

HYDRAULIC AND ELECTRO HYDRAULIC VALVE ACTUATORS

TYPE's & SIZE's IN THE BELOW TABLES. Can be adapted to most types of valves

TYPICAL USAGE

- Control of valves in harsh environment
- Control of valves with special operation speed
- Control of valves with special requirements for accuracy
- ESD & PSD Valves



Approved by most ship classifications authorities. Highest accuracy

SYSTEMS

Systems are designed to meet the different operational requirements

DOUBLE ACTING ROTATING TYPE BAC

TYPE	TORQUE AT 135 BAR. * NM	TOTAL DRY WEIGHT INCL. MOUNTING SET. kg	OIL DISPLACEMENT AT FULL STROKE. LITRES	DIMENSIONS SIDE VIEW mm						DIMENSIONS FRONT VIEW mm						N		P	
				ØA	ØB	C	D	E	F	G	H	J	K	L	M	THREAD	DEPTH mm	THREAD	DEPTH mm
BAC 125	125	5.3	0.026	77	96	53	110	129	20.5	52	35	41	22	14.5	58	G1/4	13	M8	12
BAC 250	250	6.3	0.050	95	118	60	130.5	151.5	23	52	35	41	22	16.5	59	G1/4	13	M8	12
BAC 500	500	13.0	0.102	120	132	73	153	176	23	52	35	41	22	20	62.5	G1/4	13	M8	12
BAC 1000	1000	19.9	0.209	135	160	85	157.5	201	28	52	35	41	22	23.5	66	G1/4	13	M8	12
BAC 2000	2000	33.1	0.400	165	192	97	212	234	37	52	35	41	22	25.5	68	G1/4	13	M8	12
BAC 4000	4000	68.9	0.600	215	300	125	255	279	40	52	35	41	22	31.5	74	G1/4	13	M8	12
BAC 8000	8000	106.0	1.600	252	314	157	319	336	44	52	35	41	22	47.0	89.5	G1/4	13	M8	12
BAC 16000	16000	176.0	3.100	300	350	180	390	410	60	52	35	41	22	61.5	104	G1/4	13	M8	12

* Higher torques on request

SINGLE ACTING ROTATING TYPE BAC

TYPE	BREAK - AWAY OPENING TORQUE AT 135 BAR. NM	END CLOSING TORQUE AT 135 BAR. NM	TOTAL DRY WEIGHT INCL. MOUNTING SET. kg	OIL DISPLACEMENT AT FULL STROKE. LITRES	DIMENSIONS SIDE VIEW, MM						DIMENSIONS FRONT VIEW, MM						N		P
					ØA	ØB	C	D	E	F	G	H	J	K	L	M	THREAD	DEPTH mm	THREAD
BACF 125	38	30	6.6	0.026	96	96	12.5	196	215	20.5	52	35	41	22	14.5	58	G1/4	13	M8
BACF 250	*50	65	13.6	0.050	107.5	116	106	243	256	23	52	35	41	22	16.5	59	G1/4	13	M8
BACF 500	301	140	22.5	0.102	134.5	132	131	291	306	23	52	35	41	22	20.0	62.5	G1/4	13	M8
BACF 1000	648	320	39.1	0.209	160	160	156	345	360	26	52	35	41	22	23.5	66	G1/4	13	M8
BACF 2000	*207	605	66.7	0.400	195	192	192	413	426	37	52	35	41	22	25.5	68	G1/4	13	M8
BACF 4000	2700	1350	151.8	0.800	253	300	269.5	534	550	40	52	35	41	22	31.5	74	G1/4	13	M8
BACF 6000	4800	2400	290.0	1.600	310	314	400	696	716	44	52	35	41	22	47.0	68.5	G1/4	13	M8
BACF 16000		9600	4800	487.0	3.100	470	350	572	926	947	60	52	35	41	22	61.5	104.0	G1/4	13

