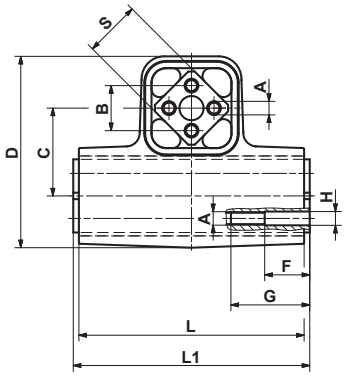
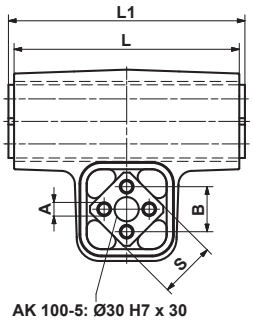
Oscillating Mountings

AK





AK 100-5: Ø30 H7 x 30

Part no.	Type	Max. load G [N] for the gyratory type: hanging	staying, crank driven	staying, free oscillating	A	B	C	D	F
07 061 001	**AK 15**	160	128	80	$5^{+0.5}_{0}$	10 ±0.2	27	54	–
07 061 002	**AK 18**	300	240	150	$6^{+0.5}_{0}$	12 ±0.3	32	64	–
07 061 003	**AK 27**	800	640	400	$8^{+0.5}_{0}$	20 ±0.4	45	97	–
07 061 004	**AK 38**	1600	1280	800	$10^{+0.5}_{0}$	25 ±0.4	60	130	–
07 061 005	**AK 45**	3000	2400	1500	$12^{+0.5}_{0}$	35 ±0.5	72	156	–
07 061 011	**AK 50**	5600	4480	2800	M12	40 ±0.5	78	172	40
07 061 012	**AK 60**	10000	8000	5000	M16	45	100	218	50
07 061 013	**AK 80**	20000	16000	10000	M20	60	136	283	50
07 061 009	**AK 100-4**	30000	24000	15000	M24	75	170	354	50
07 061 010	**AK 100-5**	40000	32000	20000	M24	75	170	340	50

Part no.	Type	G	øH	L	L1	□S	Weight [kg]	Material structure: Inner square	Housing	Paint	Mounting inner square
07 061 001	**AK 15**	–	–	60	65 ±0.2	15	0.3	Aluminium profile	steel welded construction	painted blue	End-to-end screw or threaded bar quality 8.8
07 061 002	**AK 18**	–	–	80	85 ±0.2	18	0.5		Nodular cast		
07 061 003	**AK 27**	–	–	100	105 ±0.2	27	1.8				
07 061 004	**AK 38**	–	–	120	130 ±0.2	38	3.8				
07 061 005	**AK 45**	–	–	150	160 ±0.2	45	6.3				
07 061 011	**AK 50**	70	12.25	200	210 ±0.2	50	10.8				Shoulder studs quality 8.8 for optimizing frictional connection
07 061 012	**AK 60**	80	16.5	300	310 ±0.2	60	37.4	Steel			
07 061 013	**AK 80**	90	20.5	400	410 ±0.2	80	85.8				
07 061 009	**AK 100-4**	100	25	400	410 ±0.2	100	121.6				
07 061 010	**AK 100-5**	100	25	500	510 ±0.2	100	136.6		steel welded construction		

If no other units are specified, the numbers given are in mm.
G = max. load in N per support column
Usual drive parameters from experience: Driving speed n_s up to approx. 380 min^{-1}, Oscillation angle α up to approx. ± 3.5°.
Limitation of application parameters see «permissible frequencies» in chapter 7 Technology.
For further information see chapter 7 Technology.