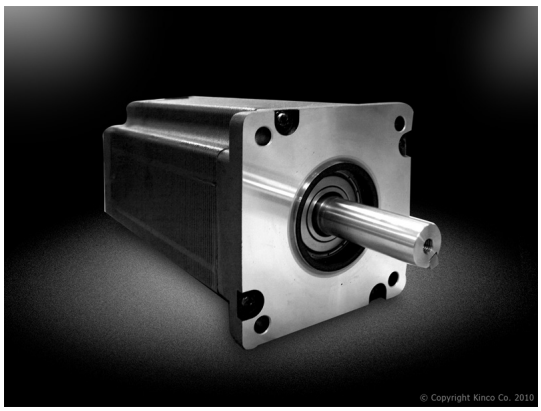
SMH110D-0105-20AA





Medium Inertia Servo Motor

- Flange Size: 110mm
- Rated Power: 1.05KW up to 1.88KW
- Speed: 2000rpm/3000rpm
- 8 ?????
- 2500ppr increamental encoder, 5-6 Nm

Rating: Not Rated Yet
Price
Sales price without tax 537,00 €

Ask a question about this product

ManufacturerELCON | Systems & Components

Description

Motor Series			Medium Inertia, Flange Size 110mm			
Model	**SMH110D-0125-**	**SMH110D-0126-**	**SMH110D-0105-**	**SMH110D-0157-**	**SMH110D-0126-**	**SMH110D-0188-**
Compatible Driver	**30AAK-4LKX CD430-0125-**	**30AAK-4HKX CD620-0126-**	**20AAK-4LKX CD430-0105-**	**30AAK-4HKX CD620-0157-**	**20AAK-4LKX CD430-0126-**	**30AAK-4HKX CD620-0188-**
DC Link Voltage	**0065-AA-000** 300	**0043-AA-000** 560	**0054-AA-000** 300	**0054-AA-000** 560	**0062-AA-000** 300	**0062-AA-000** 560
UDC Rated Power	1250	1260	1050	1570	1260	1880
PN(W) Rated Torque TN(Nm)	4	4	5		6	
Rated Speed nN(Rpm)	3000	3000	2000	3000	2000	3000
Rated Current IN (A)	6.5	4.3	5.9		6.2	
Maximum Torque	12	12	15		18	

Tm (Nm)				
Maximum Current	19.5	12.9	17.7	18.6
Im (A)				
Standstill Torque	4.4	4.4	5.5	6.6
TS (Nm)				
Standstill Current	6.82	4.73	6.49	6.765
IS (A)				
Resistance	0.8	1.83	1.03	1.258
Line-Line RL (?)				
Inductance	6.4	13.5	7.8	9.62
Line-Line LL (mH)				
Electrical Time Constant	7.9	7.37	7.57	7.64
?e (ms)				
Mechanical Time Constant	1.4	1.63	1.55	1.65
?m (ms)				
Reverse Voltage Constant Ke(V/krpm)	45	64	55	64
Torque Constant	0.744	1.058	0.91	1.058
Kt (Nm/A)				
Rotor Moment of Inertia Jm(Kg·cm²)	5.8	5.8	7.2	8.5
Pole Pair Number	4	4	4	4
Maximum Voltage Rising du/dt(KV/?s)	8	8	8	8
Insulation Class	F	F	F	F
Maximum Radial Force	630	630	630	630
F (N)				
Maximum Axial Force	315	315	315	315
F (N)				
Weight	6.2	6.2	7.2	8.2
G(Kg)				
Length of Motor	168	168	185	202
L(mm)				
Position Feedback	Incremental Encoder 2500ppr			
Device				
Cooling Method	Totally Enclosed, Non-Ventilated			
Protection Level	IP65 for Body, Shaft Sealing IP54			
Temperature	-20?~40?			
Humidity	Below 90% RH (No Condensing)			
Ambient Enviroment	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			

Servo System