



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
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 (see options)
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 $\text{Ex} \text{ II } 2 \text{ GD Ex d e IIB T4 Gb}$ $T_{\text{amb}} -20^{\circ}\text{C to } +45^{\circ}\text{C}$ $\text{Ex tb IIIC T135}^{\circ}\text{C}$
Certification - ATEX (utilising FORJ)	Baseefa 02ATEX0060X/13 $\text{Ex} \text{ II } 2 \text{ GD Ex d e op is IIB T4 Gb}$ $T_{\text{amb}} -20^{\circ}\text{C to } +45^{\circ}\text{C}$ $\text{Ex tb IIIC T135}^{\circ}\text{C}$
Certification - IECEx	IECEx BAS 09.0099X $\text{Ex d e IIB T4 Gb } T_{\text{amb}} -20^{\circ}\text{C to } +45^{\circ}\text{C}$ $\text{Ex tb IIIC T135}^{\circ}\text{C Db}$
Certification - IECEx (utilising FORJ)	IECEx BAS 09.0099X $\text{Ex d e op is IIB T4 Gb}$ $T_{\text{amb}} -20^{\circ}\text{C to } +45^{\circ}\text{C}$ $\text{Ex tb IIIC T135}^{\circ}\text{C Db}$