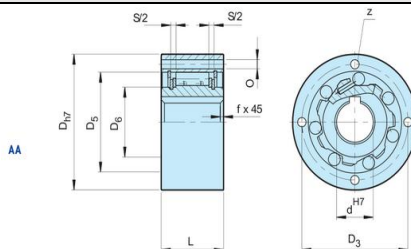


AA Series

Type AA is a roller type freewheel non-bearing supported-. Bearings are required to support axial and radial loads. Lubrication and sealing must also be provided by the installation.

The inner race is keyed to the shaft. The fit for centering of the outer race must be to H7 tolerance. Connection of the outer race is via through bolts to grade 10.9 or better. This design can accept an axial misalignment of inner and outer race of $\pm S/2$.

Freewheel Clutch Bearings: AA Series



Motion(shanghai)Industrial Development Co.,Ltd

Type	Size		Overrunning Speeds											Weight	Drag torque
MOTN	d^{H7} [mm]	$T_{KN}^{(1)}$ [Nm]	$n_{imax}^{(2)}$ [min-1]	$n_{amax}^{(3)}$ [min-1]	D_{h7} [mm]	D_5 [mm]	D_6 [mm]	D_3 [mm]	Z	O [mm]	L [mm]	f [mm]	s [mm]	[kg]	T_R [Ncm]
AA	12	17	3100	6000	47	28	20	38	3	5.5	20	0.5	4.5	0.21	0.7
AA	15	55	2300	5400	55	37	26	45	3	5.5	30	0.8	4.5	0.44	3.5
AA	20	146	2000	3600	68	50	35	58	4	5.5	34	0.8	5.5	0.7	8.4
AA	25	285	1700	2600	90	68	45	78	6	5.5	37	1	6.5	1.3	14
AA	30	500	1500	2100	100	75	50	87	6	6.6	44	1	6.5	2	23
AA	35	720	1300	1950	110	80	55	96	6	6.6	48	1	6.5	2.6	60
AA	40	1030	1200	1700	125	90	60	108	6	9	56	1.5	7.6	3.9	72
AA	45	1125	1050	1500	130	95	65	112	8	9	56	1.5	7.6	4	140
AA	50	2150	950	1300	150	110	75	132	8	9	63	1.5	7.6	6	180
AA	55	2675	850	1200	160	115	82	138	8	11	67	2	7.6	7.2	190
AA	60	3500	800	1100	170	125	90	150	10	11	78	2	7.6	9.2	240
AA	70	5813	650	900	190	140	100	165	10	11	95	2.5	7.6	11.8	320

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