



Butterfly valve, welded

rs akr-NW

Annotation:
recommended max. flow rate 20-30 m/s
recommended distance 3-5 x NW to the last flow deflection (elbow, branch, etc.)
Mind the maximum pressure difference p_{max} for closed flap blade
If the minimum distance X (depending on local regulations, but at least 850 mm according to EN ISO 13857:2020 04 15) is not observed, or the size of the opening allows climbing in, there is a risk of injury from attached devices etc.
Note space requirement for disassembling drives (100mm)

Application:
shut-off device for ducting

Design:
range of temperature -60°C up to 300°C
special design $\leq 450^\circ\text{C}$
welded/bolted construction
flanges welded
flap blade bolted
slide bearing maintenance free and solid lubrication
1-flap blade - 99,5% of the cross-sectional area
connecting flange and coupling for rotary actuator and electrical servo/control drive according to ISO 5211.
In case of proximity option, there are always 2 pieces installed as standard (standard: IFM 5369-M30).
incl. protective cover for pneumatic cylinder and proximity switches

Material:
1.0038, other materials upon request

Type	Nennweite_NW	L	t	Ød	A1	A2	A3_Belimo/Deufra	A3_Belimo/Auma	A4	A5	A6	M_(Nm)	p-max_100°C	p-max_300°C	hh	es	er	pzs	pd(e)
rs akr-0100	100	150	2,9	20	232	239	341	341	/	408	352	1	15000 Pa	10000 Pa	hh01	es01	er01	pzs01	/
rs akr-0125	125	150	3,2	20	244	252	353	353	/	420	352	1	15000 Pa	10000 Pa	hh01	es01	er01	pzs01	/
rs akr-0140	140	150	3	20	253	260	362	362	/	429	352	1,5	15000 Pa	10000 Pa	hh01	es01	er01	pzs01	/
rs akr-0160	160	150	3	20	262	269	371	371	/	438	352	2	15000 Pa	10000 Pa	hh01	es01	er01	pzs01	/

10 Pipe and channel parts > 1.22 Shut-off, change over and throttle devices heavy-duty > Butterfly valve, welded

Type	Nennweite_NW	L	t	Ød	A1	A2	A3_Belimo/Deufra	A3_Belimo/Auma	A4	A5	A6	M_(Nm)	p-max_100°C	p-max_300°C	hh	es	er	pzs	pd(e)
rs akr-0180	180	150	3	20	271	279	380	380	/	447	352	3	15000 Pa	10000 Pa	hh01	es01	er01	pzs01	/
rs akr-0200	200	150	3	20	282	290	391	391	/	458	352	4	15000 Pa	10000 Pa	hh01	es01	er01	pzs01	/
rs akr-0224	224	200	3	20	293	322	402	402	575	430	423	6	15000 Pa	10000 Pa	hh02	es01	er01	pzs02	pd01
rs akr-0250	250	200	3	20	307	336	416	416	589	444	423	8	15000 Pa	10000 Pa	hh02	es01	er01	pzs02	pd01
rs akr-0280	280	200	3	20	323	352	432	432	605	460	423	11	15000 Pa	10000 Pa	hh02	es01	er01	pzs02	pd01
rs akr-0315	315	200	3	25	350	384	777	833	671	504	505	15	15000 Pa	10000 Pa	hh03	es02	er02	pzs03	pd02
rs akr-0355	355	200	3	25	369	403	796	852	691	524	505	17	15000 Pa	10000 Pa	hh03	es02	er02	pzs03	pd02
rs akr-0400	400	300	4	25	390	424	817	873	711	544	505	23	15000 Pa	10000 Pa	hh03	es02	er02	pzs03	pd02
rs akr-0450	450	300	4	25	414	448	841	897	736	574	545	35	15000 Pa	10000 Pa	hh03	es02	er02	pzs04	pd02
rs akr-0500	500	300	5	40	450	498	867	923	794	609	545	45	15000 Pa	10000 Pa	hh04	es02	er02	pzs04	pd03
rs akr-0560	560	300	5	40	481	529	898	954	825	640	545	68	15000 Pa	10000 Pa	hh04	es02	er02	pzs04	pd03
rs akr-0630	630	300	5	40	515	564	946	988	859	683	574	80	15000 Pa	10000 Pa	hh04	es03	er03	pzs05	pd03
rs akr-0710	710	300	5	40	554	/	985	1027	898	722	574	98	15000 Pa	10000 Pa	/	es03	er03	pzs05	pd03
rs akr-0800	800	300	5	40	596	/	1027	1069	1007	777	641	114	5000 Pa	4000 Pa	/	es03	er03	pzs06	pd04
rs akr-0900	900	300	5	40	645	/	1076	1118	1055	822	641	163	5000 Pa	4000 Pa	/	es03	er03	pzs06	pd04
rs akr-1000	1000	300	5	40	699	/	1130	1172	1110	898	675	192	5000 Pa	4000 Pa	/	es03	er03	pzs07	pd04
rs akr-1120	1120	500	5	40	761	/	1192	1234	1173	959	675	246	5000 Pa	4000 Pa	/	es03	er03	pzs07	pd04
rs akr-1250	1250	500	6	50	849	/	1287	1335	1305	1100	804	296	5000 Pa	4000 Pa	/	es04	er04	pzs08	pd05