
RM8L-4B-P	RM8L-4S-P	M8×1.25	Φ8.2	2.5	4	13	19.5	11.8	13.5	100
RM10L-6B-P	RM10L-6S-P	M10×1.5	Φ10.2	3	6	13	20.5	13	14.4	100
RM12S-7B-P	RM12S-7S-P	M12×1.5	Φ12.2	3.5	7	9	20.5	16	17.6	100
RM12L-7B-P	RM12L-7S-P	M12×1.5	Φ12.2	3.5	7	14.5	20.5	16	17.7	100
RM16S-8B-P	RM16S-8S-P	M16×1.5	Φ16.2	4	8	9	23.5	19	21	100
RM16L-8B-P	RM16L-8S-P	M16×1.5	Φ16.2	4	8	15	24	19	21	100
RM20S-12B-P	RM20S-12S-P	M20×1.5	Φ20.2	6	12	10	29	24	26.2	100
RM20L-12B-P	RM20L-12S-P	M20×1.5	Φ20.2	6	12	15	28.5	24	26.2	100
RM25L-17B-P	RM25L-17S-P	M25×1.5	Φ25.2	11	17	15	35	33	36.2	100

AGSP SERIES   STRAIN RELIEF CABLE GLAND

AGSP dimensions
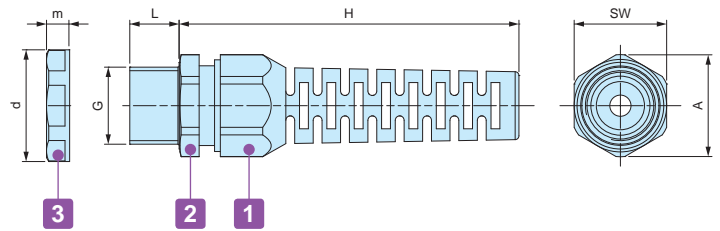
IP67

■ DXF/DWG/PDF drawings available on our website.

Technical Data

Protection class:IP67
Temperature range -30°C ~ +100°C
Compliant with EN50262 Ver.A

Components

■ PA = Polyamide

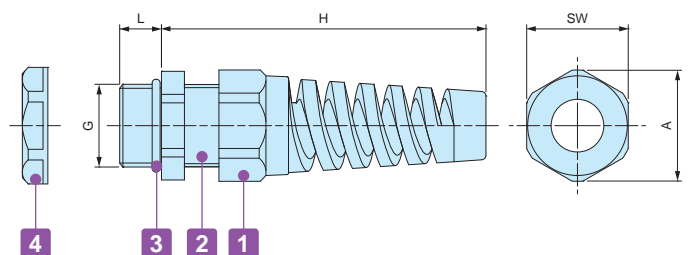| No.	Part name	Material
1	Strain relief cap	PA6 (UL94V-2)
–	Sealing insert	CR
2	Connector	PA6 (UL94V-2)
3	Lock- nut	PA6 (UL94V-2)

Product no. / Dimensions

Product no.		G		Cable range		L	H Max	SW	A	d	m	Pack of
● Black	● Light gray	Thread size	Mounting hole	Min	Max							
AGSP12-6.5B	AGSP12-6.5S	M12×1.5	Φ12.2	3.5	6.5	12.5	57	15	16.7	19	5	1
AGSP16-8B	AGSP16-8S	M16×1.5	Φ16.2	5	8	12.4	69	19	21	24	5	1
AGSP20-12B	AGSP20-12S	M20×1.5	Φ20.2	7	12	13	89	24	26.5	29	6	1

RSP SERIES   STRAIN RELIEF CABLE GLAND

RSP dimensions

IP67

■ DXF/DWG/PDF drawings available on our website.

Technical Data

Protection class : IP67
Temperature range -20°C ~ +80°C

Components

■ PA = Polyamide

No.	Part name	Material
1	Strain relief cap	PA66 (UL94V-2)
–	Sealing insert	NBR
2	Connector	PA66 (UL94V-2)
3	O-ring	NBR
4	Lock- nut	PA66 (UL94V-2)

Product no. / Dimensions

Product no.		G		Cable range		L	H Max	SW	A	Pack of
● Black	● Light gray	Thread size	Mounting hole	Min	Max					
RSP12-6B	RSP12-6S	M12×1.5	φ12.2	3.5	6	9	62	16	17	1
RSP16-8B	RSP16-8S	M16×1.5	φ16.2	4	8	9	69	19.5	21	1
RSP20-11B	RSP20-11S	M20×1.5	φ20.2	6	11	10	82	24	26	1
RSP25-16B	RSP25-16S	M25×1.5	φ25.2	11	16	12	102	33	36	1

AG SERIES — HIGH WATER PROTECTION CABLE GLAND

- High water protection IP68 (1bar / 30min) polyamide cable gland.
- Wide selection, for M8 ~ M50, suitable for Φ2.5mm ~ Φ42 mm cable.
- Super tough and superior heat resistant PA6GF (glass fiber filled PA6) material on cap and connector.
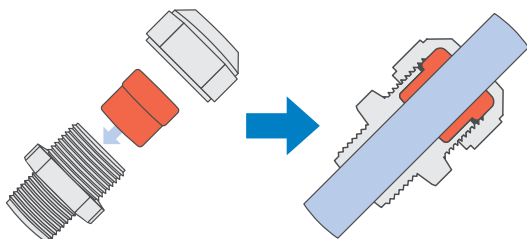- Safer halogen free, eco-friedly product.

