

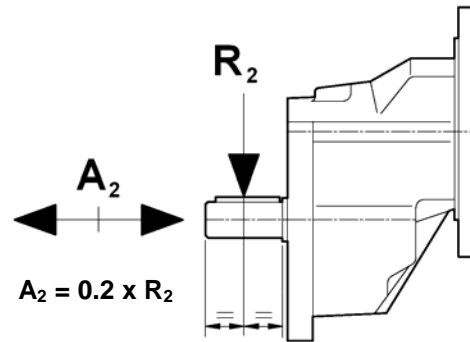
Gear boxes Series RS and RT

1400 min⁻¹

Selection Table

Helical worm gear boxes RA - TA

	$i_1 =$ min ⁻¹	3.5	6.3	8
		400	225	175
XA63	kW	0.50	0.23	0.18
	Nm	12	10	9
	R ₂ [N]	390	450	450
XA71	kW	1.1	0.52	0.37
	Nm	26	22	20
	R ₂ [N]	490	560	560
XA80	kW	3.1	1.5	1.1
	Nm	68	65	60
	R ₂ [N]	610	700	700
XA100	kW	8.7	4.0	2.2
	Nm	235	163	136
	R ₂ [N]	1500	2500	2500



Dimensions: page 44

$i_1 = 3.5$	$i = i_1 \times i_2$	25	35	53	70	98	140	172	196	245	280	350
	min ⁻¹	57	40	27	20	14	10	8	7	6	5	4
	i_2	7	10	15	20	28	40	49	56	70	80	100
63/40	kW	0.55	0.40	0.28	0.20	0.19	0.13	0.11	0.10	0.06	0.05	0.03
	Nm	72	72	70	60	70	64	58	56	42	35	25
	eff.	0.78	0.75	0.70	0.63	0.56	0.50	0.46	0.44	0.41	0.40	0.35
63/50	kW	1.02	0.70	0.50	0.33	0.32	0.21	0.20	0.16	0.11	0.09	0.06
	Nm	135	127	125	105	125	105	115	100	80	70	50
	eff.	0.79	0.76	0.70	0.66	0.59	0.52	0.50	0.46	0.42	0.40	0.35
63/60	kW	1.53	1.18	0.83	0.57	0.53	0.33	0.27	0.23	0.19	0.15	0.10
	Nm	205	217	215	192	217	177	170	152	145	110	85
	eff.	0.80	0.77	0.72	0.70	0.61	0.57	0.54	0.49	0.45	0.38	0.36
71/70	kW	1.96	1.48	1.08	0.77	0.72	0.50	0.43	0.36	0.30	0.26	0.19
	Nm	265	275	285	260	310	270	270	235	225	200	180
	eff.	0.81	0.78	0.74	0.71	0.64	0.57	0.54	0.49	0.45	0.41	0.39
71/85	kW	3.14	2.39	1.77	1.37	1.11	0.80	0.65	0.58	0.49	0.40	0.26
	Nm	430	450	475	470	475	445	420	410	390	340	250
	eff.	0.82	0.79	0.75	0.72	0.64	0.58	0.55	0.53	0.48	0.44	0.40
80/110	kW	6.02	4.63	3.58	2.61	2.18	1.60	1.27	1.12	0.86	0.86	0.54
	Nm	835	895	950	910	960	950	850	820	750	740	540
	eff.	0.83	0.81	0.74	0.73	0.66	0.62	0.57	0.55	0.52	0.45	0.42
RA 100/130	kW	7.0	6.8	5.5	3.8	3.1	2.3	1.7	1.5	1.3	1.1	0.8
	Nm	975	1320	1495	1350	1430	1380	1300	1250	1200	1080	880
	eff.	0.83	0.81	0.77	0.75	0.67	0.63	0.64	0.62	0.60	0.50	0.48
RA 100/150	kW	7.9	7.8	7.5	5.7	4.5	3.3	2.7	2.4	1.8	1.6	1.0
	Nm	1115	1535	2090	2060	2130	2050	2040	2025	1700	1459	1200
	eff.	0.84	0.82	0.79	0.76	0.69	0.66	0.64	0.62	0.60	0.52	0.50

