

POWER		Cn	rpm	Rated currents at 400 V~				Jv	Jr	Cosφ	η %
[HP]	[Kw]			[Nm]	In	Imax	Iad				
			[A]				[Kgm ²]				
3	2,2	7,8	2690	7,1	9,0	21,3	11,3	0,0053	0,0026	0,71	64%
4	2,9	10,3	2720	8,6	11,0	25,8	13,3	0,0053	0,0026	0,75	65%
6,5	4,7	17,0	2680	12,4	15,7	37,2	18,4	0,0053	0,0039	0,74	74%
8	5,8	20,4	2760	14,3	21,0	40,0	21,2	0,0105	0,0049	0,78	75%
10,5	7,7	26,9	2740	19,0	26,5	55,0	27,7	0,0142	0,0065	0,78	75%
13	9,5	33,2	2750	21,9	28,5	61,3	31,6	0,0224	0,0065	0,84	75%
15	11,0	37,6	2800	26,6	32,5	74,5	37,8	0,0224	0,0112	0,80	75%
17	12,5	43,3	2760	28,5	35,0	77,0	40,5	0,0224	0,0112	0,85	75%
20	14,7	50,4	2790	31,8	45,5	89,0	45,5	0,0291	0,0119	0,86	78%
25	18,4	64,0	2750	39,9	50,0	140,0	67,8	0,0291	0,0123	0,89	75%
30	22,0	76,3	2760	48,0	60,0	148,8	69,1	0,0469	0,0157	0,85	78%
40	29,4	102,2	2750	63,7	73,0	188,6	92,3	0,0584	0,0324	0,87	77%
50	36,8	127,7	2750	79,8	100,0	223,4	118,1	0,0584	0,0485	0,85	78%
60	44,1	153,3	2750	96,0	120,0	268,8	144,0	0,0584	0,0530	0,87	76%
70	51,5	178,8	2750	112,1	130,0	325,1	171,6	0,0584	0,0647	0,86	77%
80	58,8	204,3	2750	127,3	180,0	369,1	197,4	0,0584	0,0647	0,83	81%

- n/d = not available
Cn = rated torque
rpm = rotation speed
η = electric motor efficiency
In = rated current
Iad = starting current (direct starting) = 3 x In
Iast = starting current (start/delta starting) = In x K
Imax = max overload current
Jv = fly-wheel mass moment of inertia
Jr = rotor mass moment of inertia

LINE VOLTAGE	Stator windings		
	Direct starting		Star/Delta starting
	Delta connection	Star connection	
220 V~	220/380	n/d	220/380
230 V~	230/400	n/d	230/400
240 V~	240/415	n/d	240/415
380 V~	380/660	220/380	380/660
400 V~	400/690	230/400	400/690
415 V~	415/720	240/415	415/720

- line voltages are those between two phases
- data refers to a submerged motor with an oil kinematic viscosity of 46 [mm²/s] ([cSt])
- motors are provided with a built-in thermistor series 110 °C for winding protection (motor protection device **SM-T** available as optional)

For data not included in this data sheet please contact GMV