



Explosion Protected Group IIB Zone 1

Ex d Ring Enclosure

Ex e Terminal Boxes

Hollow Shaft Option

OPERATING SPECIFICATION

Ambient Temperature Range	-20 °C to +45 °C (increased range available)
Maximum Speed	20 rpm (higher on request)
Maximum Voltage	770V ac
Maximum Throughput Current	1166 Amps
Protection	IP66
Mounting	In any plane

TECHNICAL DETAILS

Housing Material	Carbon Steel
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 14ATEX0240 II 2 GD Ex d e IIB T5 T <sub>amb</sub> -20 °C to +45 °C Ex tb IIIC T100 °C Db
	IECEx	IECEx BAS 14.0109 Ex d e IIB T5 Gb T <sub>amb</sub> -20 °C to +45 °C Ex tb IIIC T100 °C Db