RIZ..G1G2
RIZ..G2G7
RINZ..G5G5

RIZ.. G1G2

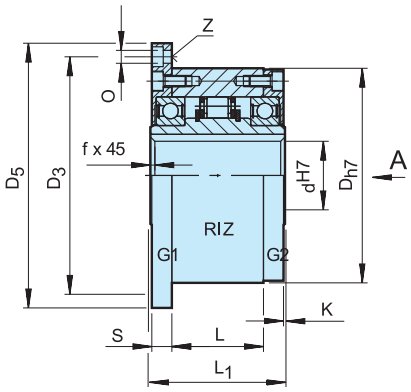
TYPE

RIZ..G1G2

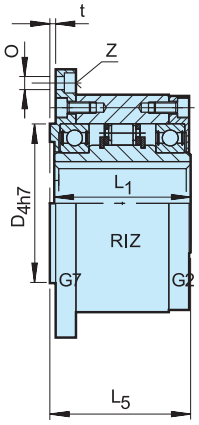
RINZ.. G5G5

Types RIZ..G1G2/G7G2, RINZ..G5G5 are centrifugal lift off sprag type freewheels with the inner race rotating. Only the inner race is designed for freewheeling.

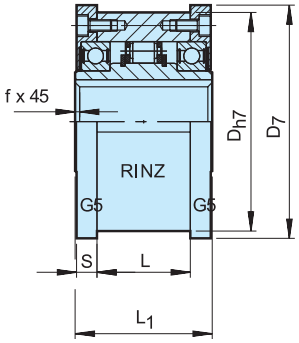
These are self-contained units designed for overrunning clutch applications. Typically used in crawl drives, where the overrunning speed is high but the drive speed is low and does not exceed the maximum driving speed specified in the table. They are type RIZ, RINZ (» see page 80 for more information) equipped with G type covers featuring a grease pocket and contact free seal. When ordered complete, the unit is delivered grease lubricated, ready for either horizontal or vertical installation.

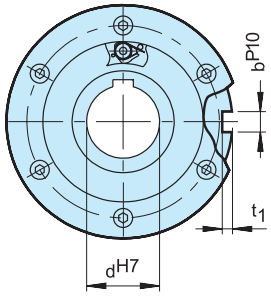


RIZ...G1G2



RIZ...G2G7





RIZ...G5G5

Type	Size		Speeds										Number									Weight
	d^{H7}	T_{KN} 1)	n_{max} 2)	n_{imin} 3)	n_{imax} 4)	D_{h7}	D_3	D_4	D_5	D_7	O	z	S	L_1	L	L_5	t	t_1	b^{P10}	f	G1
	[mm]	[Nm]	[min^{-1}]	[min^{-1}]	[min^{-1}]	[mm]	[mm]	[mm]	[mm]	[mm]			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
RIZ RINZ	30	375	350	780	9000	100	114	75	128	109	6,6	6	11,5	68	43	70	3	4	8	1,0	3,9
	35	550	320	740	8500	110	124	80	140	119	6,6	6	13,5	74	45	76	3,5	5	10	1,0	4,9
	40	800	315	720	7500	125	142	90	160	135	9	6	15,5	86	53	88	3,5	5	12	1,5	7,5
	45	912	285	665	6600	130	146	95	165	140	9	8	15,5	86	53	88	3,5	5,5	14	1,5	7,8
	50	1400	265	610	6000	150	166	110	185	160	9	8	14	94	64	96	4	5,5	14	1,5	10,8
	60	2350	200	490	5300	170	192	125	214	182	11	10	17	114	78	116	4	7	18	2,0	16,8
	70	3050	210	480	4100	190	212	140	234	202	11	10	18,5	134	95	136	4	7,5	20	2,5	20,8
	80	4500	190	450	3600	210	232	160	254	222	11	10	21	144	100	146	4	9	22	2,5	27
	90	5600	180	420	2700	230	254	180	278	242	14	10	20,5	158	115	160	4,5	9	25	3,0	40
	100	10500	200	455	2700	270	305	210	335	282	18	10	30	182	120	184	5	10	28	3,0	67
	130	15750	180	415	2400	310	345	240	380	322	18	12	29	212	152	214	5	11	32	3,0	94

NOTES

1) $T_{max} = 2 \times T_{KN}$
» Refer to Selection page 10 to 13

2) This maximum allowable torque transmission speed n_{max} must not be exceeded when transmitting torque

3) This minimum allowable overrunning speed n_{imin} should not be reduced under continuous operation. Possible reduction of this minimum speed on request

4) Inner race overruns
Keyway to DIN 6885.1

When ordering, please specify direction of rotation seen from arrow „A“: „R“ Inner race overruns in clockwise direction, „L“ Inner race overruns in counterclockwise direction

» Refer to mounting and maintenance instructions page 16 to 19

MOUNTING EXAMPLE