



8.2 Technical data DR/DT/DV/DTE/DVE

3000 1/min - S1

Motor type	P _N M _N [kW] [Nm]	n _N [rpm]	I _N 380-415 V (400 V) [A]	cosφ	EFF3	η _{75%} η _{100%} [%]	I _A /I _N	M _A /M _N M _H /M _N	J _{Mot}		Z ₀ BG ⁴⁾ BGE ⁵⁾ [1/h]	M _{Bmax} [Nm]	m ¹⁾	
									2)	3)			2)	3)
DR63S2	0.18 0.63	2720	0.46 (0.45)	0.88	-	-	4.2	2.4 2.2	3.6	4.8	5000 -	1.6	6.2	8.0
DR63M2	0.25 0.9	2660	0.66 (0.65)	0.86	-	-	3.5	2.2 1.9	3.6	4.8	4500 -	2.4	6.2	8.0
DR63L2	0.37 1.3	2650	1.0 (0.92)	0.87	-	-	3.5	2.1 1.9	4.4	5.6	4000 -	3.2	6.7	8.5
DT71D2	0.55 1.9	2700	1.75 (1.65)	0.78	-	-	3.2	2.2 1.9	4.6	5.5	2700 4600	5	7.0	9.9
DT80K2	0.75 2.7	2700	2.35 (2.0)	0.86	-	-	3.7	2.0 1.8	6.6	7.5	2100 5800	10	9.9	12.7
DT80N2	1.1 3.9	2700	2.7 (2.65)	0.84	EFF3	74.4 72.6	4.0	2.0 1.8	8.7	9.6	1800 3600	10	11.5	14.3
DT90S2	1.5 5.3	2800	3.95 (3.8)	0.82	EFF3	71.4 71.7	4.2	2.3 2.1	25	31	1300 2700	20	16	26
DT90L2	2.2 7.5	2810	5.8 (5.1)	0.82	EFF3	74.1 74.3	4.8	2.5 2.2	34	40	1150 2700	20	18	28
DV100M2	3 10.2	2800	6.4 (5.9)	0.94	EFF3	81.0 78.6	5.0	2.0 1.8	53	59	700 1800	40	27	37
DV112M2	4 13.3	2860	8.2 (8.1)	0.88	EFF3	83.4 82.4	5.6	2.3 1.8	98	110	- 700	55	36	45
DV132S2	5.5 18.2	2880	10.9 (10.5)	0.88	EFF3	85.7 85.0	6.6	2.5 2.2	146	158	- 540	75	45	54
DV132M2	7.5 24.7	2900	15.2 (15.2)	0.86	EFF3	85.5 86.2	6.8	2.3 1.1	280	330	- 540	100	66	90
DV132ML2	9.2 30.4	2890	19 (18.1)	0.87	EFF3	86.0 86.5	7.2	2.5 0.9	330	380	- 450	150	75	100
DV160M2	11 36.2	2900	21.5 (21)	0.88	EFF3	87.5 88.0	7.7	2.7 0.9	398	448	- 390	150	84	109
DV160L2 ⁶⁾	15 48.9	2930	34 (32)	0.80	EFF3	84.4 85.7	6.0	2.7 1.4	925	1060	-	200	124	166
DV180M2 ⁶⁾	18.5 60.7	2930	38.0 (37.0)	0.85	EFF3	85.5 85.3	6.1	2.6 1.5	1120	1255	-	300	147	188
DV180L2 ⁶⁾	22 72.2	2930	45 (44.0)	0.85	EFF3	85.3 85.2	6.4	2.8 1.4	1290	1425	-	300	158	200

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) Design with brake: For standstill only; operational braking not possible. Contact SEW-EURODRIVE concerning emergency braking.