Technical Data

Protection class: IP68 1bar / 30min
Operating temperature: -20°C ~ +100°C
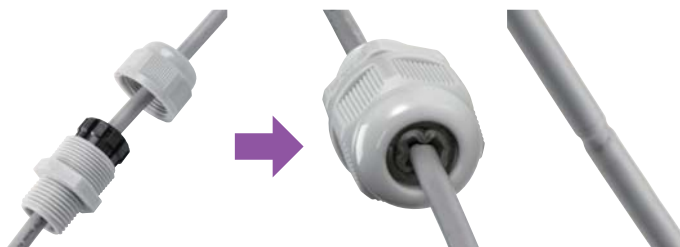Compliant with EN50262 Ver. A

AG Series

Thicker sealing insert evenly hold a cable by having a larger holding area.
Remains durable even after repeated tightening / loosening.

Lamellar insert type

If over-tightened, it can cause the rubber bush or cable to deform, which can allow water to seep in.

Components
■ PA6GF = Polyamide6 Glass Fiber Filled

No.	Part name	Material
1	Cap	PA6GF
2	Sealing insert	TPE
3	Connector	PA6GF
4	Lock nut	PA6

■ Lock nut is not included for M8 and M10 sizes.
  Please drill a proper thread hole into the enclosure for installation.

■ Proper tightening torque varies by each cable diameter.
  Tighten the cap until top of the sealing insert forms a small bead between the cap and the cable.

■ No optional sealing washer is required when installing on an even surface because of the built-in waterproof rib.
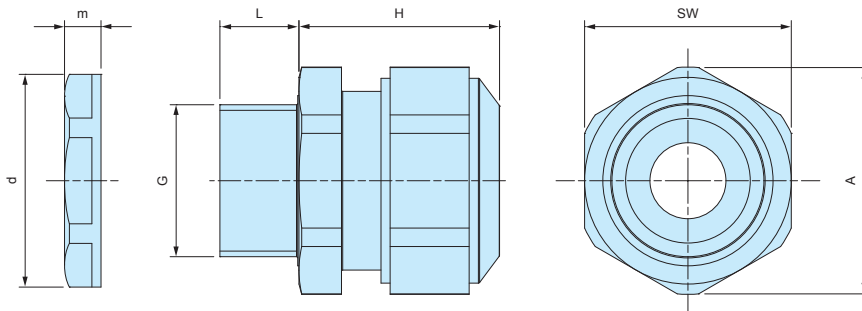
■ An optional sealing washer is required when installing on an uneven surface. (See website for more information on the optional sealing washer)

Waterproof rib

Sealing washer

Sealing washer
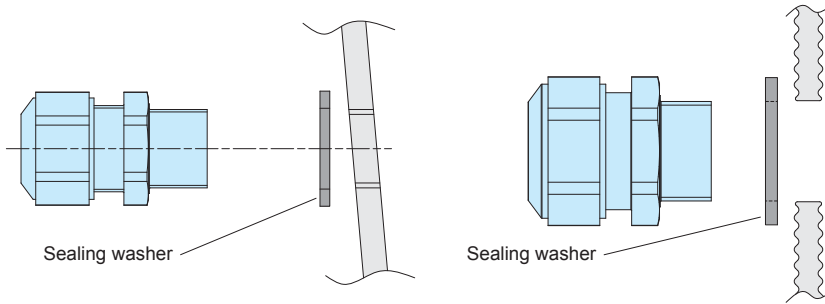
AG dimensions

■ DXF/DWG/PDF drawings available on our website.

■ Lock nut is not included for M8 and M10 sizes.
 Please drill a proper thread hole into the enclosure for installation.

Product no. / Dimensions

Product no.		G		Cable range		L	H Max	SW	A	d	m	Pack of
● Black	● Light gray	Thread size	Mounting hole	Min	Max							
AG8-3.5B	AG8-3.5S	M8×1.0	—	2.5	3.5	10	17	12	13.2	—	—	1
AG8-5B	AG8-5S	M8×1.0	—	3.5	4.7	10	17	12	13.2	—	—	1
AG10-6B	AG10-6S	M10×1.0	—	4	6	10	19	15	16.5	—	—	1
AG12-5B	AG12-5S	M12×1.5	Φ12.2	3.5	4.7	12	23.5	17	18.7	18.8	5	1
AG12-6.5B	AG12-6.5S	M12×1.5	Φ12.2	5	6.5	12	23	17	18.7	18.8	5	1
AG12-8B	AG12-8S	M12×1.5	Φ12.2	6.5	7.8	12	23	17	18.7	18.8	5	1
AG16-10B	AG16-10S	M16×1.5	Φ16.2	8	10	12	26	21	23.1	24.3	5	1
AG20-15B	AG20-15S	M20×1.5	Φ20.2	11	15	13	27	27	29.7	29	6	1
AG25-16B	AG25-16S	M25×1.5	Φ25.2	12.5	16	13	34	34	37.4	36	6.7	1
AG25-20B	AG25-20S	M25×1.5	Φ25.2	16	20	13	34	34	37.4	36	6.7	1
AG32-25.5B	AG32-25.5S	M32×1.5	Φ32.3	21	25.5	15	36	41	45.6	46	8	1
AG40-28.5B	AG40-28.5S	M40×1.5	Φ40.3	24	28.5	15	41	50	55.4	53.5	9	1
AG40-33B	AG40-33S	M40×1.5	Φ40.3	28.5	33	15	41	50	55.4	53.5	9	1
AG50-37B	AG50-37S	M50×1.5	Φ50.4	33	37	16	45	60	65.5	66	9.6	1
AG50-42B	AG50-42S	M50×1.5	Φ50.4	37	42	16	45	60	65.5	66	9.6	1