



Explosion Protected Group IIB Zone 1

Ex d IP66 Enclosure

Aluminium - Offshore Paint Specification

For Cable Winches, Cranes, Rotating Bridges, Swivel Stacks and Material Handling Equipment

OPTIONS

- Drive and mounting arrangements to suit Customer's requirements
- Combined with fluid/gas swivel (inert gases only)
- Stainless Steel

OPERATING SPECIFICATION

Ambient Temperature Range	-20 °C to +60 °C
Maximum Speed	100 rpm (higher on request)
Maximum Voltage	2000V ac
Ring Ratings	Up to 8 Amps/Ring

TECHNICAL DETAILS

Material	Aluminium - Offshore Paint Specification
Bearings	Sealed for life ball journal
Slip Rings	Phosphor bronze (precious metal plated for signals)
Brushes	Silver Graphite
Fasteners	Stainless Steel Metric

CABLING

Entries	Shaft 1-M20 Housing 1 or 2 M20 or M25
Glands	Ex d IIB or IIC
Termination	By customer (subject to ring rating or Trolex fitted flying leads)

APPROVAL

Certification	ATEX	CML 15ATEX1013X ⊕ II 2 GD Ex d IIB T6 Ex tb IIIC T85 °C Db T _{amb} -20 °C to +60 °C
	IECEx	IECEx CML 15.0005X Ex d IIB T6 T _{amb} -20 °C to +60 °C Ex tb IIIC T85 °C Db

