SIEMENS



Figure similar

SIMOTICS M-1FE2 built-in induction motors

Article No. : **1FE2093-8AM32-1EA2**

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Engineering data		
Winding version	**Y-connection**	**Δ-connection**
Rated power	11 kW	11.5 kW
Rated speed	1,600 rpm	4,750 rpm
Maximum speed	10,000 rpm	19,000 rpm
Rated current	30 A	28.5 A
Rated torque	65 Nm	23 Nm
Static torque	69 Nm	28 Nm
Maximum torque	190 Nm	100 Nm
Static current	30 A	30 A
Maximum current	90 A	90 A
Moment of inertia	206.0 kgcm²	

Physical constants		
Winding version	**Y-connection**	**Δ-connection**
Winding resistance at 20° C	0.3200 Ω	0.1067 Ω
Rotary field inductance	15.8 mH	5.8 mH
Thermal time constant	3 min	
Net weight of rotor	6.4 kg	
Net weight of stator	16 kg	

Mechanical data	
Motor length	228 mm
Outer diameter stator	179.7 mm
Inner diameter rotor	90 mm
Winding version	Y/Δ-Connection
Stator design	without cooling jacket
Rotor design	Rotor package without sleeve, inner diameter unmachined
Motor protection	Full motor protection, Pt1000 + PTC
Cable outlet	Cable outlet large outer diameter or stator without cooling jacket (length 1.5 m)
Scope of delivery	Stator + rotor