STAINLESS STEEL CAMLOCK PART-DC

Type DC Cam and Groove Dust Cap · Stainless steel 316 · A-A-59326 (MIL-C-27487)

BRAND: SW FLOW CONTROLS | SKU: SW-0025 | SIZE 1/2" to 6" | UP TO 16 BAR / 232 PSI



FIG. 1 | STAINLESS STEEL CAMLOCK PART-DC, TYPE DC DUST CAP

PRODUCT OVERVIEW

The SWBM Stainless Steel Camlock Part-DC is a Type DC cam and groove fitting that closes an open male camlock adapter to keep out dirt and moisture and to prevent spillage. It suits quick, repeated connection and disconnection of hoses and pipework in transfer duties.

Two cam arms on the coupler lock over the groove of the mating adapter and compress the gasket to seal the joint. The connection is made or broken by hand, without tools. The 316 stainless steel body gives high corrosion resistance and suits hygienic, chemical and marine duties.

Product type	**Type DC, dust cap**
End 1	**Female camlock coupler (cam arms)**
End 2	**Closed end**
Body material	**Stainless steel 316**
Pressure rating	**Up to 16 bar (232 psi)**
Size range	**1/2" to 6" (DN15 to DN150)**

TECHNICAL SPECIFICATION

Design pattern	**A-A-59326 (MIL-C-27487)**	Working pressure	**Up to 16 bar, all sizes**
Body	**Stainless steel 316 (CF8M, ASTM A351)**	Temperature	**-20°C to +100°C, NBR seal**
Connection	**None**	Mates with	**Type A, E and F adapters**
Seal	**Gasket, NBR (Buna-N)**	Operation	**Hand operated cam lever**
Cam arms	**Stainless steel**	Excluded service	**Compressed air, steam**
Pins and pull rings	**Stainless steel**	Size range	**1/2" to 6"**

BILL OF MATERIALS

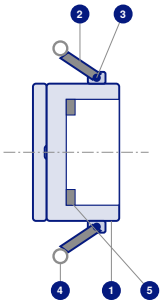


FIG. 2 | SECTIONAL ARRANGEMENT, SCHEMATIC

#	COMPONENT	MATERIAL
1	Body	Stainless steel 316 (CF8M, ASTM A351)
2	Cam arm (2 per coupler)	Stainless steel
3	Cam arm pin	Stainless steel
4	Pull ring	Stainless steel
5	Gasket	NBR (Buna-N)

Gasket and cam arms are replaceable. Safety clips may be fitted to the pull rings to stop the arms opening. Alternative gasket elastomers against enquiry.

DIMENSIONS AND WEIGHTS

SIZE	DN	CONNECTION	A	B	C	WEIGHT (KG)
3/4"	20	Closed	44	33	52	0.19
1"	25	Closed	51	38	60	0.28
1.1/4"	32	Closed	58	42	83	0.45
1.1/2"	40	Closed	61	45	90	0.51
2"	50	Closed	63	51	100	0.69
2.1/2"	65	Closed	69.5	52	111	0.80
3"	80	Closed	68	54	133	1.20
4"	100	Closed	72	58	165	1.68
6"	150	Closed	80	65	231	4.13

All dimensions in mm. A = overall length, B = coupler length, C = width over cam arms. 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-0025
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2", 3", 4", 5", 6"
Gasket	NBR standard, other elastomers against enquiry
Material	Stainless steel 316
Order example	**SW-0025 / 2" / NBR**

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 16 bar (232 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.

TYPICAL APPLICATIONS

- Petrochemical and oil and gas transfer
- Food, beverage and vegetable oil handling
- Chemical transfer, subject to compatibility
- Water treatment and water supply
- Marine and abrasive service
- General industrial fluid transfer

COMPLIANCE AND QUALITY

- Interchangeable with A-A-59326 (MIL-C-27487) fittings
- Body: Stainless steel 316 (CF8M, ASTM A351)
- Interchangeable with standard cam and groove fittings of the same size
- Stainless steel cam arms, stainless steel pins and stainless steel pull rings
- Replaceable NBR gasket
- All stainless steel construction, including cam arms, pins and rings

INSTALLATION AND OPERATION

- Open both cam arms fully before inserting the adapter
- Close both arms together and secure the pull rings or safety clips
- Check the gasket before each connection and replace if cut or swollen
- Release pressure and drain the line before disconnecting

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