1400 min⁻¹

Gear boxes Series RS and RT

Helical worm gear boxes RA - TA

Selection Table

i₁ = 6.3	i = i₁ x i₂	44	63	95	126	176	252	309	353	441	504	630	
	min⁻¹	32	22	15	11	8	5.5	4.6	4	3.2	2.8	2.2	
	i₂	7	10	15	20	28	40	49	56	70	80	100	
63/40	kW	0.35	0.25	0.17	0.12	0.11	0.08	0.06	0.06	0.05	0.04	0.03	
	Nm	79	78	74	63	69	63	57	55	53	51	46	
	eff.	0.76	0.72	0.67	0.60	0.52	0.45	0.43	0.39	0.35	0.34	0.31	
63/50	kW	0.62	0.42	0.30	0.20	0.20	0.14	0.11	0.10	0.09	0.07	0.05	
	71/50	Nm	145	133	130	113	138	115	108	100	92	89	72
		eff.	0.78	0.74	0.67	0.63	0.55	0.48	0.45	0.42	0.36	0.36	0.31
63/60	kW	0.92	0.74	0.52	0.40	0.35	0.23	0.16	0.16	0.11	0.10	0.08	
	71/60	Nm	218	237	235	230	238	210	160	175	141	130	122
		80/60	eff.	0.79	0.75	0.70	0.67	0.57	0.53	0.49	0.45	0.42	0.37
71/70	kW	1.2	0.95	0.68	0.50	0.44	0.32	0.26	0.23	0.18	0.17	0.12	
	80/70	Nm	289	310	310	292	320	295	272	254	221	210	190
		eff.	0.80	0.76	0.71	0.68	0.60	0.54	0.50	0.46	0.42	0.37	0.36
71/85	kW	2.0	1.6	1.1	0.84	0.69	0.53	0.43	0.37	0.28	0.26	0.22	
	80/85	Nm	490	526	516	495	501	500	466	449	391	380	345
		eff.	0.80	0.77	0.72	0.69	0.60	0.55	0.51	0.50	0.46	0.42	0.36
80/110	kW	4.3	3.2	2.4	1.8	1.6	1.1	1.0	0.80	0.66	0.51	0.32	
	100/110	Nm	1030	1100	1150	100	1170	1110	1100	995	950	780	550
		eff.	0.81	0.79	0.74	0.71	0.63	0.57	0.53	0.52	0.48	0.45	0.39
100/130	kW	6.41	4.94	3.72	2.71	2.37	1.65	1.47	1.25	1.02	0.82	0.47	
	eff.	Nm	1600	1700	1800	1700	1800	1700	1700	1600	1600	1300	900
		eff.	0.83	0.80	0.75	0.73	0.63	0.60	0.55	0.53	0.52	0.46	0.45
100/150	kW	8.41	6.61	5.04	3.77	3.02	2.31	1.82	1.41	1.24	1.09	0.84	
	eff.	Nm	2100	2300	2500	2400	2400	2500	2300	2000	1800	1800	1700
		eff.	0.83	0.81	0.77	0.74	0.66	0.63	0.60	0.59	0.81	0.48	0.47

Gear boxes Series RS and RT

1400 min⁻¹

Selection Table

Helical worm gear boxes RA - TA

$i_1 = 8$	$i = i_1 \times i_2$	56	80	120	160	224	320	392	448	560	640	800
	min ⁻¹	25	18	12	9	6	4	3.5	3	2.5	2.2	1.75
	i_2	7	10	15	20	28	40	49	56	70	80	100
63/40	kW	0.32	0.23	0.16	0.11	0.11	0.08	0.06	0.05	0.03	0.03	0.02
	Nm	93	89	84	72	85	75	69	59	45	38	27
	eff.	0.75	0.72	0.65	0.59	0.50	0.44	0.41	0.38	0.36	0.34	0.31
63/50	kW	0.58	0.41	0.28	0.20	0.18	0.13	0.10	0.09	0.06	0.05	0.03
	Nm	170	165	154	130	150	130	120	115	86	73	53
	eff.	0.77	0.73	0.67	0.61	0.55	0.47	0.45	0.41	0.36	0.37	0.31
63/60	kW	0.87	0.68	0.49	0.34	0.31	0.21	0.16	0.15	0.10	0.08	0.05
	Nm	260	280	275	240	270	235	220	200	155	125	92
	eff.	0.78	0.75	0.69	0.65	0.57	0.51	0.50	0.43	0.41	0.37	0.35
71/70	kW	1.26	0.88	0.63	0.44	0.48	0.28	0.24	0.20	0.16	0.12	0.05
	Nm	380	365	360	325	440	320	320	275	245	200	145
	eff.	0.79	0.76	0.70	0.67	0.60	0.53	0.50	0.45	0.41	0.38	0.35
71/85	kW	1.76	1.42	1.07	0.85	0.65	0.48	0.40	0.33	0.26	0.20	0.13
	Nm	530	595	620	620	600	560	550	510	450	360	260
	eff.	0.79	0.77	0.71	0.67	0.60	0.54	0.52	0.50	0.45	0.41	0.37
80/110	kW	3.42	2.75	1.97	1.52	1.29	0.97	0.73	0.64	0.52	0.43	0.27
	Nm	1045	1170	1180	1160	1200	1180	1020	980	920	850	550
	eff.	0.80	0.78	0.73	0.70	0.61	0.56	0.52	0.50	0.46	0.45	0.38
RA 100/130	kW	3.3	3.0	3.2	2.3	1.8	1.2	1.1	0.9	0.7	0.7	0.5
	Nm	1000	1240	1840	1765	1760	1700	1660	1600	1435	1330	1160
	eff.	0.80	0.78	0.73	0.72	0.62	0.58	0.56	0.54	0.51	0.45	0.43
RA 100/150	kW	3.7	3.4	3.6	3.4	2.7	2.0	1.7	1.4	1.1	1.0	0.8
	Nm	1130	1425	2150	2580	2675	2860	2550	2490	2110	1970	1855
	eff.	0.81	0.79	0.75	0.72	0.63	0.61	0.56	0.57	0.49	0.46	0.45

