

SLEWING GEARBOXES - DREHWERKSGETRIEBE

Ratings RE_2 (2 stages) - RE_3 (3 stages)

Nenn Drehmoment RE 2 (2 Stufen) - RE 3 (3 Stufen)

Type Typ	RE240		RE310		RE510		RE610		RE810		RE1020		RE1520		RE2520		RE3510		RE5020		RE6520				
	in	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm	ie	T2FEM* Nm		
2	12.5	13.29	4352	12.53	4583	12.53	9530			12.83	149/0	12.83	24124												
	14	15.47	3716	14.79	4824	14.79	9946	14.40	12838	15.14	14183	15.14	24124	14.73	33631	14.25	54046	13.68	75579						
	16	16.28	4352	15.35	4513	15.35	9075	16.36	11173	17.55	14400	17.65	20856	17.39	32879	16.62	46706	16.88	66986	16.95	98354	16.00	140129		
	18			18.12	4824	18.12	9946	17.00	12838	18.36	11683	19.00	19413											18.67	117741
	20	18.95	3716	20.77	3217	20.77	6492	19.32	11173									19.68	66986	21.75	85633	20.80	136351		
	22.5	22.03	3401	22.74	3786	22.74	7800	21.33	12538	22.15	12994	22.15	20856	21.82	26383	21.60	41294	22.59	52440	22.09	77230				
	25	25.64	3716	24.52	3763	24.52	7592	24.24	11173	25.75	10865	25.75	20856	25.36	27117	26.52	41294	24.16	65275	25.81	67314	24.77	117741		
	28	27.49	2409	26.43	3113	26.43	6427	28.18	11173	27.20	11683	27.20	16895	28.00	25062	30.28	41294	27.73	52440	28.35	77230	29.17	117741		
	32.5	31.32	2908	30.77	3786	30.77	7800	30.00	8148	31.52	11683	31.62	16895	32.55	25062			31.67	52440	33.65	77230				
	35.5			35.77	3113	35.77	6427	34.09	9190	36.11	9724	36.11	14063	33.23	19319	35.66	35513	37.29	52440	34.13	56937				
	40	39.09	2908	38.40	3303	38.40	6687			38.25	10244	38.25	16895	39.38	21690							40.50	56937		
	45			44.64	3113	44.64	6427			43.58	9724	43.68	14063	46.73	19319	42.86	31354	44.31	44402						
	50			54.00	2368	54.00	4878			51.43	8140	51.43	11775												
	3	45	46.24	4352	43.60	4583	43.60	9530																	
		50	53.82	3716	51.47	4824	51.47	9946	50.11	12838	52.59	14183	52.69	24124	51.25	33631	51.30	53251	49.25	75579					
56		56.65	4352	53.41	4583	53.41	9530	59.16	12838	54.58	14717	54.68	24124	60.50	32879	59.82	46706	58.14	75579			57.00	140129		
63		65.94	3716	63.05	4824	63.05	9946	61.39	12838	63.75	14400	63.75	20856	62.78	33535	60.56	51521	60.75	66986	61.01	98354	66.46	140129		
71		69.38	4352	72.28	4583	72.28	9530	72.47	12838	75.26	14400	73.99	21510	74.12	32879	70.62	46706	72.96	75579	72.03	98354	74.10	136351		
80		76.66	4352	77.24	4824	77.24	9946	83.03	11892	77.10	12994	81.00	23157	80.57	25062	78.73	41294	82.33	52440	78.30	85633	86.40	136351		
90		93.91	4352	85.33	4824	85.33	9946	90.95	12538	87.35	12467	89.62	20856	93.01	26383	86.70	38490	90.00	66986	90.39	98354	95.20	117741		
100		95.67	4352	104.53	4824	104.53	9946	98.03	12838	101.85	14400	101.85	20856	100.31	28657	103.02	40151	98.89	65340	102.06	77230	100.80	117741		
112		111.36	3716	106.49	4824	110.50	8948	111.45	11173	109.62	11241	109.62	23157	109.04	25062	112.71	41294	104.94	66986	116.00	85633	106.08	136351		
125		117.20	4352	130.45	4824	130.45	9946	123.08	12538	127.81	12994	127.81	20856	125.87	26383	128.70	41294	121.99	66986	120.49	77230	121.13	136351		
140		147.93	3716	141.46	3763	141.46	7592	139.86	11173	134.80	11683	148.58	20856	146.33	22117	141.44	41294	149.78	65275	134.85	85633	141.32	117741		
160		158.60	3401	163.71	3786	163.71	7800	162.59	11173	156.92	11683	159.51	20856	157.09	25238	164.42	41294	168.88	52440	151.20	77230	166.40	117741		
180		184.62	3716	176.54	3763	176.54	7592	178.56	10486	182.47	11683	185.43	20856	182.62	27117	187.75	41294	181.18	65275	175.77	77230	200.00	117741		
200		197.93	2409	190.31	3113	190.31	6427	202.91	11173	195.84	11683	195.84	16895	201.60	25062	198.90	41294	207.98	52440	208.61	77230				
225		230.40	2781	221.54	3786	221.54	7800			227.66	11683	227.66	16895	234.36	25062	221.07	35513	237.49	52440	212.63	77230				
250			257.54	3113	257.54	6427	245.45	9190	251.98	9724			239.26	19319	239.06	31354	247.15	44402	252.35	77230					
280	281.42	2908	276.48	3303	276.48	6687			275.40	10244	275.40	16895	278.14	19319	267.43	35513	279.64	52440	303.75	56937					
315			321.41	3113	321.41	6427			314.47	9724	314.47	14063			321.43	31354	332.31	44402							

