



1500 1/min - S1

Motor type	$\frac{P_N}{M_N}$	$n_N$	$I_N$ 380-415 V (400 V)	cosφ	EFF 2	$\eta_{75\%}$ $\eta_{100\%}$	$I_A/I_N$	$M_A/M_N$ $M_H/M_N$	$J_{Mot}$		$Z_0$ BG <sup>4)</sup> BGE <sup>5)</sup>	$M_{Bmax}$	$m^{1)}$	
	[kW]								[rpm]	[A]			[1/h]	[Nm]
DT56M4	0.09 0.66	1300	0.31 (0.29)	0.68	-	-	2.6	2.1 1.8	1.1	1.2	10000	0.8	6)	
DT56L4	0.12 0.88	1300	0.46 (0.42)	0.68	-	-	2.6	2.2 1.9	1.1	1.2	10000	1.2	6)	
DR63S4	0.12 0.83	1380	0.39 (0.39)	0.69	-	-	3.3	2.4 2.2	3.6	4.8	10000	2.4	6.1	7.6
DR63M4	0.18 1.3	1320	0.55 (0.55)	0.78	-	-	2.9	1.8 1.7	3.6	4.8	10000	3.2	6.1	7.6
DR63L4	0.25 1.8	1300	0.73 (0.68)	0.81	-	-	2.8	1.8 1.7	4.4	5.6	10000	3.2	6.7	8.2
DT71D4	0.37 2.6	1380	1.24 (1.15)	0.76	-	-	3.0	1.8 1.7	4.6	5.5	6000 9500	5	7.0	9.9
DT80K4	0.55 3.9	1360	1.75 (1.75)	0.72	-	-	3.4	2.1 1.8	6.6	7.5	4100 11000	10	9.9	12.7
DT80N4	0.75 5.2	1380	2.15 (2.1)	0.73	-	-	3.8	2.2 2.0	8.7	9.6	5200 14000	10	11.5	14.3
DT90S4	1.1 7.5	1400	2.8 (2.8)	0.77	EFF 2	77.5 76.5	4.3	2.0 1.9	25	31	2500 6300	20	16	26
DT90L4	1.5 10.2	1410	3.7 (3.55)	0.78	EFF 2	80.2 79.0	5.3	2.6 2.3	34	40	3000 7600	20	18	28
DV100M4	2.2 15	1410	4.9 (4.7)	0.83	EFF 2	82.8 82.0	5.9	2.7 2.3	53	59	1800 8500	40	27	37
DV100L4	3 20.5	1400	6.5 (6.3)	0.83	EFF 2	84.5 83.0	5.6	2.7 2.2	65	71	1800 7600	40	30	40
DV112M4	4 26.9	1420	8.7 (8.7)	0.84	EFF 2	85.9 84.2	5.4	2.4 2.1	98	110	- 3800	55	36	45
DV132S4	5.5 36.7	1430	11.4 (11.0)	0.85	EFF 2	87.6 85.7	6.0	2.7 2.4	146	158	- 3000	75	45	54
DV132M4	7.5 50.1	1430	15.5 (15.5)	0.85	EFF 2	89.5 87.5	6.2	2.1 2.0	280	330	- 1700	100	66	90
DV132ML4	9.2 61	1440	18.7 (18.1)	0.84	EFF 2	89.6 88.0	6.0	2.5 2.0	330	380	- 1200	150	75	100
DV160M4	11 72.9	1440	22.5 (22.5)	0.83	EFF 2	88.9 88.5	6.0	2.5 2.3	398	448	- 1200	150	84	109
DV160L4	15 98.1	1460	31.0 (29.5)	0.82	EFF 2	90.3 90.0	5.5	2.4 1.8	925	1060	- 1000	200	124	166
DV180M4	18.5 121	1465	38.5 (37)	0.80	EFF 2	90.8 90.0	5.9	2.6 2.0	1120	1255 1350 <sup>7)</sup>	- 1300	300 300 <sup>7)</sup>	147	188 192 <sup>7)</sup>
DV180L4	22 143	1465	46 (42.5)	0.82	EFF 2	91.4 90.5	6.0	2.7 2.0	1290	1425 1520 <sup>7)</sup>	- 650	300 300 <sup>7)</sup>	158	200 204 <sup>7)</sup>
DV200L4	30 195	1470	57 (55)	0.86	EFF 2	91.8 91.5	6.5	2.8 2.0	2340	2475 2570 <sup>7)</sup>	- 600	300 600 <sup>7)</sup>	244	295 299 <sup>7)</sup>
DV225S4	37 240	1470	70 (67)	0.87	EFF 2	93.2 92.5	6.5	2.8 2.0	3010	3145 3240 <sup>7)</sup>	- 360	300 600 <sup>7)</sup>	296	347 351 <sup>7)</sup>
DV225M4	45 292	1470	86 (83)	0.85	EFF 2	93.8 93.0	7.3	3.3 2.0	3570	3705 3800 <sup>7)</sup>	- 300	300 600 <sup>7)</sup>	325	377 381 <sup>7)</sup>
DV250M4	55 356	1475	106 (102)	0.83	EFF 2	94.0 93.8	6.0	2.7 2.0	6300	6600 6730 <sup>7)</sup>	- 200	600 1200 <sup>7)</sup>	448	528 538 <sup>7)</sup>
DV280S4	75 484	1480	142 (138)	0.83	EFF 2	94.2 94.4	7.2	3.2 2.2	8925	9225 9355 <sup>7)</sup>	- 150	600 1200 <sup>7)</sup>	520	600 610 <sup>7)</sup>
DV280M4	90 581	1480	173 (170)	0.81	EFF 2	94.4 94.5	7.1	3.3 2.2	8925	9225 9355 <sup>7)</sup>	- 100	600 1200 <sup>7)</sup>	520	600 610 <sup>7)</sup>

- 1) Applies to flange motor
- 2) Without brake
- 3) With brake
- 4) Operation with BG brake control system
- 5) Operation with BGE brake control system
- 6) In combination with helical gear units R07, RF07, R07F or Spiroplan® gear units W10, WF10, WA10, WAF10 only
- 7) Double disc brake