1400 min⁻¹

Gear boxes Series RS and RT

Two stage worm gear boxes RS/RS - RT/RT

Selection Table

RS/RS RT/RT	$i = i_1 \times i_2$	420	560	784	1120	1568	2240	2800	4000	5600	8000	10000
	min ⁻¹	3.3	2.5	1.8	1.25	0.9	0.6	0.5	0.35	0.25	0.17	0.14
	$i_1 =$ $i_2 =$	15 28	20 28	28 28	40 28	56 28	56 40	70 40	100 40	100 40	100 56	100 80
28/28	W	32	25	21	16	13	9	8	6	3	1.8	1.3
	Nm	35	36	36	36	35	30	30	30	16	12	11
	eff.	0.38	0.37	0.32	0.30	0.25	0.21	0.20	0.18	0.14	0.12	0.13
28/40	W	75	60	46	34	30	22	22	14	11	5	3
	Nm	85	85	80	80	80	73	76	70	62	41	25
	eff.	0.39	0.37	0.33	0.31	0.25	0.21	0.18	0.18	0.15	0.14	0.12
28/50	W	133	106	91	74	60	36	36	28	20	10	6
	Nm	150	150	160	175	160	125	131	147	125	78	49
	eff.	0.39	0.37	0.33	0.31	0.25	0.22	0.19	0.19	0.16	0.14	0.12
28/60	W	197	157	132	91	91	67	54	30	32	16	10
	Nm	240	240	245	230	260	245	217	164	195	128	91
	eff.	0.42	0.40	0.35	0.33	0.27	0.23	0.21	0.20	0.16	0.14	0.13
40/70	W	298	249	198	157	119	86	72	60	42	24	16
	Nm	380	400	400	395	380	370	345	360	321	201	154
	eff.	0.44	0.42	0.38	0.33	0.30	0.27	0.25	0.22	0.20	0.15	0.14
40/85	W	447	372	276	224	180	138	120	90	72	39	26
	Nm	595	625	585	625	610	615	595	565	550	373	264
	eff.	0.46	0.44	0.40	0.35	0.32	0.28	0.26	0.23	0.20	0.17	0.15
50/110	W	865	756	579	453	382	292	235	163	128	82	51
	Nm	1190	1300	1300	1280	1350	1340	1210	1070	980	810	560
	eff.	0.48	0.45	0.42	0.37	0.33	0.30	0.27	0.24	0.20	0.18	0.16
RS/RS 60/130	kW	1.5	1.1	0.75	0.55	0.55	0.37	0.25	0.25	0.25	0.25	0.25
	Nm	2015	1930	1670	1530	2015	1830	1410	1770	1850	1420	1225
	eff.	0.50	0.46	0.43	0.40	0.35	0.33	0.30	0.27	0.25	0.21	0.20
RS/RS 70/150	kW	1.8	1.5	1.1	0.75	0.75	0.55	0.37	0.37	0.25	0.25	0.25
	Nm	2570	2830	2570	2460	2850	3020	2325	2875	2670	2135	1995
	eff.	0.52	0.50	0.46	0.43	0.39	0.36	0.33	0.31	0.27	0.23	0.22

