



### Technical Information

### Maximum motorload diagram

Motor size	Full load shaft power		Maximum load as % of full load <sup>1)</sup> at higher medium temperature				
	50 Hz [kW]	60 Hz [hp]	40°C 104°F	50°C 122°F	60°C 140°F	70°C 158°F	80°C 176°F
<b>BB</b>	1.5	2.3	100	100	100	93	88
<b>BA-M</b> <sup>2)</sup>	1.8	2.8	100	100	100	92	85
<b>BD</b>	2.2	3.4	100	100	100	100	98
<b>BE</b>	2.6	4.0	100	100	100	100	94
<b>BH</b>	4	6.2	100	100	94	86	78
<b>BJ</b>	5	7.7	100	100	95	89	83
<b>BR</b>	9	14.6	100	100	100	98	90
<b>BZ</b>	13	20	100	100	100	100	91
<b>DA</b>	0.65	1.0	100	100	100	100	100
<b>DA-M</b> <sup>2)</sup>	0.65	1.0	100	100	100	100	100
<b>DC</b>	1.5	2.3	100	100	100	100	100
<b>DD</b>	2.2	3.4	100	100	100	100	95
<b>DG</b>	3.5	5.4	100	100	92	84	77
<b>DG-E/C</b>	3.5	5.4	100	100	100	100	98
<b>DJ</b>	5	7.7	100	100	100	100	95
<b>DL</b>	6	9.4	100	97	90	83	77
<b>DO</b>	7.5	11.6	100	100	100	92	81
<b>DU</b>	10.5	16.2	100	100	96	89	84
<b>DZ</b>	13	20	100	94	89	83	77
<b>FE</b>	2.4	3.8	100	100	100	100	100
<b>FH</b>	4	6.2	100	100	100	100	100
<b>FR</b>	9	14	100	100	100	100	100
<b>FZ</b>	13	20	100	100	100	95	90
<b>JE</b>	20	30.8	100	96	90	83	77
<b>JG</b>	29	44.7	100	100	100	95	87
<b>JL</b>	48	74	100	100	91	83	73
<b>LD</b>	16	25	100	100	92	84	74
<b>LF</b>	22	33.9	100	96	91	83	75
<b>LI</b>	34	52.4	100	93	90	82	75
<b>LL</b>	48	74	100	97	90	85	76
<b>LN</b>	59	92.2	100	95	90	80	70
<b>LT</b>	80	125	100	95	90	80	70
<b>LY</b>	100	156	100	95	90	80	70
<b>NE</b>	20	40.1	100	100	100	100	100
<b>NG</b>	26	40.6	100	95	90	80	70
<b>NO</b>	60	92.5	100	95	90	80	70
<b>PG</b>	26	40.6	100	95	90	80	70
<b>PM</b>	45	76.4	100	95	90	80	70

1) Ratings apply to fully submerged motors for duty type S1 according to BS 4999 part 30 (VDE 0530) S1 = continuous running duty type. Voltage +- 5%, frequency +- 5%.

2) M=single phase.