



### 3.8 Technická data převodovek s elektromotorem CRMI

$n_2$ min <sup>-1</sup>	ir	T2 Nm	FS'	CRMI
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#### 0.09 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	44	1.4	28/40
10.0	140	47	2.1	28/50
7.0	200	60	1.0	28/40
7.0	200	64	1.6	28/50
5.0	280	75	0.8	28/40
5.0	280	79	1.3	28/50
5.0	280	79	2.9	28/63
3.5	400	113	0.9	28/50
3.5	400	113	2.0	28/63
3.5	400	115	2.5	40/70
2.3	600	141	1.6	28/63
2.3	600	145	2.0	40/70
1.4	980	212	1.1	28/63
1.4	980	213	1.4	40/70
1.4	980	219	2.1	40/85
1.0	1372	245	0.9	28/63
1.0	1372	245	1.2	40/70
1.0	1372	240	1.9	40/85
0.7	1960	322	0.9	40/70
0.7	1960	329	1.4	40/85
0.5	2800	380	1.2	40/85
0.4	4000	508	0.9	40/85
0.3	5600	460*	*	40/85
0.2	7000	460*	*	40/85
0.2	8000	406*	*	40/85
0.1	10000	350*	*	40/85

#### 0.12 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	59	1.0	28/40
10.0	140	62	1.7	28/50
7.0	200	85	1.2	28/50
7.0	200	87	2.7	28/63
7.0	200	89	3.3	40/70
5.0	280	105	1.0	28/50
5.0	280	105	2.2	28/63
5.0	280	106	2.7	40/70
3.5	400	151	1.5	28/63
3.5	400	153	1.9	40/70
3.5	400	160	2.9	40/85
2.3	600	188	1.2	28/63
2.3	600	193	1.5	40/70
2.3	600	197	2.3	40/85
1.4	980	313	0.9	50/70
1.4	980	284	1.0	40/70
1.4	980	293	1.6	40/85

### 3.8 CRMI gearmotors performances

$n_2$ min <sup>-1</sup>	ir	T2 Nm	FS'	CRMI
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#### 0.12 kW

$n_1 = 1400$ min <sup>-1</sup>				
1.0	1372	361	0.8	50/70
1.0	1372	327	0.9	40/70
1.0	1372	320	1.4	40/85
1.0	1372	375	2.6	50/110
0.7	1960	439	1.1	40/85
0.7	1960	505	1.9	50/110
0.5	2800	506	0.9	40/85
0.5	2800	629	1.5	50/110
0.4	4000	770	1.3	50/110
0.3	5600	990	1.0	50/110
0.2	7000	1100	0.9	50/110
0.2	8000	860*	*	50/110
0.1	10000	700*	*	50/110

#### 0.18 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	93	1.1	28/50
10.0	140	96	2.4	28/63
10.0	140	97	2.7	40/70
7.0	200	130	1.8	28/63
7.0	200	133	2.2	40/70
5.0	280	158	1.5	28/63
5.0	280	159	1.8	40/70
5.0	280	159	2.9	40/85
3.5	400	226	1.0	28/63
3.5	400	229	1.3	40/70
3.5	400	240	1.9	40/85
2.3	600	282	0.8	28/63
2.3	600	289	1.0	40/70
2.3	600	295	1.6	40/85
1.4	980	439	1.0	40/85
1.4	980	493	1.9	50/110
1.0	1372	480	1.0	40/85
1.0	1372	562	1.7	50/110
0.7	1960	758	1.3	50/110
0.5	2800	943	1.0	50/110
0.4	4000	1155	0.8	50/110
0.3	5600	960*	*	50/110
0.2	7000	960*	*	50/110
0.2	8000	860*	*	50/110
0.1	10000	700*	*	50/110

### 3.8 Leistungen der CRMI Getriebe

$n_2$ min <sup>-1</sup>	ir	T2 Nm	FS'	CRMI
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#### 0.25 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	135	2.0	40/70
10.0	140	141	3.3	40/85
7.0	200	185	1.6	40/70
7.0	200	191	2.4	40/85
5.0	280	220	1.3	40/70
5.0	280	220	2.1	40/85
3.5	400	319	0.9	40/70
3.5	400	334	1.4	40/85
3.5	400	353	2.7	50/110
2.3	600	410	1.1	40/85
2.3	600	450	2.1	50/110
1.4	980	684	1.4	50/110
1.4	980	695	2.3	63/130
1.0	1372	781	1.2	50/110
1.0	1372	779	2.1	63/130
0.7	1960	1053	0.9	50/110
0.7	1960	1048	1.5	63/130
0.5	2800	1329	1.2	63/130
0.4	4000	1670	1.0	63/130
0.3	5600	1600*	*	63/130
0.2	7000	1600*	*	63/130
0.2	8000	1600*	*	63/130
0.1	10000	1250*	*	63/130

