



Three-phase asynchronous motors IP 44 up to IP55

for converter operation

Cooling mode IC 06 (radial external fan)

Rated capacity in kW (as comparison value)							
Typ DZI	P [kW]	U [V]	I [A]	cos phi	f [Hz]	n [min⁻¹]	Gewicht [kg]
80.10	5	380	10	0.83	100	2915	44
90.11M	7	380	15	0.86	100	2925	57
90.11L	10	380	22	0.85	100	2908	64
112.13S	14	380	30	0.87	100	2951	100
112.13M	18	380	40	0.83	100	2953	110
112.13L	21	380	48	0.82	100	2954	120
132.16S	25	380	66	0.84	100	2964	158
132.16L	34	380	76	0.83	100	2964	174
160.20S	41	380	83	0.9	100	2964	330
160.20M	57	380	113	0.9	100	2965	370
160.20L	70	380	135	0.91	100	2965	400

The indicated capacities apply for the operation mode S 1 at an average cooling temperature up to 40 °C and a mounting height of up to 1000 m A.S.L..

In the table are listed the motor data of the square series of the protection class IP 21 with built-up radial interior separate cooling.

These 4-pole machines are designed especially for driving tasks with a high speed range at the frequency converter.

Design of the motors: in accordance with insulation class H and utilized according to F and DIN EN 60034.

Customary IEC-designs are available in accordance with DIN EN 60034 in standardized mounting measures acc. to DIN 42 673 and 42677 whereby attachments like angular speed transducer, spring-loaded brakes and gears may be of most different kind of construction.

Other rated speeds and capacities are possible on request.

$$(e.g.. 112.13S at 2000 \text{ min}^{-1} = \frac{14 \text{ kW} \times 2000 \text{ min}^{-1}}{2951 \text{ min}^{-1}} = 9.5 \text{ kW})$$

Please send us your inquiry.