



Changzhou Suma Precision Machinery Co.,Ltd

Address: Liudao Industrial Park, Yaoguan Town, Wujin, Changzhou City, Jiangsu Province, China 213102

Contact person: Ellen Zhang

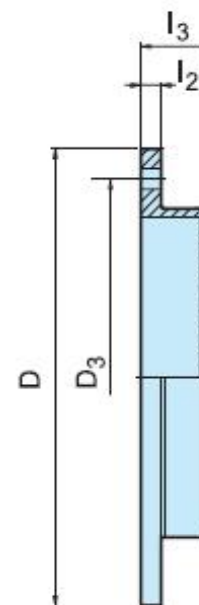
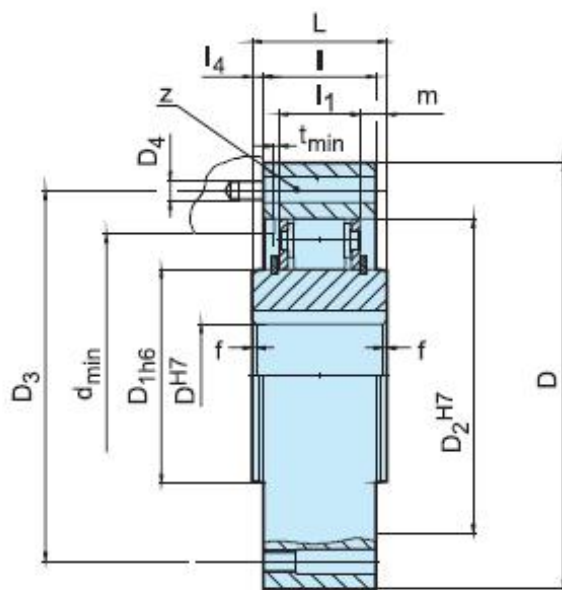
Skype: suma.com5

Email: ellen@chinasuma.com

Tel: 0086 18068536660

RSCI Technical Parameter

RSCI



F8

DATASHEET

Type	Size		Speeds								Number											Weight	
RSCI	d ^{H7}	T _{kN} ¹⁾	n _{max} ²⁾	n _{imin} ³⁾	n _{imax} ⁴⁾	D ⁵⁾	D _{1h6}	D ₂ ^{H7}	D ₃	D ₄	z	L	I	l ₁	l ₄	f×45°	d _{min}	m	t _{min}	I2	I3	RSCI	F8
	[mm]	[Nm]	[min ⁻¹]	[min ⁻¹]	[min ⁻¹]	[mm]	[mm]	[mm]	[mm]			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	[kg]
	20	212	315	750	15000	90	36	66	78	M6	6	35	35	25	0	0.8	52	5	1	8	16	1.5	0.3
	25	319	300	725	14000	95	40	70	82	M6	6	35	35	25	0	1	56	5	1	8	16	1.6	0.4
	30	375	290	700	11000	100	45	75	87	M6	6	35	35	25	0	1.5	62	5	1	8	16	1.8	0.4
	35	550	280	670	11000	110	50	80	96	M6	8	35	35	25	0	1.5	66	5	1	8	16	2.1	0.5
	40	800	260	630	8000	125	60	90	108	M8	8	35	35	25	0	1.5	76	5	1	10	21	2.7	0.7
	45	912	255	610	7000	130	65	95	112	M8	8	35	35	25	0	1.5	82	5	1	10	21	2.9	0.9
	50	1400	235	560	6000	150	80	110	132	M8	8	40	40	25	0	1.5	100	7.5	1	10	21	4.3	1
	60	2350	210	510	6000	175	85	125	155	M10	8	60	50	36	5	2	110	12	2	12	35	6.5	1.8
	70	3050	195	470	4000	190	100	140	165	M10	12	60	50	36	5	2	120	12	2	12	35	8.6	1.9
	80	4500	180	440	4000	210	120	160	185	M10	12	70	60	36	5	2	140	17	3	12	35	12.5	2.6
	80M	5800	155	375	4000	210	120	160	185	M10	12	70	60	46	5	2	140	12	2	12	35	13.1	2.6
	90	5600	170	410	3000	230	140	180	206	M12	12	80	70	36	5	2.5	165	22	3	12	35	17.4	3
	90M	8700	145	350	3000	245	140	180	206	M12	12	80	70	46	5	2.5	160	17	2	12	35	18.3	3
	100	10500	145	355	3000	290	140	210	258	M16	12	90	80	52.6	5	2.5	180	18.6	3	15	37	28	5
	100M	16000	140	340	2400	290	170	210	258	M16	12	90	80	63	5	2.5	200	13.5	2	12	35	30	5.0
	130	15750	135	330	2400	322	170	240	278	M16	12	90	80	52.6	5	3.0	210	18.6	3	15	37	35	6.0