#### 0.37 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	199	1.3	40/70
10.0	140	208	2.2	40/85
7.0	200	274	1.1	40/70
7.0	200	282	1.6	40/85
7.0	200	294	3.3	50/110
5.0	280	326	0.9	40/70
5.0	280	326	1.4	40/85
5.0	280	353	2.7	50/110
3.5	400	494	0.9	40/85
3.5	400	522	1.8	50/110
3.5	400	536	3.0	63/130
2.3	600	606	0.8	40/85
2.3	600	666	1.4	50/110
2.3	600	654	2.4	63/130
1.4	980	1013	0.9	50/110
1.4	980	1029	1.6	63/130
1.0	1372	1156	0.8	50/110
1.0	1372	1152	1.4	63/130
0.7	1960	1551	1.0	63/130
0.5	2800	1967	0.8	63/130



**3.8 Technická data převodovek s elektromotorem CRMI**

$n_{2-1}$ min <sup>-1</sup>	ir	T2 Nm	FS'	CRMI
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**0.37 kW**

$n_1 = 1400$ min <sup>-1</sup>				
0.4	4000	1600*	*	63/130
0.3	5600	1600*	*	63/130
0.2	7000	1600*	*	63/130
0.2	8000	1600*	*	63/130
0.1	10000	1250*	*	63/130

**0.55 kW**

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	313	1.5	50/85
10.0	140	318	3.0	50/110
7.0	200	425	1.1	50/85
7.0	200	437	2.2	50/110
5.0	280	491	0.9	50/85
5.0	280	525	1.8	50/110
5.0	280	532	3.0	63/130
3.5	400	776	1.2	50/110
3.5	400	797	2.0	63/130
2.3	600	990	1.0	50/110
2.3	600	972	1.6	63/130
1.4	980	1530	1.0	63/130
1.4	980	1601	1.6	85/150
1.4	980	1601	2.6	85/180
1.0	1372	1713	0.9	63/130
1.0	1372	1840	1.4	85/150
1.0	1372	1907	2.2	85/180
0.7	1960	2390	1.1	85/150
0.7	1960	2390	1.8	85/180
0.5	2800	3204	0.8	85/150
0.5	2800	3204	1.3	85/180
0.4	4000	3897	1.1	85/180
0.3	5600	4200*	*	85/180
0.2	7000	4200*	*	85/180
0.2	8000	4200*	*	85/180
0.1	10000	3300*	*	85/180

**0.75 kW**

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	427	1.1	50/85
10.0	140	433	2.2	50/110
7.0	200	579	0.8	50/85
7.0	200	596	1.6	50/110
7.0	200	603	2.7	63/130
5.0	280	717	1.3	50/110

**3.8 CRMI gearmotors performances**

$n_{2-1}$ min <sup>-1</sup>	ir	T2 Nm	FS'	CRMI
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**0.75 kW**

$n_1 = 1400$ min <sup>-1</sup>				
5.0	280	725	2.2	63/130
3.5	400	1058	0.9	50/110
3.5	400	1087	1.5	63/130
2.3	600	1326	1.2	63/130
1.4	980	2183	1.2	85/150
1.4	980	2183	1.9	85/180
1.0	1372	2509	1.0	85/150
1.0	1372	2601	1.6	85/180
0.7	1960	3259	0.8	85/150
0.7	1960	3259	1.3	85/180
0.5	2800	4369	1.0	85/180
0.4	4000	4200*	*	85/180
0.3	5600	4200*	*	85/180
0.2	7000	4200*	*	85/180
0.2	8000	4200*	*	85/180
0.1	10000	3300*	*	85/180

**1.1 kW**

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	635	1.5	63/110
10.0	140	644	2.6	63/130
7.0	200	884	1.1	63/110
7.0	200	884	1.8	63/130
7.0	200	920	2.8	85/150
5.0	280	1064	0.9	63/110
5.0	280	1064	1.5	63/130
5.0	280	1112	2.3	85/150
3.5	400	1595	1.0	63/130
3.5	400	1660	1.6	85/150
3.5	400	1684	2.5	85/180
2.3	600	1945	0.8	63/130
2.3	600	2042	1.3	85/150
2.3	600	2079	2.0	85/180
1.4	980	3202	0.8	85/150
1.4	980	3202	1.3	85/180
1.0	1372	3814	1.1	85/180
0.7	1960	4780	0.9	85/180
0.5	2800	4200*	*	85/180
0.4	4000	4200*	*	85/180
0.3	5600	4200*	*	85/180
0.2	7000	4200*	*	85/180
0.2	8000	4200*	*	85/180
0.1	10000	3300*	*	85/180

