

Explosion Protected Group IIB Zone 1

Ex d IP66 - Stainless Steel Enclosure

Fibre Optic Rotary Joint Option

Applications include Cranes, Cable Reels and Winches

### OPTIONS

- Multi-pass Fibre Optic Rotary Joint
- Trolex Gas / Fluid Swivel
- Anti-condensation heater

### CABLE ENTRY OPTIONS

The unit is supplied with factory fitted leads - the following options are available:

- Flying leads through a compound filled stopper box threaded to receive a suitable conduit
- Multi-core cable with appropriate cable gland
- Trolex Ex d multi-pin connector
- Trolex Ex d or Ex e junction box

### OPERATING SPECIFICATION

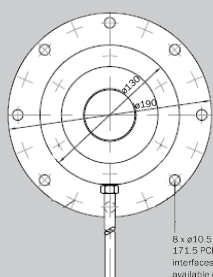
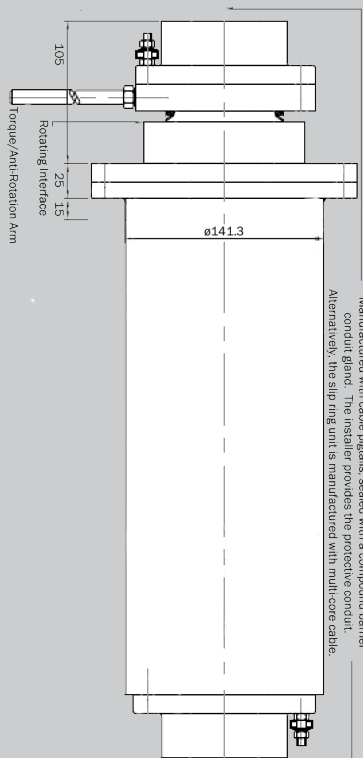
Ambient Temperature Range	-20 °C to +40 °C (other temperature ranges available)
Maximum Speed	50 rpm (higher on request)
Maximum Voltage	4500 V ac
Current Ratings	Max. 48 Amps per ring (may be used in parallel). Up to 136 rings subject to total throughput of 400 Amps excluding earths, screens and neutrals

### TECHNICAL DETAILS

External Material	316L Stainless Steel
Bearings	Sealed for life, ball journal
Slip Rings	Phosphor bronze (precious metal plated for signals)
Brushes	Minimum of 2/ring (copper graphite for power, silver graphite for signals)
Fasteners	Stainless Steel Metric

### APPROVAL

Certification	ATEX - Standard	CML 16ATEX1399X Ex II 2 G Ex db IIB T5 Gb T <sub>amb</sub> -20 °C to +40 °C
	ATEX - Utilising the FORJ	CML 16ATEX1399X Ex II 2 G Ex db op is IIB T5 Gb T <sub>amb</sub> -20 °C to +40 °C
	IECEx - Standard	IECEx CML 16.0152X Ex d IIB T5 Gb T <sub>amb</sub> -20 °C to +40 °C
	IECEx - Utilising the FORJ	IECEx CML 16.0152X Ex d op is IIB T5 Gb T <sub>amb</sub> -20 °C to +40 °C



Flange Adaptor available for 6 to 8 hole interface