1) $T_{max} = 2 \times T_{kN}$

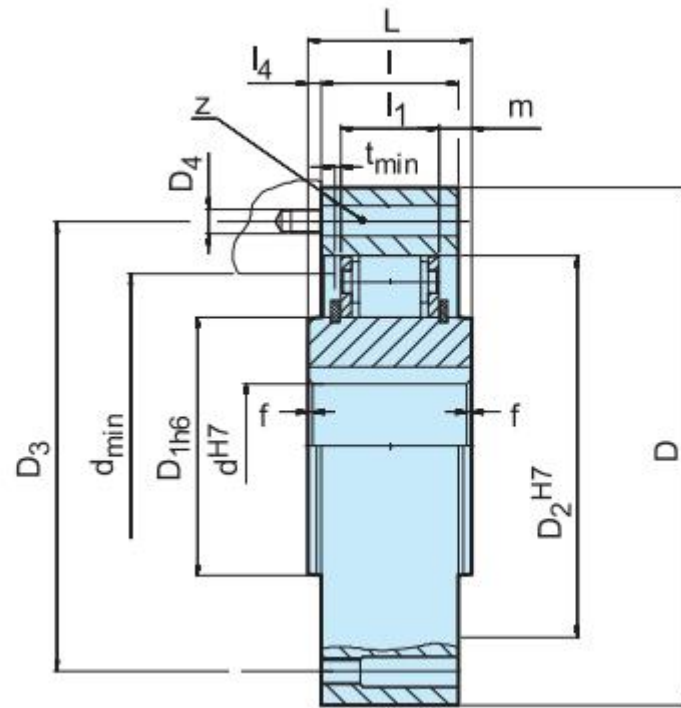
2) Inner race overruns keyway to DIN6885.1

3) This Maximum allowable torque transmission speed n_{max} must not be exceeded when transmit torque .

