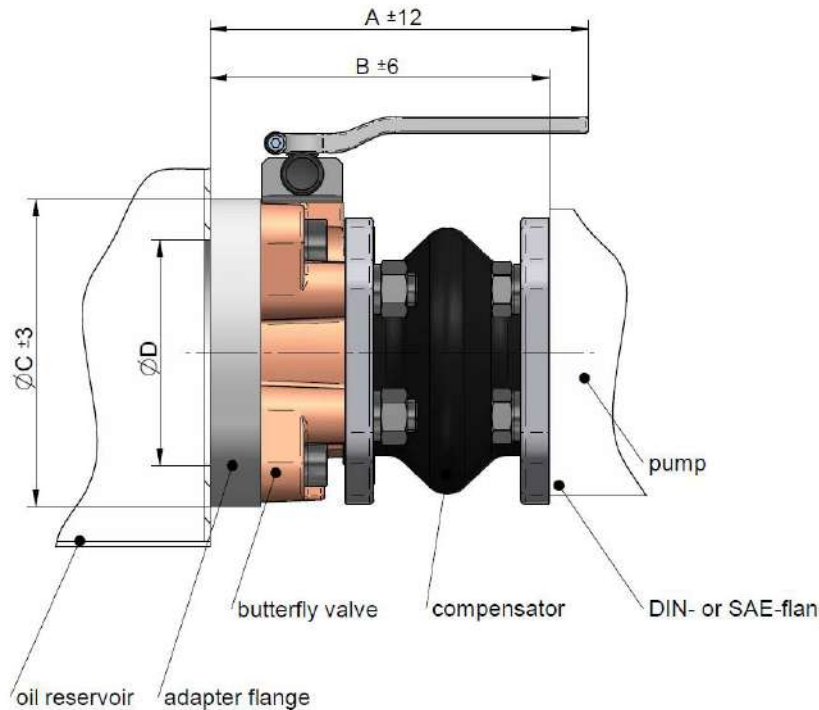


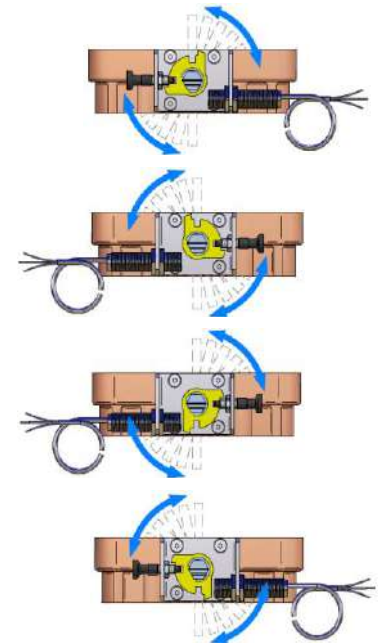
Suction Unit

SAE 1 1/2" to SAE 5"

The **asa** suction unit has been developed to provide a compact unit in hydraulic systems. The **asa** butterfly valve 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?



As shown, valve is attached with the optional **asa** inductive limit switch. Please contact us for several functions and options.

Technical Data

order number	description	size	A	B	C	D	weight	
		SAE	DIN	[mm]	[mm]	[mm]	[mm]	[kg]
SDAK0040I	FSAF – 40	1 1/2"	40	185	168	130	89	5,20
SDAK0050I	FSAF – 50	2"	50	185	168	150	103	6,20
SDAK0063I	FSAF – 63	2 1/2"	63	185	165	150	103	6,40
SDAK0080I	FSAF – 80	3"	80	185	166	150	110	7,50
SDAK0100I	FSAF – 100	4"	100	185	168	180	140	9,80
SDAK0125I	FSAF – 125	5"	125	185	198	205	165	11,80

Working Ranges

working pressure range	0,2 – 1,5 bar absolute
temperature range	-20°C to +80°C

Material

butterfly valve housing	cast iron
valve disc	aluminium
Valve sealing	NBR
compesator flange	steel
compesator rubber inside	NBR
compesator rubber outside	CR
adapter flange	steel 1.003/ or 1.05/0

Options

stainless steel version	on request
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This data sheet and the corresponding scale drawings are to be used as a general guide, and do not follow the view 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 promptly, **asa** assumes no liability for any information, drawings, dimensions, materials, for any direct or indirect damages, losses or costs resulting herefrom. Any data, test performance and care data in technical volumes indicated in this catalogue are measured at a test bench according to **asa** testing procedures by calculated, tested or simulated tests. Due to different conditions in testing or application environments the performance may vary by up to 10%. Because there is no standard testing procedure used by other manufacturers, you may have different results. Therefore we recommend all products to be checked once the system operation is complete. This is also true for hydraulic and mechanical aspects as well as for break-up tests and thermal stress and other relevant factors. General tolerances according to DIN ISO 2768-M. General tolerances for tapered parts according to DIN ISO 9062-3. Tolerances for rubber parts are according to ISO 3302-1, class V4-F10. The tolerances of welding seams are defined by quality group 3 according to EN ISO 5842. 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 a substitution for the manual.