

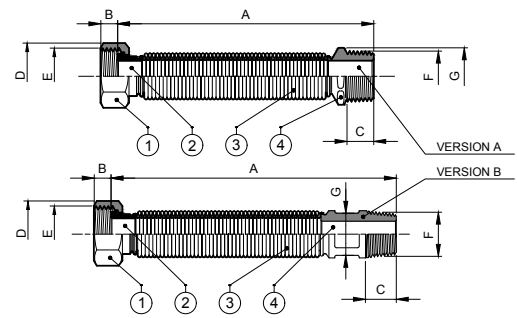
Approvato da:
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ASTROFLEX S.P.A. TORINO ITALY
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DISEGNO DI PRODOTTO ASTROFLEX S.P.A.
 LA RIPRODUZIONE, L'UTILIZZO E LA CESSIONE A
 TERZI SONO VIETATI A TERMINI DI LEGGE.

FMT 132.4



CONSTRUCTION

- Cylindrical thread E according to ISO 228/1.
- Conical thread F according to ISO 7/1.
- The ASTROLINK flexible hose is supplied to minimum length A MIN, with ± 5 mm tolerance for lengths up to 250 mm and $\pm 2\%$ mm for longer.
- Solubilized flexible hose.

COMPONENTS

1) Nut	dwg 3694-000	mat. EN 121285	CW617N
2) Holder	dwg 9379-000	mat. EN 10088-1	1.4305 (AISI 303)
3) Flexible	dwg 4425-000	mat. EN 10088-1	1.4404 (AISI 316L)
4) Male ND 10 - 40	dwg 3697-000	mat. EN 10088-1	1.4305 (AISI 303)
ND 50	dwg 11123-000	mat. EN 10088-1	1.4301 (AISI 304)

WORKING CONDITIONS

The ASTROLINK flexible hose is suitable for water applications.

The Nominal Pressure (NP) shown on the table is the admissible working pressure when the hose is extended for the 30% of the supplied length A MIN.

The Bursting Pressure (BP) shown on the table is the minimum bursting pressure when the hose is in a straight line.

The max admissible flow rate Q is referred to a hoses extended for the 30% of the supplied length A MIN.

ASSEMBLING INSTRUCTIONS

The ASTROLINK flexible hose has to be installed from qualified personnel only, otherwise ASTROFLEX SPA will reject any responsibility for incoming damages.

The flexible hose bending radius shall not be lower than the double of its nominal diameter DN.

Avoid any form of torsion of the flexible hose.

Never connect two or more ASTROLINK flexible hoses among them.

For the installation pls. refer to the following procedure:

- 1) Joint the male to the fix pipe.
- 2) Extend the flexible hose to the desired length without exceeding the allowed max length A.
- 3) Put the gasket of the holder and clamp the nut to the fix pipe.
- 4) Check the integrity of the connections.
- 5) Check the absence of vibrations or whistles during the working conditions of the flexible hose, otherwise replace the installed flexible hose with another one having a higher diameter.

4	19/11/2019	WAS 3695-000	PAOLA	CASTELLI
REV.	DATA	DESCRIZIONE	DISEGNATO	RICHESTO
GRADO DI PRECISIONE MEDIO SECONDO UNI EN 22768-1 PER QUOTE SENZA TOLLERANZA DI COMPONENTI OTTENUTI DA LAVORAZIONE MECCANICA				
PPC	PESO (g)	MATERIALE	TRATTAMENTO TERMISUP	
		DENOMINAZIONE: EXTENSIBLE HOSE ASTROLINK		DISEGNO N. 3693-000
				REV. 4

CODE	A		B	C	D	E	F	G	DN	NP [bar]	BP [bar]	Q [l/h]	VERSION
	MIN	MAX											
3693-101	80	130											
3693-102	105	200											
3693-10A	150	300											
3693-103	200	400											
3693-107	250	500											
3693-109	300	600											
3693-10B	400	800	7	11	20	3/8"	3/8"	17	10	12	100	200	A
3693-104	500	1000											
3693-108	600	1200											
3693-105	750	1500											
3693-106	1000	2000											
3693-121	80	130											
3693-122	105	200											
3693-12A	150	300											
3693-123	180	400											
3693-127	250	500											
3693-129	300	600											
3693-12B	400	800	8	14	24	1/2"	1/2"	22	12	10	90	300	A
3693-124	500	1000											
3693-128	600	1200											
3693-125	750	1500											
3693-126	1000	2000											
3693-161	80	130											
3693-162	105	200											
3693-16A	150	300											
3693-163	180	400											
3693-167	250	500											
3693-169	300	600											
3693-16B	400	800	10	14	30	3/4"	1/2"	22	16	6	90	1400	A
3693-164	500	1000											
3693-168	600	1200											
3693-165	750	1500											
3693-166	1000	2000											
3693-201	80	130											
3693-202	105	200											
3693-20A	150	300											
3693-203	180	400											
3693-207	250	500											
3693-209	300	600											
3693-20B	400	800	10	15	30	3/4"	3/4"	27	20	4	80	2200	A
3693-208	600	1200											
3693-205	750	1500											
3693-206	1000	2000											
3693-251	80	130											
3693-252	105	200											
3693-25A	150	300											
3693-253	180	400											
3693-254	250	500											
3693-259	300	600											
3693-25B	400	800	10	18	36	1"	1"	36	25	4	80	3400	A
3693-254	500	1000											
3693-258	600	1200											
3693-255	750	1500											
3693-256	1000	2000											
3693-321	85	130											
3693-322	105	200											
3693-32A	150	300											
3693-323	180	400											
3693-327	250	500											
3693-329	300	600											
3693-32B	400	800	10	20	46	1 1/4"	1 1/4"	42	32	3	60	5500	A
3693-324	500	1000											
3693-328	600	1200											
3693-325	750	1500											
3693-328	1000	2000											
3693-401	125	200											
3693-40A	180	300											
3693-402	200	400											
3693-403	250	500											
3693-404	300	600											
3693-501	130	200											
3693-60A	180	300											
3693-602	200	400											
3693-603	250	500	11	20	53	1 1/2"	1 1/2"	50	40	3	50	8500	A
3693-604	300	600											
3693-504	300	600	12	25	64	2"	2"	55	50	3	40	13500	B