

 *Aliaxis*



**FITTINGS
FOR BUTT WELDING**

PP-H

ISO-BSP adaptor fittings

FITTINGS FOR BUTT WELDING

Series of fittings designed for conveying fluids under pressure with a thread and weld connection system (butt welding).

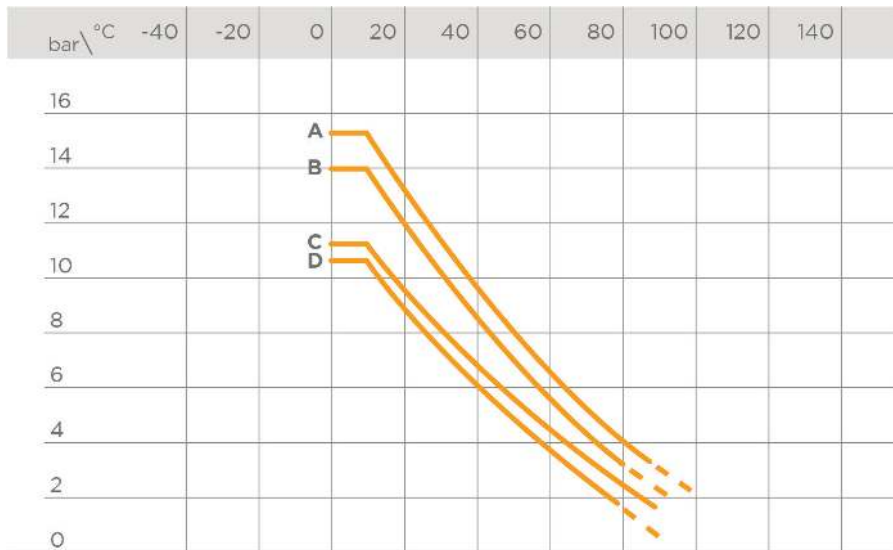
ISO-BSP ADAPTOR FITTINGS

Technical specifications	
Size range	d 20 ÷ 63 (mm); R 1/2" ÷ 2"
Nominal pressure	SDR 17, 6 (PN6) with water at 20 °C SDR 11 (PN10) with water at 20 °C
Temperature range	0 °C ÷ 100 °C
Coupling standards	Welding: EN ISO 15494. Can be coupled to pipes according to EN ISO 15494 Thread: ISO 228-1, DIN 2999
Reference standards	Construction criteria: EN ISO 15494 Test methods and requirements: EN ISO 15494 Installation criteria: DVS 2202-1, DVS 2207-11, DVS 2208-1, UNI 11397
Fitting material	PP-H

TECHNICAL DATA

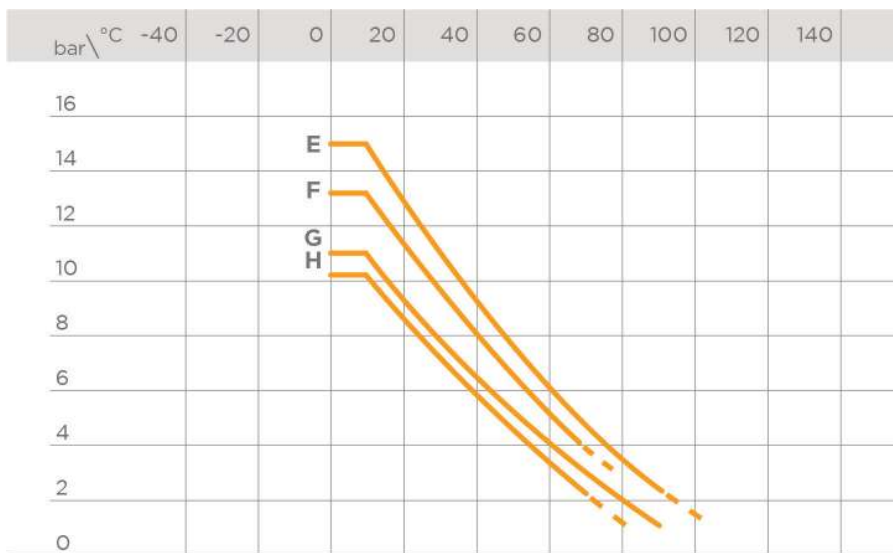
PRESSURE VARIATION ACCORDING TO TEMPERATURE