Gear boxes Series RS and RT

1400 min⁻¹

Selection Table

Geared motors

0.06 kW	min ⁻¹	i =	Nm	SF	kg	0.09 kW	min ⁻¹	i =	Nm	SF	kg
MRS-MRT 28	200	7	2.4	>3	3.6	MRS-MRT 40/85	0.4	4000	565	1.0	19
MRS-MRT 28	140	10	3.3	>3	3.6	MRS-MRT 40/85	0.3	5600	688	0.8	19
MRS-MRT 28	93	15	4.7	>3	3.6	0.12 kW					
MRS-MRT 28	70	20	6.1	2.6	3.6	MRS-MRT 28	min ⁻¹	i =	Nm	SF	kg
MRS-MRT 28	50	28	7.6	2.6	3.6	MRS-MRT 28	200	7	4.8	>3	4.8
MRS-MRT 28	35	40	10	1.7	3.6	MRS-MRT 28	140	10	6.6	2.7	4.8
MRA-MTA 63/40	32	44	14	>3	6.5	MRS-MRT 28	93	15	9.5	1.9	4.8
MRS-MRT 28	29	49	11	1.5	3.6	MRS-MRT 28	70	20	12	1.3	4.8
MRS-MRT 28	25	56	12	1.3	3.6	MRS-MRT 28	50	28	15	1.3	4.8
MRA-MTA 63/40	22	63	19	>3	6.5	MRS-MRT 40	35	40	20	2.1	6.2
MRS-MRT 28	20	70	13	0.9	3.6	MRA-MTA 63/40	32	44	27	2.9	7.7
MRS-MRT 40	18	80	16	2.0	5.0	MRS-MRT 40	29	49	23	1.8	6.2
MRA-MTA 63/40	15	95	26	2.8	6.5	MRS-MRT 40	25	56	26	1.5	6.2
MRS-MRT 40	14	100	19	1.5	5.0	MRA-MTA 63/40	22	63	37	2.1	7.7
MRA-MTA 63/40	11	126	31	2.0	6.5	MRS-MRT 40	20	70	30	1.2	6.2
MRS-MRT 28/28	9.3	150	31	1.1	5.0	MRS-MRT 40	18	80	33	1.0	6.2
MRA-MTA 63/40	8.0	176	37	1.8	6.5	MRA-MTA 63/40	15	95	52	1.4	7.7
MRS-MRT 28/28	7.0	200	30	0.8	5.0	MRS-MRT 50	14	100	38	1.1	7.5
MRA-MTA 63/40	5.5	252	46	1.4	6.5	MRA-MTA 63/40	11	126	62	1.0	7.7
MRS-MRT 28/28	5.0	280	35	0.8	5.0	MRS-MRT 28/40	9.3	150	64	1.4	7.6
MRA-MTA 63/40	4.6	309	54	1.0	6.5	MRA-MTA 63/40	8.0	176	75	0.9	7.7
MRA-MTA 63/40	4.0	353	56	1.0	6.5	MRS-MRT 28/40	7.0	200	77	1.0	7.6
MRS-MRT 28/40	3.3	420	67	1.3	6.4	MRA-MTA 63/50	5.5	252	99	1.2	9.0
MRA-MTA 63/50	3.2	441	65	1.4	7.8	MRS-MRT 28/40	5.0	280	94	0.8	7.6
MRA-MTA 63/50	2.8	504	74	1.2	7.8	MRA-MTA 63/50	4.6	309	114	0.9	9.0
MRS-MRT 28/40	2.5	560	85	1.0	6.4	MRS-MRT 28/50	3.3	420	134	1.2	8.9
MRA-MTA 63/50	2.2	630	80	0.9	7.8	MRS-MRT 28/50	2.5	560	170	0.9	8.9
MRS-MRT 28/50	1.8	784	106	1.5	7.7	MRS-MRT 28/60	1.8	784	225	1.1	12
MRS-MRT 28/50	1.3	1120	142	1.2	7.7	MRS-MRT 28/60	1.3	1120	303	0.8	12
MRS-MRT 28/50	0.9	1568	160	1.0	7.7	MRS-MRT 40/70	0.9	1568	385	1.0	16
MRS-MRT 28/60	0.6	2240	211	1.2	10	MRS-MRT 40/85	0.6	2240	513	1.2	20
MRS-MRT 28/60	0.5	2800	241	0.9	10	MRS-MRT 40/85	0.5	2800	596	1.0	20
