SMH155D-0250-20AA





Medium Inertia Servo Motor

- Rated Power (KW) : 2.50-4.00
- Rated Torque (Nm) : 12-19
- Rated Speed (rpm) : 2000

Rating: Not Rated Yet
Price
Sales price without tax 967,00 €

Ask a question about this product

ManufacturerELCON | Systems & Components

Description

Motor Series	Medium Inertia, Flange Size 126mm,130mm,155mm		
Model	155D-0250-30AAK-3HG	155D-0300-30AAK-3HG	155D-0400-30AAK-3HG
Compatible Driver	ED630-0250-AA-G-000	ED630-0300-AA-G-000	ED630-0400-AA-G-000
Power Supply VAC	3-Phase 380V	3-Phase 380V	3-Phase 380V
Rated Output Power	2.50KW	3.00KW	4.00KW
Rated Torque (Nm)	12	14.3	19
Maximum Torque (Nm)	36	35.75	47
Rated	2000	2000	2000

Speed (Rpm)				
Maximum Speed (Rpm)		3000	3000	3000
Motor Inertia (Kg.com²?		26.7	35.7	47.5
Transformer Capacity(KVA)		3.8	4.5	5.4
Encoder		2500p/r (Resolution:10000)		
Rated Current(A)		6.8	10	13
Maximum Current(A)		20.4	30	39
Torque Constant (Nm/A)		1.76	1.43	1.46
Resistance Line-Line (??		0.95	0.91	0.88
Inductance Line-Line(mH)		10.8	11.2	11.5
Electrical Time Constant (ms)		11.4	12.3	13.1
Mechanical Time Constant?ms)		1.43	1.57	1.68
Maximum Radial Force F (N)		1320	1320	1320
Maximum Axial Force F (N)		650	650	650
Pole Pair Number		3	3	3
Insulation Class		F		
Protection Class		IP65 for Body,Shaft Sealing for IP54		
Environmental	Temperature	-20??40? (Non-Freezing)		
Conditions for	Humidity	Below 90% RH (No Condensing)		
Operation	Ambient Environment	Away from Active Gas, Combustible Gas, Oil Drops and Dust		
	Altitude	Maximum Altitude 4000m, Rated Power at 1000m or Below, Above 1000m: Decreasing 1.5% Per 100m Rise		
Motor Weight (Kg)		17.9	20.9	22.5

ED Servo System