



Typ KFW



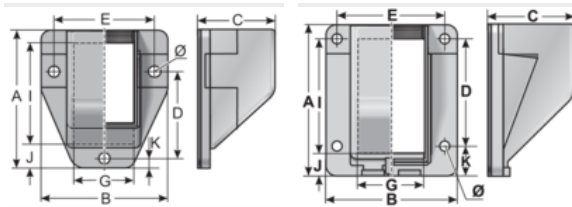
Product information

The KFW bulkhead fittings are made of specially modified polyamide 6. The material is self-extinguishing, and halogen, phosphor and cadmium-free. Bulkhead fittings are available with a metric or Pg thread. The KFW bulkhead fittings with thread are used with both cable and conduit fittings.

The KFW bulkhead fittings feature the following advantages:

- System divided in two for very quick and easy installation of cables
- Subsequent installation of cables is simplified by removable upper part
- Gasket included in delivery

Information, conformities and approvals



Article	Order No.	Color	UV	Internal thread	A mm	B mm	C mm	D mm	E mm	G mm	I mm	J mm	K mm	Ø mm	PU pcs.
KFW M16x1,5	83562450	Black	✓	M16x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW M20x1,5	83562452	Black	✓	M20x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW M25x1,5	83562454	Black	✓	M25x1,5	69	65	44	41.5	51.5	30	42.5	15	6	6	10
KFW M32x1,5	83562456	Black	✓	M32x1,5	90	78	55	64.5	64.5	40	68	9	16	6.5	10
KFW M40x1,5	83562458	Black	✓	M40x1,5	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
KFW M50x1,5	83562460	Black	✓	M50x1,5	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10
KFW M16x1,5	83562410	Gray	✗	M16x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW M20x1,5	83562412	Gray	✗	M20x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW M25x1,5	83562414	Gray	✗	M25x1,5	69	65	44	41.5	51.5	30	42.5	15	6	6	10
KFW M32x1,5	83562416	Gray	✗	M32x1,5	90	78	55	64.5	64.5	40	68	9	16	6.5	10
KFW M40x1,5	83562418	Gray	✗	M40x1,5	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
KFW M50x1,5	83562420	Gray	✗	M50x1,5	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10
KFW 11	83561650	Black	✓	Pg 11	49	47	35	29	37	22.5	27	11	4.5	4.3	10



Typ KFW

Article	Order No.	Color	UV	Internal thread	A mm	B mm	C mm	D mm	E mm	G mm	I mm	J mm	K mm	Ø mm	PU pcs.
KFW 16	83561652	Black	✓	PG 16	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW 21	83561654	Black	✓	PG 21	69	65	44	41.5	51.5	30	42.5	15	6	6	10
KFW 29	83561656	Black	✓	PG 29	90	78	55	64.5	64.5	40	68	9	16	6.5	10
KFW 36	83561658	Black	✓	PG 36	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
KFW 48	83561660	Black	✓	PG 48	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10
KFW 11	83561610	Gray	✗	PG 11	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW 16	83561612	Gray	✗	PG 16	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW 21	83561614	Gray	✗	PG 21	69	65	44	41.5	51.5	30	42.5	15	6	6	10
KFW 29	83561616	Gray	✗	PG 29	90	78	55	64.5	64.5	40	68	9	16	6.5	10
KFW 36	83561618	Gray	✗	PG 36	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
KFW 48	83561620	Gray	✗	PG 48	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10

Material properties



Fitting: mod. polyamide PA 6
Moulded seal: Neoprene (CR) mod. polyamide PA 6
Neoprene (CR)

Thermal properties



Temperature / temperature range -40 °C – 110 °C / short term: 140 °C

Protection class



Protection class IP65

Fire properties



Fire classification acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2: C.I.T. R22 / R23 HL3 : 0.58 NF X 70-100-1/-2 600°C (1112 °F)
LOI R22 / R23 HL3 : ≥ 32 % ISO 4589-2
Ds (max.) R22 / R23 HL3 : 57 ISO 5659-2 (25 kW/m²)



Typ KFW

Fire properties



Fire properties as per NFPA/ASTM E 162
ASTM E 1354
ASTM E 662
Boeing BSS 7239
Boeing BSS 7242
Bombardier SMP 800-C

Chemical resistances



Resistant to: Alcohol
Greases
Fuels
Mineral oils

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval



cURus approval

Classification



ETIM 9: EC001176
ECLASS 14: 27430312
UNSPSC 26.0801: 40183103

General information



Made in Germany