

ELECTRICAL DATA

Type	R71-XXX-A05	R71-XXX-A06
Pole Pairs	1	1
Transformation Ratio	0,5 ±10%	0,5 ±10%
Input Voltage	7 V	7 V
Input Current	70 mA 7 V & 4 kHz ± 10%	45 mA 7 V & 4 kHz ± 10%
Phase Shift	8° ±3° 7 V & 4 kHz	8° ±3° 7 V & 4 kHz
Accuracy	± 5'/9" spread	± 6'/12" spread
Null Voltage	≤ 30 mV	≤ 30 mV
Operating Temperature	-40 °C ... +100 °C	-40 °C ... +100 °C
R1-R2 DC Resistance at room temperature	48 Ohm ± 10%	61 Ohm ± 10%
S1-S3/S2-S4 DC Resistance at room temperature	31 Ohm ± 10%	53 Ohm ± 10%
Max. Permissible Speed	≤ 5.000 rpm	≤ 5.000 rpm
Shock	≤ 1.000 m/s ² (11 ms)	≤ 1.000 m/s ² (11 ms)
Vibration	≤ 500 m/s ² 10...500 Hz	≤ 500 m/s ² 10...500 Hz
High Pot Test Voltage Housing/Winding	≤ 500 VAC 50 Hz & 3 s	≤ 500 VAC 50 Hz & 3 s
High Pot Test Voltage Winding/Winding	≤ 250 VAC 50 Hz & 3 s	≤ 250 VAC 50 Hz & 3 s
Rotor / Stator	completely impregnated	completely impregnated
Lead Length	AWG 24 min. 300 mm	AWG 24 min. 300 mm