MRS-MRT 40/70	0.4	4000	360	1.0	15	MRS-MRT 40/85	0.4	4000	753	0.8	20
MRS-MRT 40/70	0.3	5600	458	0.7	15	0.18 kW					
MRS-MRT 40/85	0.2	8000	557	0.7	19	MRS-MRT 28	min ⁻¹	i =	Nm	SF	kg
MRS-MRT 40/110	0.1	10000	614	0.4	19	MRS-MRT 28	200	7	7.2	2.5	5.4
0.09 kW						MRS-MRT 28	140	10	9.9	1.8	5.4
MRS-MRT 28	min ⁻¹	i =	Nm	SF	kg	MRS-MRT 28	93	15	14	1.3	5.4
MRS-MRT 28	200	7	3.6	>3	3.7	MRS-MRT 40	70	20	18	2.1	6.8
MRS-MRT 28	140	10	5.0	>3	3.7	MRS-MRT 40	50	28	23	2.1	6.8
MRS-MRT 28	93	15	7.1	2.5	3.7	MRS-MRT 40	35	40	30	1.4	6.8
MRS-MRT 28	70	20	9.1	1.8	3.7	MRA-MTA 63/40	32	44	41	1.9	8.3
MRS-MRT 28	50	28	11	1.8	3.7	MRS-MRT 40	29	49	35	1.2	6.8
MRS-MRT 28	35	40	15	1.1	3.7	MRS-MRT 40	25	56	39	1.0	6.8
MRA-MTA 63/40	32	44	21	>3	6.6	MRA-MTA 63/40	22	63	56	1.4	8.3
MRS-MRT 28	29	49	17	1.0	3.7	MRS-MRT 50	20	70	46	1.4	8.1
MRS-MRT 40	25	56	20	2.1	5.1	MRS-MRT 50	18	80	51	1.1	8.1
MRA-MTA 63/40	22	63	28	2.8	6.6	MRA-MTA 63/40	15	95	78	0.9	8.3
MRS-MRT 40	20	70	22	1.6	5.1	MRA-MTA 63/50	11	126	97	1.2	9.6
MRA-MTA 63/40	15	95	39	1.9	6.6	MRS-MRT 28/50	9.3	150	93	1.6	9.5
MRS-MRT 40	14	100	28	1.0	5.1	MRA-MTA 63/50	8.0	176	119	1.2	9.6
MRA-MTA 63/40	11	126	46	1.4	6.6	MRS-MRT 28/50	7.0	200	120	1.1	9.5
MRS-MRT 28/40	9.3	150	48	1.3	6.5	MRS-MRT 28/50	5.0	280	141	1.1	9.5
MRA-MTA 63/40	8.0	176	56	1.2	6.6	MRS-MRT 28/60	3.3	420	217	1.1	12
MRS-MRT 28/40	7.0	200	60	1.3	6.5	MRS-MRT 40/70	2.5	560	289	1.4	16
MRA-MTA 63/40	5.5	252	70	0.9	6.6	MRS-MRT 40/70	1.8	784	366	1.1	16
MRS-MRT 28/40	5.0	280	70	1.0	6.5	MRS-MRT 40/85	1.3	1120	481	1.3	21
MRA-MTA 63/50	4.6	309	86	1.3	7.9	MRS-MRT 40/85	0.9	1568	616	1.0	21
MRA-MTA 63/50	4.0	353	91	1.1	7.9	MRS-MRT 40/85	0.6	2240	770	0.8	21
MRS-MRT 28/50	3.3	420	101	1.5	7.8	0.25 kW					
MRA-MTA 63/50	3.2	441	97	0.9	7.9	MRS-MRT 40	min ⁻¹	i =	Nm	SF	kg
MRS-MRT 28/50	2.5	560	127	1.2	7.8	MRS-MRT 40	280	5	7.5	>3	8.3
MRS-MRT 28/50	1.8	784	159	1.0	7.8	MRS-MRT 40	200	7	10	>3	8.3
MRS-MRT 28/50	1.3	1120	213	0.8	7.8	MRS-MRT 40	140	10	14	>3	8.3
MRS-MRT 28/60	0.9	1568	260	1.0	11	MRS-MRT 40	93	15	20	2.2	8.3
MRS-MRT 40/70	0.6	2240	371	1.0	15	MRS-MRT 40	70	20	26	1.5	8.3
MRS-MRT 40/85	0.5	2800	447	1.3	19	MRS-MRT 40	50	28	32	1.5	8.3
						MRS-MRT 40	35	40	42	1.0	8.3