Information and technical data are given as guidance only

DOUBLE ACTING PISTON ACTUATOR KC

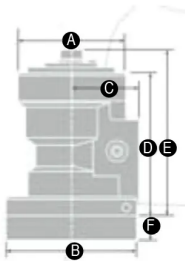
TYPE	CLOSING THRUST AT 135 BAR. N	STROKE mm	TOTAL DRY WEIGHT. kg	OIL DISPLACEMENT AT FULL STROKE. LITRES
KC 12	20900	16.0	8	0.026
KC 22	20900	25.0	8	0.041
KC 32	57000	37.5	18	0.168
KC 42	57000	50.0	18	0.224
KC 52	57000	62.5	18	0.260
KC 62	88300	100.0	45	0.592
KC 72	143900	125.0	60	1.414
KC 92	277800	150.0	150	3.240

DIMENSIONS SIDE VIEW mm						DIMENSIONS FRONT VIEW mm						N		P	
ØA	ØB	C	D	E	F	G	H	J	K	L	M	THREAD	DEPTH mm	THREAD	DEPTH mm
96	92	76	52	229	11	12	64	35	49	9.5	105.5	G3/8	13	M8	15
96	92	76	52	229	11	12	64	35	49	9.5	105.5	G3/8	13	M8	15
96	126	118	71	327	18	14	64	35	49	9.5	166.5	G3/8	13	M8	15
96	126	118	71	327	18	14	64	35	49	9.5	166.5	G3/8	13	M8	15
96	126	118	71	327	18	14	64	35	49	9.5	166.5	G3/8	13	M8	15
96	152	143	82	418	20	15	64	35	49	9.5	211.5	G3/8	13	M8	15
96	192	168	102	492	22	17	64	35	49	9.5	255.5	G3/8	13	M8	15
96	260	235	122	700	30	24	64	35	49	9.5	311.0	G3/8	13	M8	15

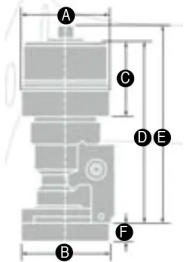
SINGLE ACTING PISTON ACTUATOR KFR

TYPE	END CLOSING THRUST. * N	STROKE mm	TOTAL DRY WEIGHT. kg	OIL DISPLACEMENT AT FULL STROKE. LITRES	DIMENSIONS mm						
					ØA	ØB	C	D	E	F	G
KFR 1.0	4250	16.25	6.3	0.047	75	59	219	45	18	9	33.25
KFR 1.0 P*	4250	16.25	7.2	0.047	75	59	244	45	18	9	33.25
KFR 1.1	4450	25.0	7.0	0.070	75	59	244	45	18	9	42.0
KFR 1.1.0	8350	16.25	7.2	0.047	75	59	244	45	18	9	33.25
KFR 1.2	6300	37.5	8.6	0.105	75	59	295	45	18	19.5	65.0
KFR 1.2.1	8750	25.0	9.0	0.070	75	59	295	45	18	9	42.0
KFR 2.2	8660	37.5	9.0	0.201	100	59	299.5	45	18	19.5	65.0
KFR 3.3	13250	50.0	23.0	0.393	115	59	339.5	45	24	38	118.0
KFR 3.3.2	21500	37.5	23.0	0.295	115	59	339.5	45	24	38	96.0
KFR 4.4	20160	62.5	36.0	0.791	145	59	420	45	24	54	137.0

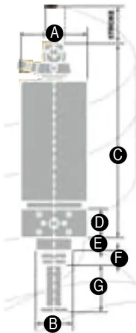
* Pre – stressed 3mm.**Power link applications.



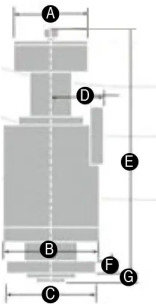
ROTATING TYPE BAC



ROTATING TYPE BACF



PISTON ACTUATOR KC



PISTON ACTUATOR KFR