

MYM-43 Technical Information

Features

- Hollow shaft ID: 56 mm
- Outer diameter: 110 mm
- Length: 30 mm

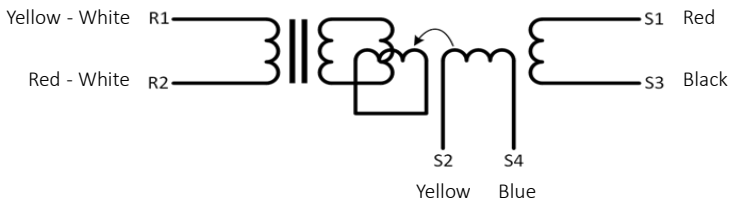


MYM-43 Electrical Data

MDS.MYM-43

Primary Side	R ₁ -R ₂
Pole pairs	4
Transformation ratio	0.5±10%
Input Voltage	5 Vrms
Input Current	32 mA
Input frequency	10 kHz
Phase shift	5° ± 2°
Null Voltage	15mVmax
Z _{ro}	80+155j Ω
Z _{rs}	75.5+151j Ω
Z _{so}	450+1260j Ω
Z _{ss}	430+1220j Ω
R1-R2 DC resistance	46.5 Ω ± 10% (@20°C)
Stator DC resistance	150.5 Ω ± 10% (@20°C)
Accuracy	±5'
Operating temp.	-50°C / +110°C

MYM-43 Schematic and Technical Drawings



Input: $E(R_1-R_2) = E \sin(\omega t)$

Output: $E(S_1-S_3) = Tr \times E(R_1-R_2) \cos\theta$
 $E(S_2-S_4) = Tr \times E(R_1-R_2) \sin\theta$

T_r: Transformation ratio