Specification

Model	Reduction Gear					Hydraulic Motor										Application
	Gear Ratio	Theoretical output Torque		Max. Speed	Theoretical output Torque	Max. Speed	Displacement	Brake Torque		Max. Pressure		Weight				
Hydraulic Motor Reduction Gear	i	kgf-m	N-m	rpm	kgf-m	N-m	rpm	cc/rev	kgf-m	N-m	Mpa	Kg/cm ²	Kg	ton		
TSM32	RG250	19.464	250	2452.5	100.0	12.5	122.9	1600	31.5	14.0	137.3	24.5	250	19	5~6	
TSM56	RG400	19.464	400	3,924	85.0	22.2	217.7	1600	55.8	18.0	176.5	24.5	250	23	7~8	
T3X63	-	-	-	-	-	35.7	349.6	2200	64.0	32.0	313.8	34.3	350	33	13~14	
TSM72	RG700	19.041	700	6,867	80	40.1	393.3	2200	72.0	36.0	353.0	34.3	350	36	13~14	
TSM86	RG700	19.041	700	6,867	80	47.9	469.8	2200	86.0	42.0	411.9	34.3	350	36	13~17	
T3X118	-	-	-	-	-	65.6	643.5	1600	117.8	71.0	696.3	34.3	350	65	17~18	
T3X128	RG1600	21.581	1,600	15,696	75	71.2	698.7	1700	127.9	71.0	696.3	34.3	350	65	17~22	
TSM140	RG1600	21.581	1,600	15,696	75	78.3	767.5	1700	140.5	71.0	696.3	34.3	350	63	17~25	
T3X150	-	-	-	-	-	82.7	811.2	1600	148.5	71.0	696.3	34.3	350	66	21~25	
T3X160	RG2000	24.739	2,000	19,620	70	88.5	868.0	1600	158.9	71.0	696.3	34.3	350	66	29	
T3X170	RG2000	24.739	2,000	19,620	70	94.4	925.4	1500	169.4	71.0	696.3	34.3	350	66	29~32	
TSM180	RG2000	24.739	2,000	19,620	70	100.3	983.3	1500	180.0	120.0	1176.8	34.3	350	75	25~30	
TSM195	-	-	-	-	-	108.3	1062.5	1500	194.5	120.2	1176.8	34.3	350	75	30~32	
TSM210	-	-	-	-	-	117.0	1147.2	1500	210.0	120.0	1176.8	34.3	350	75	25~32	
TSM250	RG2400	19.560	2,400	23,544	70	139.3	1365.7	1400	250.0	120.0	1176.8	34.3	350	86	32~34	
	RG2700	21.968	2,700	26,487	65											
TSM280	RG2400	19.560	2,400	23,544	70	142.0	1392.5	1400	278.8	120.0	1176.8	31.4	320	86	34~42	
	RG2700	21.968	2,700	26,487	65											