



Explosion Protected Group IIB Zone 1  
Ex d Ring Enclosure  
Ex e Terminal Boxes

### OPTIONS

- Mounting flange / brackets to Customer's requirements
- Anti-condensation heater (self regulating)
- Hollow shaft
- Stainless Steel construction
- Internal or External slew limit switch
- Internal or External azimuth encoder
- Factory fitted flying leads
- Special features to handle I.S. circuits
- Fibre Optic Rotary Joint

### OPERATING SPECIFICATION

Ambient Temperature Range	-20 °C to +45 °C (increased range available)
Maximum Speed	40 rpm (higher on request)
Maximum Voltage	up to 6.3kV (standard 700V ac)
Maximum Throughput Current	3000 Amps excluding earths and neutrals
Protection	IP66
Mounting	In any plane

### TECHNICAL DETAILS

Housing Material	Mild Steel grade 43A
Shaft	Carbon Steel 080M40
Bearings	Sealed for life, ball journal
Slip Rings	Phosphor bronze (precious metal plated for signals)
Brushes	Minimum of 2 per ring (Copper Graphite for power, Silver Graphite for signals)
Fasteners	Stainless Steel Metric

### APPROVAL

Certification - ATEX	Baseefa 02ATEX0060X/13 ⊕ II 2 GD Ex d e IIB T5 Gb T <sub>amb</sub> -20 °C to +45 °C Ex tb IIIC T100 °C Db
Certification - ATEX (utilising FORJ)	Baseefa 02ATEX0060X/13 ⊕ II 2 GD Ex d e op is IIB T4 Gb T <sub>amb</sub> -20 °C to +45 °C Ex tb IIIC T135 °C Db
Certification - IECEx	IECEx BAS 09.0099X Ex d e IIB T5 Gb T <sub>amb</sub> -20 °C to +45 °C Ex tb IIIC T100 °C Db
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