1400 min⁻¹

Gear boxes Series RS and RT

Geared motors

Selection Table

0.25 kW						0.55 kW					
	min ⁻¹	i =	Nm	SF	kg		min ⁻¹	i =	Nm	SF	kg
MRA-MTA 71/50	32	44	59	2.5	12	MRA-MTA 80/85	8.0	176	396	1.3	26
MRS-MRT 50	29	49	52	1.5	9.6	MRA-MTA 80/85	5.5	252	520	1.0	26
MRS-MRT 50	25	56	57	1.3	9.6	MRA-MTA	4.6	309	614	1.8	49
MRA-MTA 71/50	22	63	80	1.7	12	MRA-MTA	4.0	353	689	1.4	49
MRS-MRT 50	20	70	63	1.0	9.6	MRS-MRT	3.3	420	756	1.1	49
MRS-MRT 60	18	80	72	1.5	12	MRA-MTA	3.2	441	794	1.2	49
MRA-MTA 71/50	95	95	109	1.2	12	MRA-MTA	2.8	504	851	0.9	49
MRS-MRT 60	14	100	88	1.0	12	MRS-MRT	2.5	570	962	1.3	49
MRA-MTA 71/60	11	126	144	1.6	15	MRS-MRT	1.8	784	1235	1.5	49
MRS-MRT 40/70	9.3	150	146	1.5	18						
MRA-MTA 71/60	8.0	176	171	1.4	15						
MRS-MRT 40/70	7.0	200	188	1.5	18						
MRA-MTA 71/70	5.5	252	232	1.3	18						
MRS-MRT 40/70	5.0	280	224	1.5	18						
MRA-MTA 71/70	4.6	309	263	1.0	18						
MRA-MTA 71/70	4.0	353	277	0.9	18						
MRS-MRT 40/70	3.3	420	315	1.2	18						
MRS-MRT 40/70	2.5	560	401	1.0	18						
MRS-MRT 40/85	1.8	784	535	1.1	22						
MRS-MRT 50/110	1.3	1120	707	1.8	46						
MRS-MRT 50/110	0.9	1568	882	1.5	46						
MRS-MRT 50/110	0.6	2240	1146	1.2	46						
MRS-MRT 50/110	0.5	2800	1289	0.9	46						
0.37 kW						0.75 kW					
	min ⁻¹	i =	Nm	SF	kg		min ⁻¹	i =	Nm	SF	kg
MRS-MRT 40	280	5	11	>3	8.7	MRS-MRT 50	280	5	23	>3	14
MRS-MRT 40	200	7	15	3.0	8.7	MRS-MRT 50	200	7	31	2.4	14
MRS-MRT 40	140	10	21	2.2	8.7	MRS-MRT 50	140	10	43	1.7	14
MRS-MRT 40	93	15	30	1.5	8.7	MRS-MRT 50	93	15	60	1.2	14
MRS-MRT 40	70	20	38	1.0	8.7	MRS-MRT 60	70	20	79	1.5	17
MRS-MRT 40	50	28	48	1.0	8.7	MRS-MRT 60	50	28	102	1.4	17
MRS-MRT 50	35	40	65	1.1	10	MRS-MRT 60	35	40	135	1.0	17
MRA-MTA 71/50	32	44	87	1.7	13	MRA-MTA 80/60	32	44	178	1.2	20
MRS-MRT 50	29	49	77	1.0	10	MRS-MRT 70	29	49	168	1.1	19
MRS-MRT 60	25	56	85	1.5	13	MRS-MRT 70	25	56	183	1.0	19
MRA-MTA 71/50	22	63	118	1.1	13	MRA-MTA 80/60	22	63	242	1.0	20
MRS-MRT 60	20	70	97	1.3	13	MRS-MRT 85	20	70	226	1.3	23
MRS-MRT 60	18	80	107	1.0	13	MRS-MRT 85	18	80	246	1.1	23
MRA-MTA 71/60	15	95	168	1.4	16	MRA-MTA 80/70	11	126	341	0.9	23
MRS-MRT 70	14	100	130	1.0	15	MRA-MTA 80/85	8.0	176	540	0.9	27
