AVK SUPA MAXI™ FLANGE ADAPTOR, PN16 633/00-001

Universal and tensile, A2 bolts, EPDM sealing

AVK's Supa Maxi™ range of universal tensile couplings sets a new standard. The patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket and full tensile strength on all pipe types up to PN16. Supa Maxi™ couplings are easy to install as they offer ±4° angular deflection in each end, lifting eyes, and bolts tightened from the sleeve side with no need for retightening. The permanent protection caps protect the couplings during transport and installation.

Product description:
Supa Maxi™ flange adaptor, universal and tensile with A2 bolts / A4 nuts. For drinking water and neutral liquids -20°C to +70°C

Standards:
- Designed according to EN 14525
- Universal flange drilling to EN1092 (ISO 7005-2), PN 10/16

Test/Approvals:
- Approved according to ACS-France
- Belgaqua approved material
- Approved according to KIWA Certificate K 66561/02
- Approved according to ÖVGW Certificate W 1.604
- Approved according to SVGW Certificate No. 1205-6041

Features:
- Patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket even at minimum pipe size
- Full tensile strength on all pipes is ensured by two different metal grip segments - every other of gunmetal for PE/PVC and of hardened stainless steel for cast iron/ductile iron/steel/stainless steel/GRP/asbestos cement pipes. For PE pipes a support bush is to be used.
- Metal grip segments are mounted with pins for maximum durability
- ±4° angular deflection at max. 1.5 x PN16
- Large tolerance ranges
- All DNs are for PN16 (stainless steel, AC, Bi-PVC, and CFW GRP pipes max. PN10)
- Ductile iron body and bracket of cast steel, fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved
- Gasket of drinking water approved EPDM rubber
- Bolts of A2 and nuts of A4 are anti-friction coated to prevent galling
- Permanent protection cap protects the coupling during handling and installation
- The pipe will not move inwards when tightening
- Bolts are tightened from the sleeve side for full access when space is limited
- Re-tightening of bolts is not necessary
- Lifting eye in DN100-600
- DN50-600 are designed for PN16 (1.5 x 16 = 24 bar). DN50-300 are tested and approved for PN16 by KIWA according to EN 14525, and for DN350-600 KIWA EN 14525 approval is pending

Expect... AVK

The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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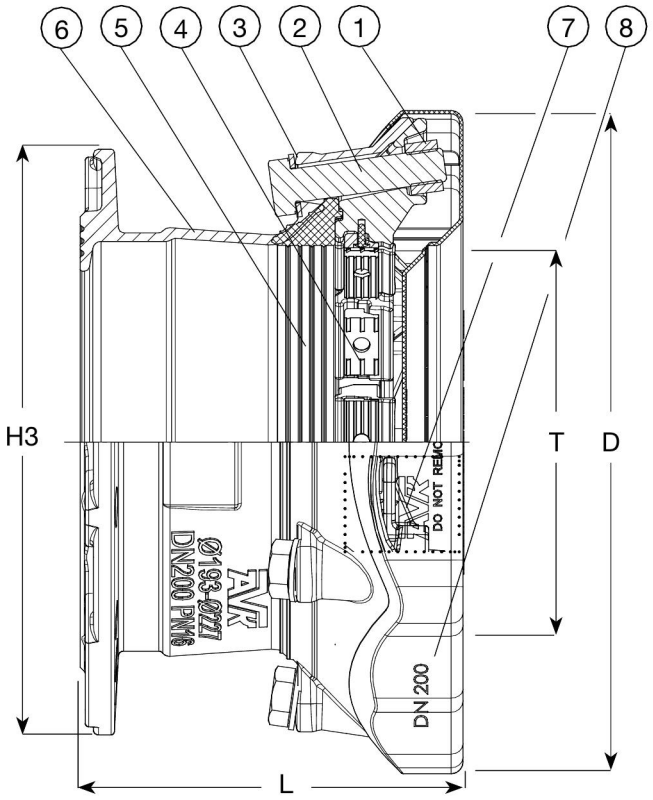

DN	Supa Maxi end	Multi drilling*
40/50	3 x M14 x 75 mm	1, 2, 3, 4, 5, 8, 9, 10
50/65	3 x M16 x 75 mm	1, 2, 3, 4, 5, 8, 9, 10
80	3 x M16 x 75 mm	1, 2, 3, 4, 5, 8, 9, 10, 11, 12
100	4 x M16 x 75 mm	1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12
150	4 x M16 x 80 mm	1, 2, 5, 9, 11, 12
200	6 x M20 x 100 mm	1, 2, 5, 8, 9, 11, 12
250	6 x M20 x 100 mm	1, 2, 5
300	8 x M20 x 110 mm	1, 2, 5, 9, 11, 12
350	9 x M24 x 120 mm	1,3, 10
400	10 x M24 x 120 mm	1, 2
450	12 x M24 x 120 mm	1
500	14 x M24 x 120 mm	1
600	18 x M24 x 130 mm	1

Drilling*

1: ISO 7005-2, EN 1092-2: 1997, DIN 2501 (universal drilling)
2: ANSI B16.1 CL 125
3: BS 10 Table A
4: BS 10 Table D
5: BS 10 Table E
6: BS 10 Table F
7: BS 10 Table H
8: DIN 1882
9: AS 2129 Table D+E
10: AUG-TAU
11: AS 4087 Fig. B5
12: AS 4087 Table D

Component list:

1.	Nut	Stainless steel A4	5.	Gasket	EPDM rubber
2.	Bolt	Stainless steel A2	6.	Sleeve	Ductile iron GJS-450-10
3.	Washer	Stainless steel A2	7.	Bracket	Cast steel
4.	Grip segment	Stainless steel / bronze CC491K	8.	Protection cap	PE

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	DN	Product	T	L	D	H3	Theoretical
	mm	PN Class	mm	mm	mm	mm	weight / kg
633-071-00-006	40-50	PN16	48 - 71	197	200	165	5.0
633-091-00-006	50-65	PN16	69 - 91	197	226	185	6.0
633-106-00-006	80	PN16	82 - 106	198	235	200	6.5
633-133-00-006	100	PN16	104 - 133	203	268	229	9.0
633-133-01-006	80	PN16	104 - 133	210	268	200	9.0
633-161-00-006	100	PN16	132 - 159	198	285	254	11
633-161-01-006	150	PN16	132 - 159	198	285	254	11
633-188-00-006	150	PN16	159 - 188	220	340	285	12
633-227-00-006	200	PN16	193 - 227	243	389	343	19
633-257-00-006	250	PN16	224 - 257	245	437	406	25
633-257-01-006	200	PN16	224 - 257	245	437	406	25
633-301-00-006	250	PN16	266 - 301	254	476	406	28
633-356-00-006	300	PN16	314 - 356	282	545	483	38
633-396-00-006 (1)	350	PN16	352 - 396	419	612	612	87
633-442-00-006 (1)	400	PN16	392 - 442	447	661	597	80
633-510-00-006 (1)	450	PN16	448 - 510	614	740	740	145
633-552-00-006 (1)	500	PN16	498 - 552	605	772	735	166
633-652-00-006 (1)	600	PN16	604 - 652	634	872	872	213

(1) KIWA EN 14525 approval is pending