ALUMINIUM CAMLOCK PART-AA

Type AA Cam and Groove Male Adapter x Male Adapter · Die-cast aluminium · A-A-59326 (MIL-C-27487)

BRAND: SW FLOW CONTROLS | SKU: SW-0009 | SIZE 2" to 6" | UP TO 10 BAR / 145 PSI

FIG. 1 | ALUMINIUM CAMLOCK PART-AA, TYPE AA MALE ADAPTER X MALE ADAPTER

PRODUCT OVERVIEW

The SWBM Aluminium Camlock Part-AA is a Type AA cam and groove fitting that joins two female camlock couplers, for example two hoses fitted with Type C couplers. It suits quick, repeated connection and disconnection of hoses and pipework in transfer duties.

The male groove end locks into any matching camlock coupler of the same size, whose cam arms and gasket make the seal. The connection is made or broken by hand, without tools. Die-cast aluminium keeps the fitting light and easy to handle on hoses, tankers and temporary lines.

Product type	**Type AA, male adapter x male adapter**
End 1	**Male camlock adapter (groove)**
End 2	**Male camlock adapter (groove)**
Body material	**Die-cast aluminium**
Pressure rating	**Up to 10 bar (145 psi)**
Size range	**2" to 6" (DN50 to DN150), equal and reducing**

TECHNICAL SPECIFICATION

Design pattern	**A-A-59326 (MIL-C-27487)**
Body	**Die-cast aluminium, ASTM B26 356.0-T6**
Connection	**None**
Seal	**Gasket of mating coupler**
Cam arms	**Not applicable**
Pins and pull rings	**Not applicable**

Working pressure	**Up to 10 bar, all sizes**
Temperature	**-20°C to +100°C, NBR seal**
Mates with	**Type B, C, D and DC couplers on both ends**
Operation	**Push fit into coupler**
Excluded service	**Compressed air, steam**
Size range	**2" to 6"**

BILL OF MATERIALS

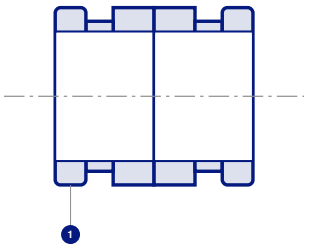

FIG. 2 | SECTIONAL ARRANGEMENT, SCHEMATIC

#	COMPONENT	MATERIAL
1	Body, one piece	Die-cast aluminium, ASTM B26 356.0-T6

One piece construction with no loose parts. The joint is sealed by the gasket of the mating coupler.

DIMENSIONS AND WEIGHTS

SIZE	CONFIGURATION	END 1	END 2	LENGTH AND WEIGHT
2"	Equal	Adapter	Adapter	On request
2.1/2"	Equal	Adapter	Adapter	On request
3"	Equal	Adapter	Adapter	On request
4"	Equal	Adapter	Adapter	On request
6"	Equal	Adapter	Adapter	On request
2.1/2" x 2"	Reducing	Adapter	Adapter	On request
3" x 2"	Reducing	Adapter	Adapter	On request
3" x 2.1/2"	Reducing	Adapter	Adapter	On request
4" x 2"	Reducing	Adapter	Adapter	On request
4" x 3"	Reducing	Adapter	Adapter	On request
6" x 4"	Reducing	Adapter	Adapter	On request
6" x 5"	Reducing	Adapter	Adapter	On request

Reducing sizes are listed with the larger end first; state both end sizes when ordering. Camlock ends follow the A-A-59326 pattern and mate with standard fittings of the same size. Overall length and weight vary with the size combination and are given on the certified drawing, issued on request.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0009
Equal sizes	2", 2.1/2", 3", 4", 6"
Reducing sizes	2.1/2" x 2", 3" x 2", 3" x 2.1/2", 4" x 2", 4" x 3", 6" x 4", 6" x 5"
Material	Die-cast aluminium
Order example	**SW-0009 / 2"**

Stock held in Dubai for fast despatch across the UAE and GCC. Contact our sales desk for pricing, availability, project quantities and certification requirements.

PRESSURE AND TEMPERATURE

Maximum working pressure	**Up to 10 bar (145 psi)**
Applies to	**All sizes and configurations**
Gasket	**NBR (Buna-N)**
Temperature	**-20°C to +100°C, NBR seal**

Maximum working pressure at +21°C with a standard NBR gasket. The rating of a joint is set by the lower rated of the two mating parts. Not for compressed air or steam service. Confirm duty with SWBM for elevated temperature or aggressive media.

COMPLIANCE AND QUALITY

- Designed to A-A-59326 (MIL-C-27487)
- Body: Die-cast aluminium, ASTM B26 356.0-T6
- Interchangeable with standard cam and groove fittings of the same size
- Do not weld die-cast components

TYPICAL APPLICATIONS

- Water transfer and dewatering
- Fuel and petroleum product transfer
- Chemical transfer, subject to compatibility
- Agriculture and irrigation
- Construction sites and tanker loading
- Oil and gas and general industrial service

INSTALLATION AND OPERATION

- Keep the groove and sealing face clean and free of damage
- Insert fully into the coupler before closing its cam arms
- Release pressure and drain the line before disconnecting

COMPANY

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