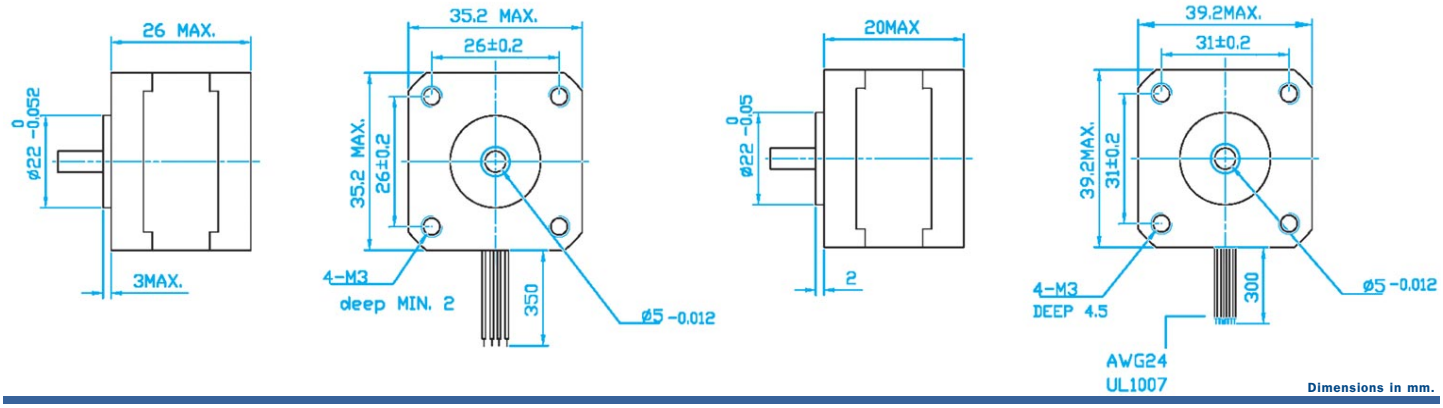
# 35-39SH20-26

## Hybrid - 200 step

Step Motor




Dimensions in mm.

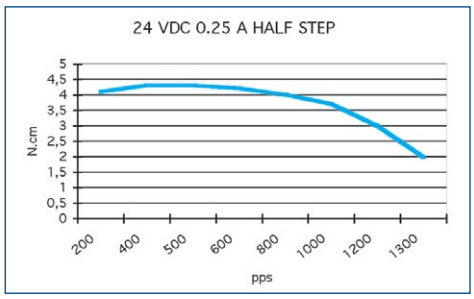
## Specifications

| | MODEL | | 35SH26-0306A | 35SH26-0804A | 39SH20-0404A | 39SH20-0506A |
|---|---|---|---|---|---|---|
| 1 | Step angle | | 1,8° | 1,8° | 1,8° | 1,8° |
| 2 | Step angle accuracy (full step, no load) | % | ± 5% | ± 5% | ± 5% | ± 5% |
| 3 | Rated Voltage | V | 11,25 | 3,84 | 2,64 | 6,5 |
| 4 | Current/Phase | A | 0,25 | 0,8 | 0,4 | 0,5 |
| 5 | Resistance/Phase | Ω | 45 | 4,8 | 6,6 | 13 |
| 6 | Inductance/Phase | mH | 13 | 3 | 7,5 | 7,5 |
| 7 | Detent Torque | mNm | 6 | 6 | 5 | 5 |
| 8 | Holding Torque | Ncm | 5 | 5 | 6,5 | 8 |
| 9 | Rotor Inertia | g-cm² | 10 | 10 | 11 | 11 |
| 10 | Weight | Kg | 0,15 | 0,15 | 0,12 | 0,12 |
| 11 | Number of leads | n°. | 6 | 4 | 4 | 6 |

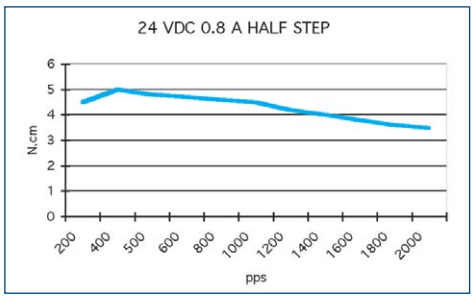
**35-39S..-.A** single shaft • **35-39S..-.B** double shaft

## Speed vs. Torque Characteristics

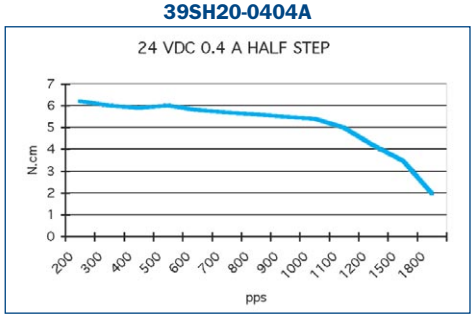
**35SH26-0306A**



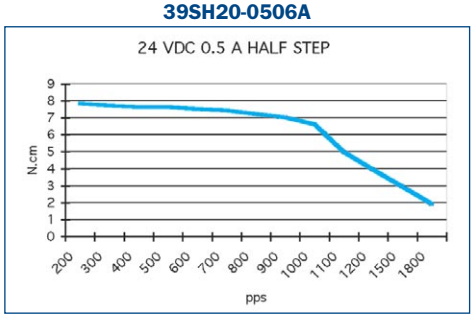

**35SH26-0804A**




**39SH20-0404A**




**39SH20-0506A**




## Characteristics

**RESISTANCE ACCURACY**
± 10%

**INDUCTANCE ACCURACY**
± 20%

**TEMPERATURE RISE**
80° C max. (rated current, 2 phase on)

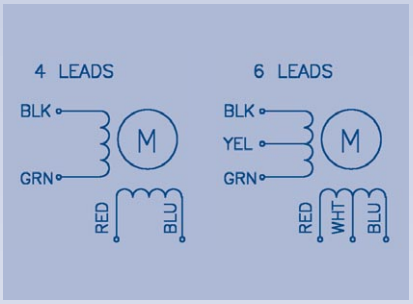
**AMBIENT TEMPERATURE**
-10° C - + 50° C

**INSULATION RESISTANCE**
100 M Ω min., 500 VDC

**DIELECTRIC STRENGTH**
500 VAC for one minute

**SHAFT RADIAL PLAY**
0,06 max. (450 g-load)

**SHAFT AXIAL PLAY**
0,08 max. (450 g-load)




## AVAILABLE OPTIONS

**Motor modifications:**
custom winding, special bearing, special tap.
**Shaft modifications:**
flat, pinion, keyway, length.
**Leadwire modifications:**
wire type, wire color, wire length, connector installation.