



AVK SUPA MAXI™ FLANGE ADAPTOR, PN 16

633/00

Universal and tensile, A2 bolts, EPDM sealing

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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 PN 16. Supa Maxi™ couplings are very easy to mount with the possibility of $\pm 4^\circ$ angular deflection, the permanent protection caps, the lifting eye and the fact that they are tightened from the sleeve side with no need for re-tightening the bolts.

Product Description:

Supa Maxi™ flange adaptor - universal & tensile - 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 KIWA Certificate K 66561/01
- 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
- $\pm 4^\circ$ angular deflection at max. 1.5 x PN 16
- Large tolerance ranges
- All DN's are for PN 16 (stainless steel, AC, Bi-PVC, and CFW GRP pipes max. PN 10)
- Ductile iron body and bracket of cast steel, epoxy coated according to DIN 30677-2 and 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 DN 100-400
- Design pressure 29 bar according to EN 14525 (DN 400: 27 bar for PE-pipes). Working pressure max. 16 bar. Max. test pressure according to pipe standard.



kiwa

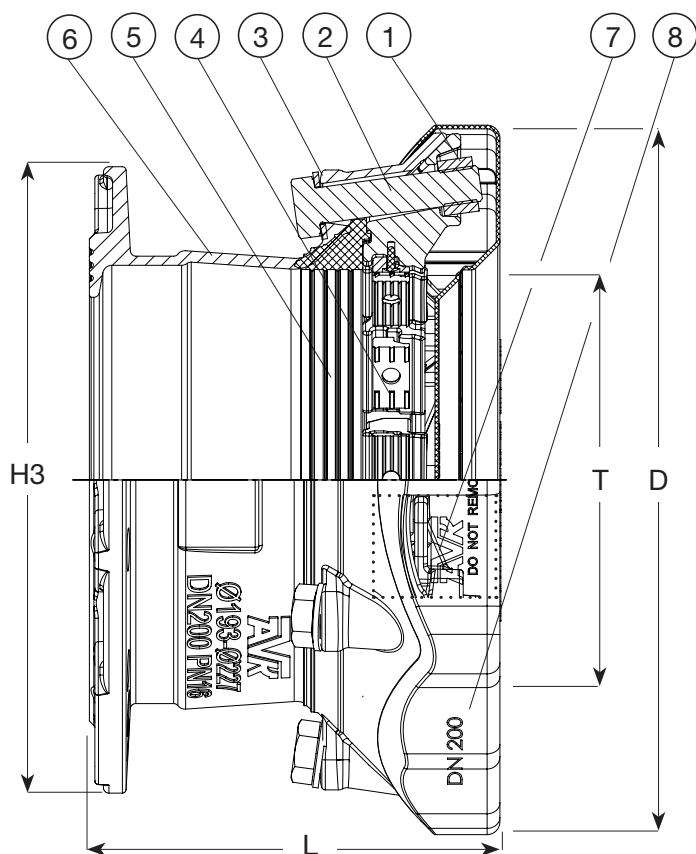


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DN	Supa Maxi end	Multi drilling*
40/50	3 x M14 x 75 mm	1, 2, 3, 4, 5, 8, 9, 10
50/65	3 x M16 x 75 mm	1, 2, 3, 4, 5, 8, 9, 10
80	3 x M16 x 75 mm	1, 2, 3, 4, 5, 8, 9, 10, 11
100	4 x M16 x 75 mm	1, 2, 3, 4, 5, 6, 7, 8, 9, 11
150	4 x M16 x 90 mm	1, 2, 5, 9, 11
200	6 x M20 x 100 mm	1, 2, 5, 8, 9, 11
250	6 x M20 x 100 mm	1, 2, 5
250	6 x M20 x 100 mm	1, 2, 5
300	8 x M20 x 100 mm	1, 2, 5, 9, 11
400	10 x M24 x 120 mm	1, 2

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

Component List:

1. Nut	Acid resistant stainless steel A4	2. Bolt	Stainless steel A2
3. Washer	Stainless steel A2	4. Grip segment	Gunmetal RG5 and stainless steel
5. Gasket	DVGW/NF approved EPDM rubber	6. Sleeve	Ductile iron GJS-450 (GGG-45)
7. Bracket	Cast steel	8. Protection cap	Recyclable PE

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

Reference Nos. and Dimensions:

AVK ref. nos	DN mm	Product PN Class	T mm	L mm	D mm	H3 mm	Theoretic. 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 - 161	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
633-301-00-006	250	PN16	266 - 301	254	476	406	28
633-356-00-006	300	PN16	314 - 356	282	545	483	38
633-442-00-006 ⁽¹⁾	400	PN16	392 - 442	447	661	597	80

⁽¹⁾ KIWA approval pending