

SMH155D-0400-20AA



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 1496,00 €

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|             |                     |                                                  |                             |                             |
|-------------|---------------------|--------------------------------------------------|-----------------------------|-----------------------------|
| Description | Motor Series        | Medium Inertia, Flange Size<br>126mm,130mm,155mm |                             |                             |
|             | Model               | 155D-025<br>0-30AAK-<br>3HG                      | 155D-030<br>0-30AAK-<br>3HG | 155D-040<br>0-30AAK-<br>3HG |
|             | Compatible Driver   | ED630-02<br>50-AA-<br>G-000                      | ED630-03<br>00-AA-<br>G-000 | ED630-04<br>00-AA-<br>G-000 |
|             | Power Supply VAC    | 3-Phase<br>380V                                  | 3-Phase<br>380V             | 3-Phase<br>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.cm <sup>2</sup> ) | 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](#)