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

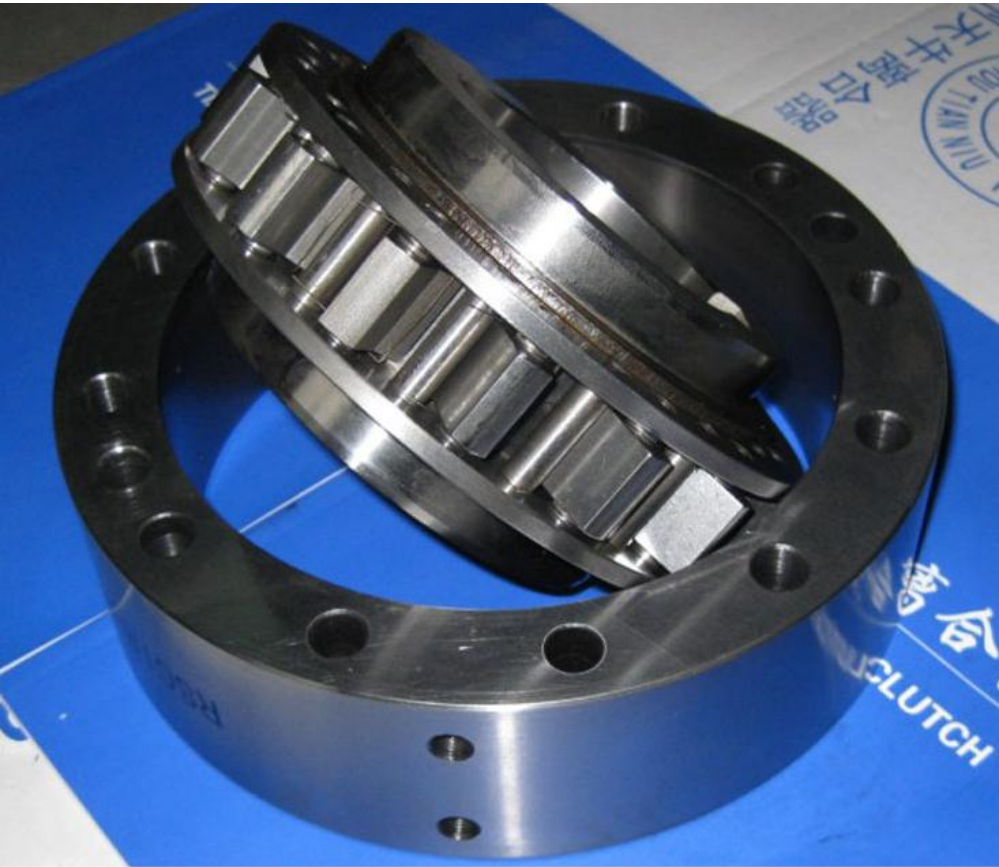
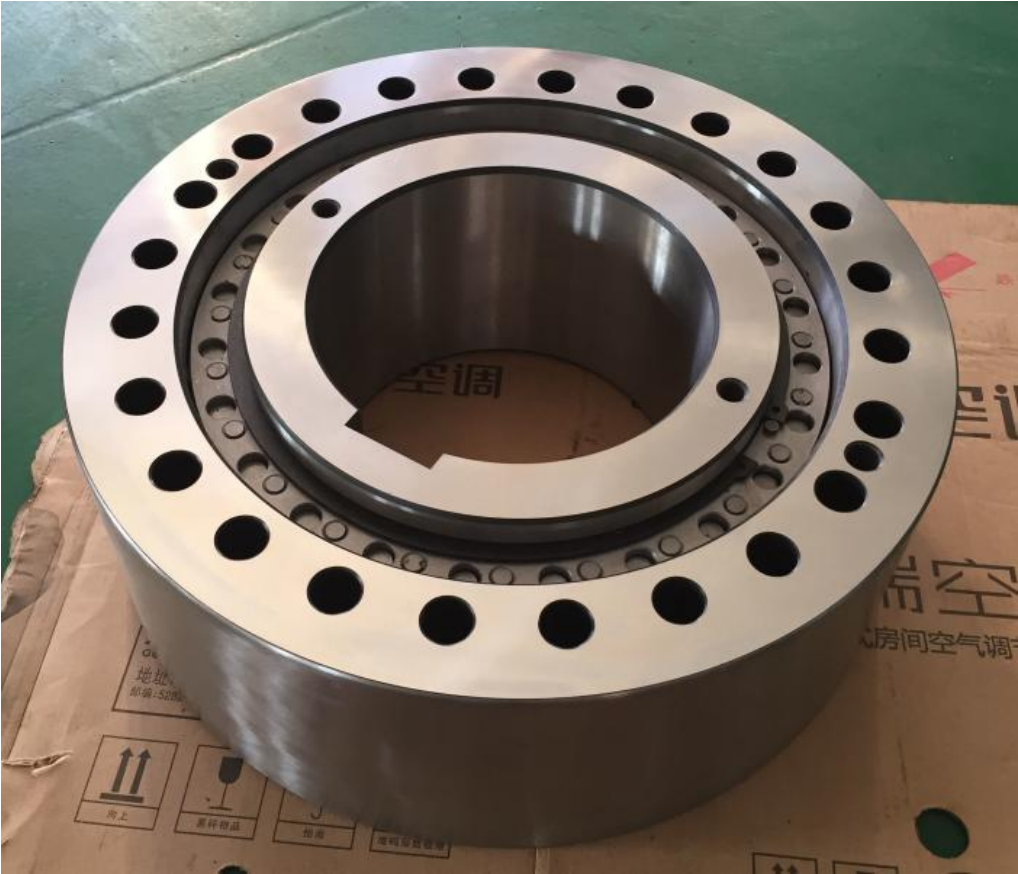
5) Tolerance : + 1 Cover F8 must be order separately.