MRA-MTA 71/60	11	126	213	1.1	15	MRA-MTA	5.5	252	735	1.5	50
MRS-MRT 40/70	9.3	150	217	2.1	18	MRA-MTA	4.6	309	838	1.3	50
MRA-MTA 71/60	8.0	176	253	0.9	15	MRA-MTA	4.0	353	939	1.1	50
MRS-MRT 40/70	7.0	200	278	1.3	18	MRS-MRT	3.3	420	1031	1.2	50
MRA-MTA 71/70	5.5	252	343	0.9	18	MRA-MRT	3.2	441	1083	0.9	50
MRS-MRT 40/70	5.0	280	332	1.1	18	MRS-MRT	2.5	570	1289	1.0	50
MRS-MRT 40/85	3.3	420	488	1.2	23						
MRS-MRT 40/85	2.5	560	622	1.0	23						
MRS-MRT 50/110	1.3	1120	1046	1.2	47						
MRS-MRT 50/110	0.9	1568	1306	1.1	47						
0.55 kW						1.1 kW					
	min ⁻¹	i =	Nm	SF	kg		min ⁻¹	i =	Nm	SF	kg
MRS-MRT 40	280	5	16	2.8	10.7	MRS-MRT 60	280	5	34	>3	19
MRS-MRT 50	200	7	23	>3	12	MRS-MRT 60	200	7	45	2.5	19
MRS-MRT 50	140	10	32	2.4	12	MRS-MRT 60	140	10	63	2.1	19
MRS-MRT 50	93	15	44	1.7	12	MRS-MRT 60	93	15	91	1.4	19
MRS-MRT 50	70	20	57	1.1	12	MRS-MRT 60	70	20	116	1.1	19
MRS-MRT 50	50	28	75	1.1	12	MRS-MRT 70	50	28	158	1.4	21
MRS-MRT 60	35	40	99	1.4	15	MRS-MRT 70	35	40	213	1.1	21
MRA-MTA 80/60	32	44	130	1.7	19	MRA-MTA 80/70	32	44	264	1.1	25
MRS-MRT 60	29	49	114	1.1	15	MRS-MRT 85	29	49	246	1.3	26
MRS-MRT 60	25	56	126	1.0	15	MRS-MRT 85	25	56	286	1.1	26
MRA-MTA 80/60	22	63	177	1.2	19	MRA-MTA 80/85	22	63	364	1.4	30
MRS-MRT 70	20	70	155	1.1	18	MRS-MRT 110	20	70	352	1.8	48
MRS-MRT 70	18	80	168	1.0	18	MRS-MRT 110	18	80	396	1.3	48
MRA-MTA 80/60	15	95	249	1.0	19	MRA-MTA 80/85	15	95	513	1.0	30
MRS-MRT 85	14	100	210	1.0	22	MRS-MRT 110	14	100	458	1.0	48
MRA-MTA 80/70	11	126	321	1.1	22	MRA-MTA	11	126	671	1.6	52
						MRA-MTA	8.0	176	832	1.4	52
						MRA-MRT	5.5	252	1078	1.0	52
						MRA-MTA	4.6	309	1229	0.9	52
						MRA 100/130	3.5	400	1681	1.0	76
						MRS-MRT	3.3	420	1576	1.3	69
						MRA 100/150	3.0	448	1916	1.3	106
						MRA 100/150	2.5	560	2059	1.0	106
						MRA 100/150	2.2	640	2209	0.9	106
						MRS-MRT 70/150	1.8	784	2706	0.9	102
1.5 kW											
	min ⁻¹	i =	Nm	SF	kg		min ⁻¹	i =	Nm	SF	kg
MRS-MRT 60	280	5	46	2.7	20						
MRS-MRT 60	200	7	62	1.8	20						
MRS-MRT 60	140	10	86	1.5	20						
MRS-MRT 60	93	15	124	1.0	20						
MRS-MRT 70	70	20	166	1.2	23						
MRS-MRT 70	50	28	215	1.0	23						
MRS-MRT 85	35	40	295	1.4	27						

