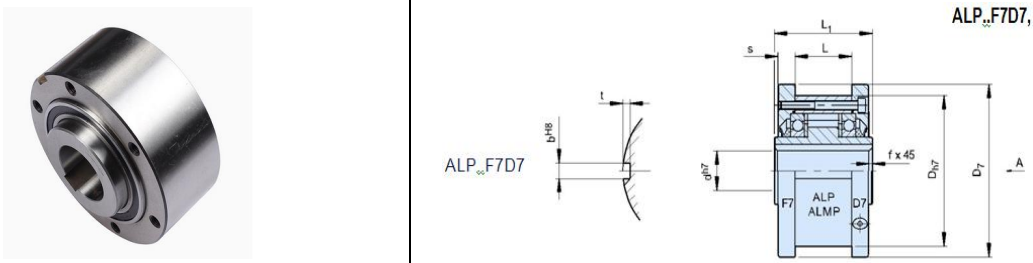


AL& ALP Series

Types AL, ALP are roller type freewheels. These units are part of the Stieber modular system. They are bearing supported, using two 160.. series bearings, and require oil lubrication. These units may be used in designs providing- oil lubrication and sealing as on the example overleaf. The bearings must not be axially stressed. Typically, types AL, ALP are used with standard covers that are designed to transmit torque, and provide oil -lubrication and sealing. Usually these covers are used in pairs according- to combinations shown on the following pages. The outer race of the AL model is plain to receive and center- any component bored to H7 tolerance. Torque is transmitted by bolts through the cover plate in this case. Types AL, AL are identical except that type ALP has a keyway on the outside diameter to transmit the torque. Two paper seals are delivered with each unit to be placed between the outer race and cover plates.

Freewheel Clutch Bearings: ALP..F7D7 Series



Motion(shanghai)Industrial Development Co.,Ltd

Type	Size	Overrunning speed											Weight [kg]	Drag torque $T_R$ [Ncm]
		TKN <sup>1)</sup>	nimax <sup>2)</sup>	namax <sup>3)</sup>	dH7	L1	D7	s	L	bH8	t	f		
ALP..F7D7	12	55	2500	7200	62	42	70	10.4	20	4	2.4	0.5	1.0	11
ALP..F7D7	15	125	1900	6500	68	52	76	11.4	28	5	2.9	0.8	1.4	15
ALP..F7D7	20	181	1600	5600	75	57	84	10.9	34	6	3.5	0.8	1.9	18
ALP..F7D7	25	288	1400	4500	90	60	99	11.9	35	8	4.1	1	2.8	36
ALP..F7D7	30	500	1300	4100	100	68	109	11.9	43	8	4.1	1	3.7	45
ALP..F7D7	35	725	1100	3800	110	74	119	13.4	45	10	4.7	1	4.7	60
ALP..F7D7	40	1025	950	3400	125	86	135	15.4	53	12	4.9	1.5	7.1	84
ALP..F7D7	45	1125	900	3200	130	86	140	15.4	53	14	5.5	1.5	7.4	94
ALP..F7D7	50	2125	850	2800	150	92	160	12.9	64	14	5.5	1.5	10.4	128
ALP..F7D7	55	2625	720	2650	160	104	170	17.5	66	16	6.2	2	13.4	150
ALP..F7D7	60	3500	680	2450	170	114	182	16.5	78	18	6.8	2	15.9	160
ALP..F7D7	70	5750	580	2150	190	134	202	18	95	20	7.4	2.5	20.8	360
ALP..F7D7	80	8500	480	1900	210	144	222	20.5	100	22	8.5	2.5	27.1	360
ALP..F7D7	90	14500	380	1700	230	158	242	20	115	25	8.7	3	39.4	680
ALP..F7D7	100	20000	350	1450	270	182	282	28.5	120	28	9.9	3	66.4	880
ALP..F7D7	120	31250	250	1250	310	202	322	22.5	152	32	11.1	3	91.5	1200
ALP..F7D7	150	70000	180	980	400	246	412	31	180	36	12.3	4	187	1350
ALP..F7D7	200	175000	120	750	520	326	540	40	240	45	15	5	430	4200
ALP..F7D7	250	287500	100	620	610	396	630	45	300	45	15	5	688	6500
ALMP F7D7	25	388	1100	2800	90	60	99	11.9	35	8	4.1	1	2.9	41
ALMP F7D7	30	588	1000	2500	100	68	109	11.9	43	8	4.1	1	3.85	64
ALMP F7D7	35	838	900	2400	110	74	119	13.4	45	10	4.7	1	4.9	76

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