RSCI



Size	Torque	Speeds								Number									Weight
d^{H7} [mm]	$T_{KN}^{1)}$ [Nm]	$n_{max}^{2)}$ [min ⁻¹]	$n_{min}^{3)}$ [min ⁻¹]	$n_{imax}^{4)}$ [min ⁻¹]	$D^{5)}$ [mm]	D_{1b6} [mm]	D_2^{H7} [mm]	D_3 [mm]	D_4	z	L [mm]	I [mm]	I_1 [mm]	I_4 [mm]	$f \times 45^\circ$ [mm]	d_{min} [mm]	m [mm]	t_{min} [mm]	 [kg]
180	31500	115	285	1300	412	240	310	360	M20	12	90	80	53	5	3,5	280	18,6	3	59
180 M	50000	90	220	1300	422	240	310	370	M20	18	120	120	83	0	4	280	18,5	2	92
180 II	63000	115	285	1300	412	240	310	360	M20	24	160	160	118	0	3,5	280	21	3	116
180 II-M	100000	90	220	1300	425	240	310	370	M24	24	240	240	176	0	4	280	32	3	190
220	42500	110	265	1100	470	290	360	410	M20	16	105	80	60	12,5	4	330	19,5	3	90
220 M	68000	85	205	1100	480	290	360	410	M24	16	120	120	83	0	4	330	18,5	2	109
220 II	85000	110	265	1100	480	290	360	430	M24	18	160	160	130	0	4	330	15	3	159
220 II-M	136000	85	205	1100	490	290	360	425	M30	20	240	240	176	0	4	330	32	2	249
240	52000	105	250	1100	500	320	390	440	M20	16	105	90	60	7,5	4	360	15	2	95
240 M	83000	80	195	1100	520	320	390	440	M24	16	120	120	83	0	4	360	18,5	2	137
240 II	104000	105	250	1100	520	320	390	440	M24	24	180	180	132	0	4	360	24	2	191
240 II-M	166000	80	195	1100	530	320	390	455	M30	24	240	240	181	0	4	360	32	2	250
260	65000	100	240	1000	550	360	430	500	M24	16	105	105	60	0	4	400	22,5	2	130
260 M	100000	75	185	1000	580	360	430	500	M24	24	125	125	83	0	4	400	21	2	183
260 II	130000	100	240	1000	580	360	430	500	M24	24	210	210	132	0	4	400	39	2	262
260 II-M	200000	75	185	1000	580	360	430	500	M30	24	250	250	176	0	4	400	37	2	369
300	78000	90	225	1000	630	410	480	560	M24	24	105	105	60	0	4	460	22,5	3	174
300 M	125000	70	175	1000	630	410	480	560	M24	24	125	125	83	0	4	460	21	3	210
300 II	156000	90	225	1000	630	410	480	560	M24	24	210	210	134	0	4	460	38	3	351
300 II-M	250000	70	175	1000	630	410	480	560	M30	24	250	250	182,6	0	4	460	33,7	3	457

PICTURE



MOUNTING EXAMPLE

