



# Type KFW-Jumbo (90° flange connection)

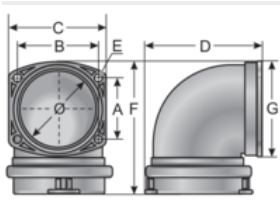


## Product information

The KFW-Jumbo flange connections are made of specially modified polyamide. The material is halogen, phosphor and cadmium-free. The KFW-Jumbo flange connections feature the following advantages:

- Split ring makes assembly easy
- Tightness of IP 52 without DS seal
- Tightness of IP 65 with DS seal (DS seal must be ordered separately if required)
- Dimensionally stable connection ring ensures high tear-out strength
- Safety clips ensure protection against connection ring opening by itself
- O-ring for fastening flange included in delivery

## Information, conformities and approvals



| Article | Order No. | Color | UV | A mm | B mm | C mm | D mm | E mm | F mm | G mm | Ø mm | PU pcs. |
|---------|-----------|-------|----|------|------|------|------|------|------|------|------|---------|
| KFW 56  | 83681220  | Black | ✓  | 60   | 66   | 85   | 101  | 6.5  | 118  | 85   | 66   | 1       |
| KFW 70  | 83681213  | Black | ✓  | 60   | 80   | 96   | 110  | 7    | 137  | 94   | 77   | 1       |
| KFW 80  | 83681215  | Black | ✓  | 74   | 108  | 127  | 144  | 7    | 167  | 128  | 111  | 1       |
| KFW 95  | 83681214  | Black | ✓  | 74   | 108  | 127  | 144  | 7    | 167  | 128  | 111  | 1       |
| KFW 56  | 83681208  | Gray  | ✗  | 60   | 66   | 85   | 101  | 6.5  | 118  | 85   | 66   | 1       |
| KFW 70  | 83681210  | Gray  | ✗  | 60   | 80   | 96   | 110  | 7    | 137  | 94   | 77   | 1       |
| KFW 80  | 83681211  | Gray  | ✗  | 74   | 108  | 127  | 144  | 7    | 167  | 128  | 111  | 1       |
| KFW 95  | 83681212  | Gray  | ✗  | 74   | 108  | 127  | 144  | 7    | 167  | 128  | 111  | 1       |

## Material properties



UL listed material mod. polyamide PA 6 mod. polyamide PA 6



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### Thermal properties



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

### Protection class



Protection class IP52  
IP65 with sealing ring DS

### Fire properties



Fire classification acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2C.I.T. R22 / R23 HL3 : 0,58 EN 17084  
Ds (max.) R22 / R23 HL3 : 57 ISO 5659-2 (25 KW/m²)  
LOI R22 / R23 HL3 : ≥ 32 % ISO 4589-2



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



cURus approval

### Classification



ETIM 9: EC001176  
ECLASS 14: 27430312



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### General information



Made in Germany