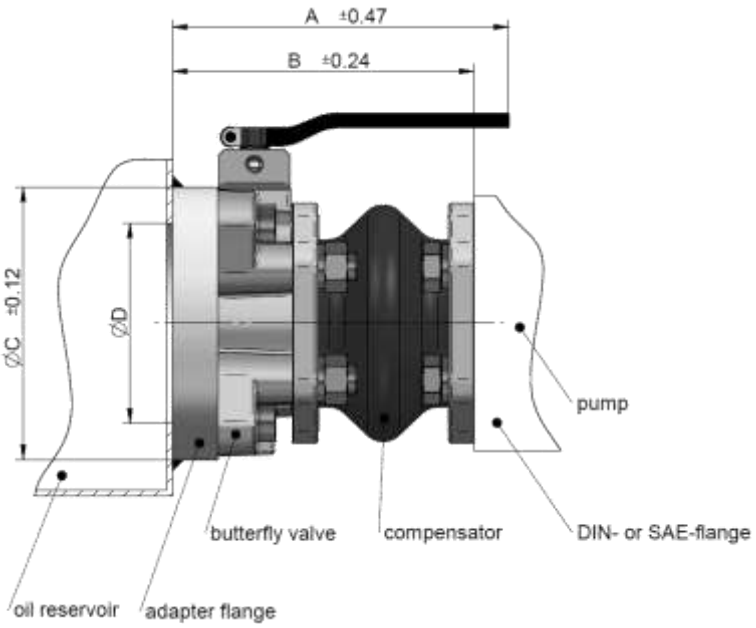
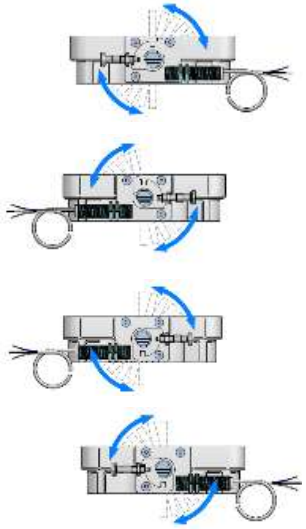
Suction Line / Stainless Steel Series
Suction Unit SAE 2“ to SAE 3“ in stainless steel 1.4404

The asa suction unit has been developed to provide a compact unit in hydraulic systems. The asa butterfly flange with SAE connections allows the combination with an elastic element (rubber compensator) to make a short compensating and economical connection with the pump port. The asa suction unit is screwed to the asa adapter flange, which is welded to the tank. Due to low installation costs and compact design, purchasing asa suction units is cost effective. A switch (mechanical or inductive) can be mounted on the standard block for monitoring matters.



possible valve positions and actuating directions*)



*)...the shown valve is attached with the optional available inductive limit switch. Please contact us to discover all functions and options.

Technical Data

order number	description	size		A	B	C	D	weight
		SAE	DIN	[in]	[in]	[in]	[in]	[lbs]
SDAK0050TSSU00	ESAF – 50 SS	2“	50	7.28	6.61	5.91	4.06 ±0.04	13.6
SDAK0063TSSU00	ESAF – 63 SS	2 ½“	65	7.28	6.50	5.91	4.06 ±0.04	14.0
SDAK0080TSSU00	ESAF – 80 SS	3“	80	7.28	6.54	5.91	4.06 ±0.04	17.4

Working Ranges

working pressure range	7-22 PSI (absolute)
temperature range	-4°F to +176°F

Material

butterfly valve housing	stainless steel 1.4404
valve disc	stainless steel 1.4404
valve sealing	NBR
compensator flange	stainless steel 1.4404
compensator rubber inside	NBR 70 Shore ± 5
compensator rubber outside	CR/NR (Chloroprene/Naturalrubber)
adapter flange	stainless steel 1.4404

Options

locking pin	with key-lock system (page 6)
limit switch	inductive type (page 6)



Please read manual before installation and for the maximum movement tolerances of the rubber connection! Note, that the dimension tolerances have to be taken from the corresponding scale drawing.

This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually. asa assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. Any cooling performances and general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures or calculated, based on such tests. Due to different conditions in testing and application environments the performance may also vary by +/- 15%. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Therefore we recommend all products to be checked under the system operating conditions. This is also true for vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to DIN ISO 2768-vL, General tolerances for casted parts according EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3302-1 (class M4-F+C).. The tolerances of welding seams are defined by quality group D according to EN ISO 10042, if it is not specified on the actual scale drawing or data sheet. In addition to that we point out that any data sheet and corresponding scale drawing is no substitution for the manual.

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