



GETRIEBE-SCHRITTMOTOR PM-SCHRITTMOTOR BASIS

micro
motors s.r.l.

PM-Getriebe-Schrittmotor Ø 39.6mm
SM158-35S-Serie

- ▶ Bis 1Nm Dauermoment
- ▶ Hohe Wellentraglast
- ▶ Stabile Zahnräder
- ▶ Metallgetriebe
- ▶ Sonderwelle und Sonderwicklung auf Anfrage
- ▶ Sonderkabel mit Stecker auf Anfrage



SM158-35S-Serie Baulänge von 42.8 - 50.8mm

| | | |
|-----------------------|-------|-----------|
| Step Angle | 7.5° | Full Step |
| Number of Phase | 2 | BIPOLAR |
| Insulation Resistance | 100 Ω | (400V DC) |
| Insulation Class | Class | B |
| Voltage Driver | 8-36V | V |

| | |
|-------------------|----------|
| Pinion made by | Steel |
| Radial Shaft Load | 50 N |
| Axial Shaft Load | 10 N |
| Max. allow Torque | 1000 mNm |
| Mass | 180 g |

| Short-Motor 35S48 Version | Length mm L | Ratio (x:1) | Holding Torque mNm | *Step Angle (°) | Resistance Ohm | Current mA | Inductance mH |
|------------------------------|-------------------|----------------|--------------------------|-----------------------|-------------------|---------------|------------------|
| SM158-35S-15 | 42.8 | 14.14 | 570 | 0.53 | 7 | 500 | 10 |
| SM158-35S-30 | 42.8 | 29.75 | 1000 | 0.252 | 7 | 500 | 10 |
| SM158-35S-75 | 45.3 | 76.84 | 1000 | 0.0976 | 7 | 500 | 10 |
| SM158-35S-100 | 45.3 | 94.37 | 1000 | 0.0795 | 7 | 500 | 10 |
| SM158-35S-200 | 47.8 | 198,5 | 1000 | 0.0377 | 7 | 500 | 10 |
| SM158-35S-250 | 47.8 | 243.8 | 1000 | 0.0307 | 7 | 500 | 10 |
| SM158-35S-510 | 50.8 | 512.85 | 1000 | 0.0146 | 7 | 500 | 10 |
| SM158-35S-630 | 50.8 | 629.82 | 1000 | 0.0119 | 7 | 500 | 10 |

| | COLOR | Phase | CCW <----- | | ----->CW | |
|---|--------|-------|------------|---|----------|---|
| 1 | YELLOW | A | - | + | + | - |
| 2 | ORANGE | B | + | - | - | + |
| 3 | BLACK | C | - | - | + | + |
| 4 | BROWN | D | + | + | - | - |