**3.8 Leistungen der CRMI Getriebe**

$n_{2-1}$ min <sup>-1</sup>	ir	T2 Nm	FS'	CRMI
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**1.5 kW**

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	866	1.1	63/110
10.0	140	878	1.9	63/130
10.0	140	913	2.9	85/150
7.0	200	1206	0.8	63/110
7.0	200	1206	1.3	63/130
7.0	200	1255	2.1	85/150
5.0	280	1451	1.1	63/130
5.0	280	1516	1.7	85/150
5.0	280	1564	2.4	85/180
3.5	400	2263	1.1	85/150
3.5	400	2296	1.8	85/180
2.3	600	2785	0.9	85/150
2.3	600	2835	1.5	85/180
1.4	980	4367	1.0	85/180
1.0	1372	5201	0.8	85/180
0.7	1960	4200*	*	85/180
0.5	2800	4200*	*	85/180
0.4	4000	4200*	*	85/180
0.3	5600	4200*	*	85/180
0.2	7000	4200*	*	85/180
0.2	8000	4200*	*	85/180
0.1	10000	3300*	*	85/180

**1.8 kW**

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	1069	0.9	63/110
10.0	140	1083	1.5	63/130
10.0	140	1126	2.3	85/150
7.0	200	1487	1.1	63/130
7.0	200	1548	1.7	85/150
5.0	280	1789	0.9	63/130
5.0	280	1870	1.3	85/150
5.0	280	1929	1.9	85/180
3.5	400	2791	0.9	85/150
3.5	400	2831	1.5	85/180
2.3	600	3435	0.8	85/150
2.3	600	3496	1.2	85/180
1.4	980	5386	0.8	85/180



### 3.8 Technická data převodovek s elektromotorem CRMI

### 3.8 CRMI gearmotors performances

### 3.8 Leistungen der CRMI Getriebe

$n_2$ min <sup>-1</sup>	ir	T2 Nm	FS'	CRMI
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## 2.2 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	1304	1.3	<b>70/130</b>
10.0	140	134	2.0	<b>85/150</b>
10.0	140	1357	2.8	<b>85/180</b>
7.0	200	1790	0.9	<b>70/130</b>
7.0	200	1841	1.4	<b>85/150</b>
7.0	200	1866	2.2	<b>85/180</b>
5.0	280	2224	1.1	<b>85/150</b>
5.0	280	2294	1.6	<b>85/180</b>
3.5	400	3367	1.3	<b>85/180</b>
2.3	600	4157	1.0	<b>85/180</b>

## 3 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	1778	0.9	<b>85/130</b>
10.0	140	1826	1.4	<b>85/150</b>
10.0	140	1851	2.0	<b>85/180</b>
7.0	200	2510	1.0	<b>85/150</b>
7.0	200	2544	1.6	<b>85/180</b>
5.0	280	3032	0.8	<b>85/150</b>
5.0	280	3129	1.2	<b>85/180</b>
3.5	400	4591	0.9	<b>85/180</b>

## 4 kW

$n_1 = 1400$ min <sup>-1</sup>				
10.0	140	2435	1.1	<b>85/150</b>
10.0	140	2468	1.5	<b>85/180</b>
7.0	200	3392	1.2	<b>85/180</b>
5.0	280	4171	0.9	<b>85/180</b>

**Poznámka:**

Hodnoty označené (\*) platí pro maximální kroučící moment, který může být použit pro převodovky s FS=1. V těchto případech by neměl být nikdy využit výkon motoru, protože by mohlo dojít k poškození převodovky.

**NOTE:**

*Values marked with (\*) show the maximum torque that can be applied to the gearbox with FS=1. In these cases, the power of the motor applied shall never be used completely in order to avoid damages to the gearbox.*

**HINWEIS:**

Die mit (\*) gekennzeichneten Werte zeigen das für ein Getriebe bei FS=1 mögliche Maximaldrehmoment an. Um Schäden am Getriebe zu vermeiden, darf in diesen Fällen der Motor nicht mit voller Leistung gefahren werden.