For water and non-hazardous fluids with regard to which the material is classified as CHEMICALLY RESISTANT. In other cases, a reduction of the nominal pressure PN is required.
 A = SDR 11 ISO-S5 - 5 years
 B = SDR 11 ISO-S5 - 25 years
 C = SDR 17.6 ISO-S8.3 - 5 years
 D = SDR 17.6 ISO-S8.3 - 25 years
 Permissible internal pressure for PP-H fittings for butt welding according to DIN 16962. Safety factor = 1.7



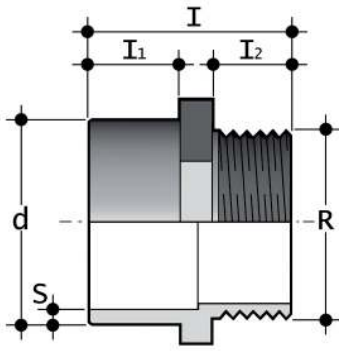
PRESSURE VARIATION ACCORDING TO TEMPERATURE

For water and non-hazardous fluids with regard to which the material is classified as CHEMICALLY RESISTANT. In other cases, a reduction of the nominal pressure PN is required.
 E = SDR 11 ISO-S5 - 10 years
 F = SDR 11 ISO-S5 - 50 years
 G = SDR 17.6 ISO-S8.3 - 10 years
 H = SDR 17.6 ISO-S8.3 - 50 years
 Permissible internal pressure for fittings for butt welding according to DIN 16962 and for PP-H pipes according to DIN 8077. Safety factor = 1.7



The information in this leaflet is provided in good faith. No liability will be accepted concerning technical data that is not directly covered by recognised international standards. FIP reserves the right to carry out any modification. Products must be installed and maintained by qualified personnel.

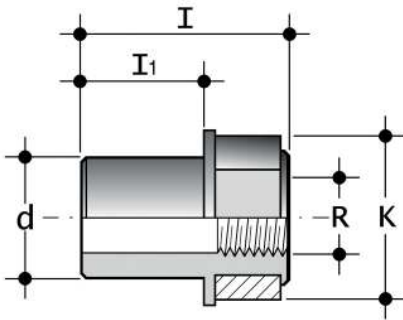
DIMENSIONS



KBFM

Double adaptor for butt welding (d), BSP (R) threaded male end

d x R	I	i ₁	i ₂	SDR 11 - S 5 S	g	PN10 code SDR 11 - S 5
20 x 1/2"	58	38	14	1.9	9	KBFM11020012S
25 x 3/4"	61	41	14	2.3	12	KBFM11025034S
32 x 1"	69	44	18	2.9	22	KBFM11032100S
40 x 1" 1/4	75	49	19	3.7	37	KBFM11040114S
50 x 1" 1/2	82	55	20	4.6	58	KBFM11050112S
63 x 2"	91	63	21	5.8	95	KBFM11063200S



DBMM

Double adaptor for butt welding (d), BSP (R) threaded female end

d x R	K	I	i ₁	SDR - S 5 S	g	PN10 code SDR 11 - S 5
20 x 1/2"	30	58	39	1.9	16	DBMM11020012S
25 x 3/4"	36	63	41	2.3	22	DBMM11025034S
32 x 1"	46	71	44	2.9	39	DBMM11032100S
40 x 1" 1/4	55	79	49	3.7	58	DBMM11040114S
50 x 1" 1/2	62	84	55	4.6	80	DBMM11050112S
63 x 2"	75	97	63	5.8	140	DBMM11063200S