



## 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  $\pm 4^\circ$  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:

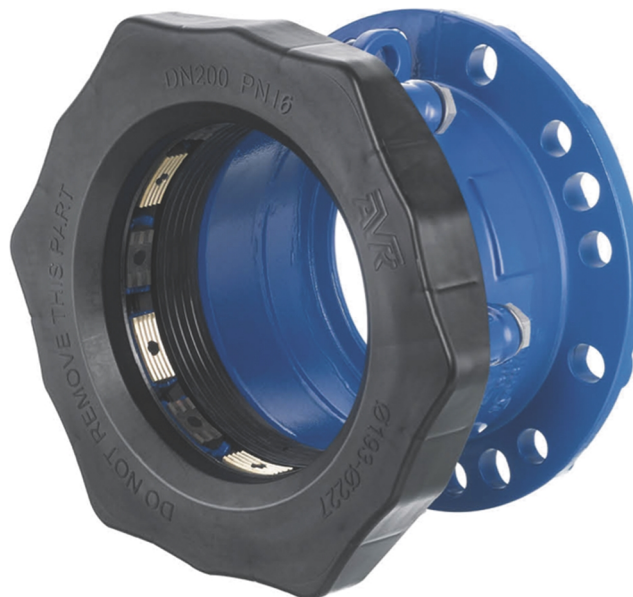
- Designed according to EN 14525
- Universal flange drilling to EN1092 (ISO 7005-2), PN 10/16

### Test/Approvals:

- Approved according to ACS-France
- 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
- $\pm 4^\circ$  angular deflection at max. 1.5 x PN16
- Large tolerance ranges
- All DN's are for PN16 (stainless steel, AC, Bi-PVC, and CFW GRP pipes max. PN10)
- 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 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



kiwa



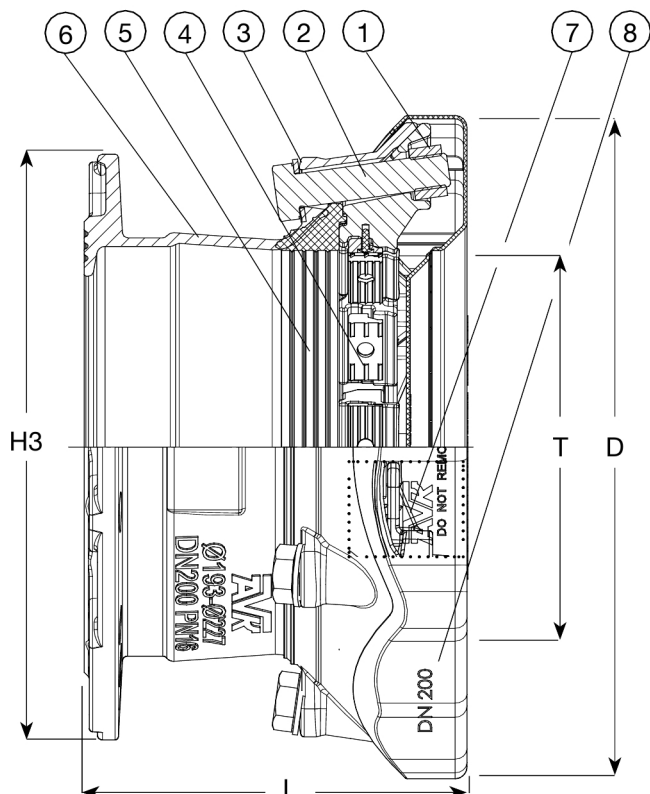
Expect ... **AVR**

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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
125	4 x M16 x 75 mm	1, 2, 3, 4, 5, 6, 7, 8, 9, 11
150	4 x M16 x 80 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
300	8 x M20 x 110 mm	1, 2, 5, 9, 11
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)	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	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 mm	Product PN Class	T mm	L mm	D mm	H3 mm	Theoretical 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	540	87
633-442-00-006 (1)	400	PN16	392 - 442	447	661	597	80
633-510-00-006 (2)	450	PN16	448 - 510	614	740	660	145
633-552-00-006 (2)	500	PN16	498 - 552	605	772	735	166
633-652-00-006 (2)	600	PN16	604 - 652	634	872	850	213

(1) KIWA EN 14525 approval is pending  
(2) KIWA EN 14525 approval is pending. Protection cap in fabric

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