

## TELEMETRY

### Slip Rings

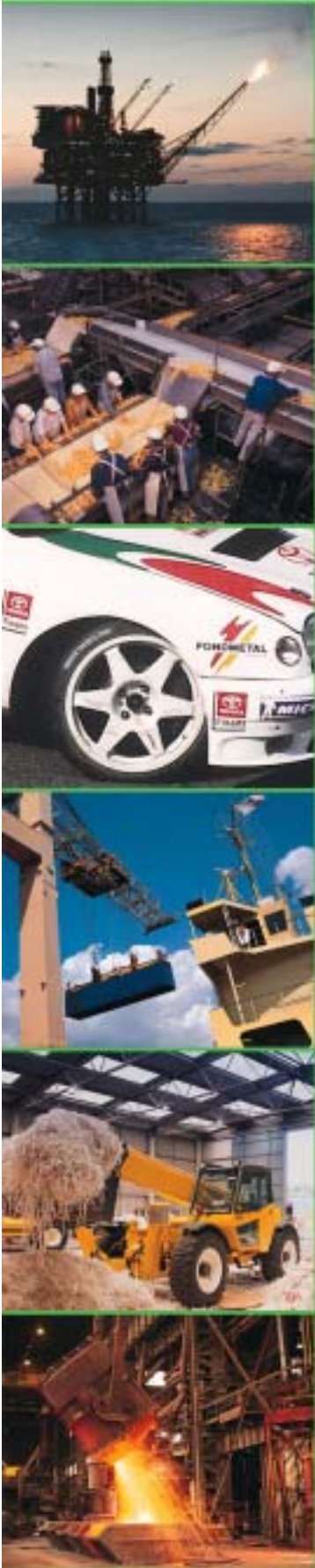


#### FEATURES

- Used for central mounting on shafts (although end mount is available).
- High transmission quality.
- Frequency range: 10...55 Hz.
- Service range: -10 to +70°C
- Continuous operation up to 6000 rpm..

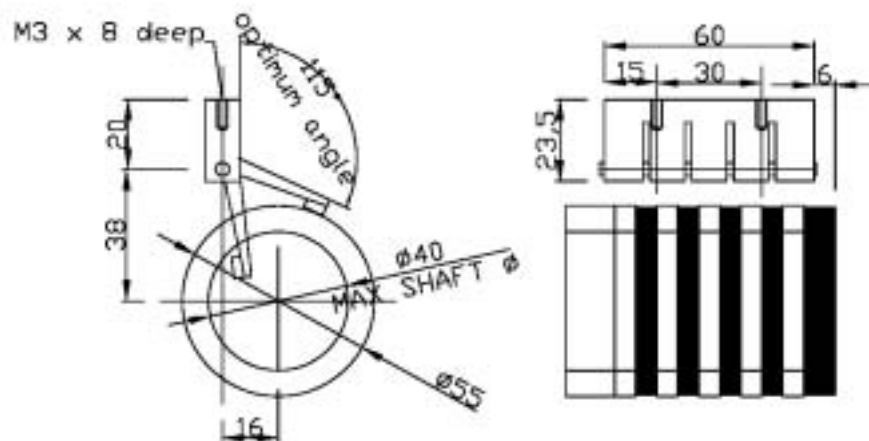
#### APPLICATIONS

- Automotive Drive Shafts
- Automotive Prop shafts
- Ship shafts
- Food mixers



Specifications :

PARAMETER		UNITS
Number of slip rings	5	-
Resistance (between slip rings and brush)	<40	mΩ
Fluctuation of the resistance	<2	mΩ
Thermo-electric voltage : measured between two brushes when the slip rings are short - circuited (after running warm)	<10	μV
Voltage limit	60	V
Current limit	2	A
Permitted Speed for continuous duty	4000/6000 *	min <sup>-1</sup>
<b>Permissible vibration :</b>		
Test severity to DIN 40046, Part 8		
Frequency range	10...55	Hz
Duration	1.5	H
Acceleration	50	m/s <sup>2</sup>
<b>Mechanical shock test</b>		
Test severity to DIN 40046, Part 26		
Number of shocks	1000	ms
Duration	3	m/s <sup>2</sup>
Acceleration	150	gm <sup>2</sup>
Nominal temperature range	-10 ... + 60	°C
Service temperature range	-10 ... + 90	°C
Storage temperature range	-50 ... + 90	°C
Weight approx	230	grms



Larger sizes available : 55mm bore and 95mm bore. Length remains the same.

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