ALUMINIUM CAMLOCK PART-DP

Type DP Cam and Groove Dust Plug · Die-cast aluminium · A-A-59326 (MIL-C-27487)

BRAND: SW FLOW CONTROLS | SKU: SW-0006 | SIZE 1/2" to 6" | UP TO 10 BAR / 145 PSI



FIG. 1 | ALUMINIUM CAMLOCK PART-DP, TYPE DP DUST PLUG

PRODUCT OVERVIEW

The SWBM Aluminium Camlock Part-DP is a Type DP cam and groove fitting that closes an open female camlock coupler to keep out dirt and moisture and to prevent spillage. 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 DP, dust plug**
End 1	**Male camlock adapter (groove)**
End 2	**Closed end**
Body material	**Die-cast aluminium**
Pressure rating	**Up to 10 bar (145 psi)**
Size range	**1/2" to 6" (DN15 to DN150)**

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 and D couplers**
Operation	**Push fit into coupler**
Excluded service	**Compressed air, steam**
Size range	**1/2" to 6"**

BILL OF MATERIALS

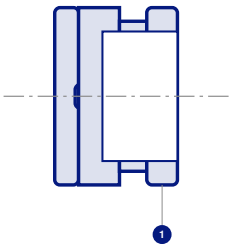


FIG. 2 | SECTIONAL ARRANGEMENT, SCHEMATIC

#	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. A chain or cord can be attached at the lug where fitted.

DIMENSIONS AND WEIGHTS

SIZE	DN	CONNECTION	A	B	C	WEIGHT (KG)
3/4"	20	Closed	38	30.2	32.04	0.04
1"	25	Closed	48.5	36.5	36.7	0.05
1.1/4"	32	Closed	54	39.7	45.45	0.10
1.1/2"	40	Closed	58.6	41.67	53.4	0.12
2"	50	Closed	66	48	63.03	0.18
2.1/2"	65	Closed	68.2	53	75.78	0.25
3"	80	Closed	71	56	91.47	0.32
4"	100	Closed	72.79	52.78	119.52	0.60
6"	150	Closed	95.53	58.6	175.93	1.09

All dimensions in mm. A = overall length, B = adapter length, C = adapter outside diameter. Sizes 1/2" and 5" against enquiry. Dimensions and weights are nominal and given for guidance only. Certified drawings are issued on request.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0006
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2", 3", 4", 5", 6"
Material	Die-cast aluminium
Order example	**SW-0006 / 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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