Gear boxes Series RS and RT

1400 min⁻¹

Selection Table

Geared motors

1.5 kW						4.0 kW					
	min ⁻¹	i =	Nm	SF	kg		min ⁻¹	i =	Nm	SF	kg
MRA-MTA 80/85	32	44	360	1.4	31	MRS 150	25	56	1115	1.3	130
MRS-MRT 85	29	49	336	0.9	27	MRS 150	20	70	1299	0.9	130
MRS-MRT 110	29	49	356	1.8	50	MRA 100/130	20	70	1433	0.9	93
MRS-MRT 110	25	56	401	1.5	50	MRA 100/150	18	80	1724	0.9	123
MRA-MTA 80/85	22	63	496	1.1	31	MRA 100/150	14	98	1845	1.2	123
MRS-MRT 110	20	70	480	1.3	50	MRA 100/150	12	120	2456	0.9	123
MRS-MRT 110	18	80	540	1.0	50						
MRA-MTA 80/110	15	95	719	1.6	54	5.5 kW					
MRS 130	14	100	624	1.2	64		min ⁻¹	i =	Nm	SF	kg
MRA-MTA 80/110	11	126	915	1.2	54	MRS-MRT 110	200	7	231	2.3	79
MRA-MTA 80/110	8.0	176	1135	1.0	54	MRS-MRT 110	140	10	326	1.6	79
MRA 100/130	7.0	200	1269	1.0	78	MRS-MRT 110	93	15	473	1.2	79
MRA 100/130	6.3	224	1421	1.2	78	MRS-MRT 110	70	20	623	1.0	79
MRA 100/150	5.0	280	1490	1.1	108	MRS 130	50	28	809	1.4	93
MRA 100/150	3.5	400	2292	1.1	108	MRS 130	35	40	1141	1.0	93
MRA 100/150	3.0	448	2613	1.0	108	MRS 150	29	49	1342	1.1	123
						MRA 100/130	27	53	1531	1.0	107
						MRS 150	25	56	1534	0.9	123
2.2 kW						7.5 kW					
	min ⁻¹	i =	Nm	SF	kg		min ⁻¹	i =	Nm	SF	kg
MRS-MRT 70	280	5	92	1.9	28	MRS-MRT 110	200	7	315	1.7	88
MRS-MRT 70	200	7	92	1.8	28	MRS-MRT 110	140	10	445	1.2	88
MRS-MRT 70	140	10	129	1.4	28	MRS-MRT 110	93	15	645	0.9	88
MRS-MRT 70	93	15	187	1.0	28	MRS 130	93	15	652	1.5	102
MRS-MRT 85	70	20	246	1.3	33	MRS 130	70	20	860	1.1	102
MRS-MRT 85	50	28	319	1.0	33	MRS 130	50	28	1103	1.0	102
MRS-MRT 110	35	40	438	1.6	55	MRS 150	35	40	1576	1.1	132
MRS-MRT 110	29	49	522	1.2	55	MRA 100/130	26	53	1041	1.4	116
MRS-MRT 110	25	56	588	1.0	55	MRA 100/150	25	56	1036	1.1	146
MRS-MRT 110	20	70	704	0.9	55						
MRS 130	18	80	756	1.1	69	11 kW					
MRS 150	14	100	945	1.2	99		min ⁻¹	i =	Nm	SF	kg
MRA 100/130	14	98	985	1.5	83	MRS 150	200	7	467	2.3	148
MRA 100/130	12	125	1369	1.3	83	MRS 150	140	10	660	1.9	148
MRA 100/130	10	140	1324	1.0	83	MRS 150	93	15	968	1.5	148
MRA 100/130	8.9	160	1729	1.0	83	MRS 150	70	20	1261	1.1	148
MRA 100/150	7.0	200	1861	1.1	113	MRS 150	50	28	1660	0.9	148
MRA 100/150	6.3	230	2175	1.2	113						
3.0 kW						15 kW					
	min ⁻¹	i =	Nm	SF	kg		min ⁻¹	i =	Nm	SF	kg
MRS-MRT 70	280	5	91	1.9	30	MRS 150	200	7	637	1.7	158
MRS-MRT 70	200	7	126	1.3	30	MRS 150	140	10	900	1.4	158
MRS-MRT 70	140	10	176	1.0	30	MRS 150	93	15	1320	1.1	158
MRS-MRT 85	93	15	255	1.1	35						
MRS-MRT 85	70	20	336	1.0	35						
MRS-MRT 110	50	28	435	1.5	57						
MRS-MRT 110	35	40	598	1.2	57						
MRS-MRT 110	29	49	712	0.9	57						
MRS 130	29	49	722	1.3	71						
MRS 130	25	56	814	1.2	71						
MRS 150	20	70	974	1.3	101						
MRA 100/130	20	70	1074	1.3	85						
MRS 150	18	80	1064	1.1	101						
MRA 100/130	18	80	1277	1.0	85						
MRS 150	14	100	1289	0.9	101						
MRA 100/130	14	98	1344	1.1	85						
MRA 100/130	12	120	1793	1.0	85						
MRA 100/150	10	140	1891	1.1	101						
MRA 100/150	8.9	160	2357	1.1	101						
4.0 kW											
	min ⁻¹	i =	Nm	SF	kg						
MRS-MRT 85	280	5	122	2.3	43						
MRS-MRT 85	200	7	168	1.5	43						
MRS-MRT 85	140	10	235	1.1	43						
MRS-MRT 110	93	15	344	1.6	65						
MRS-MRT 110	70	20	453	1.4	65						
MRS-MRT 110	50	28	581	1.1	65						
MRS 130	35	40	829	1.4	79						
MRS 130	29	49	963	1.0	79						
MRS 130	25	56	1085	0.9	79						