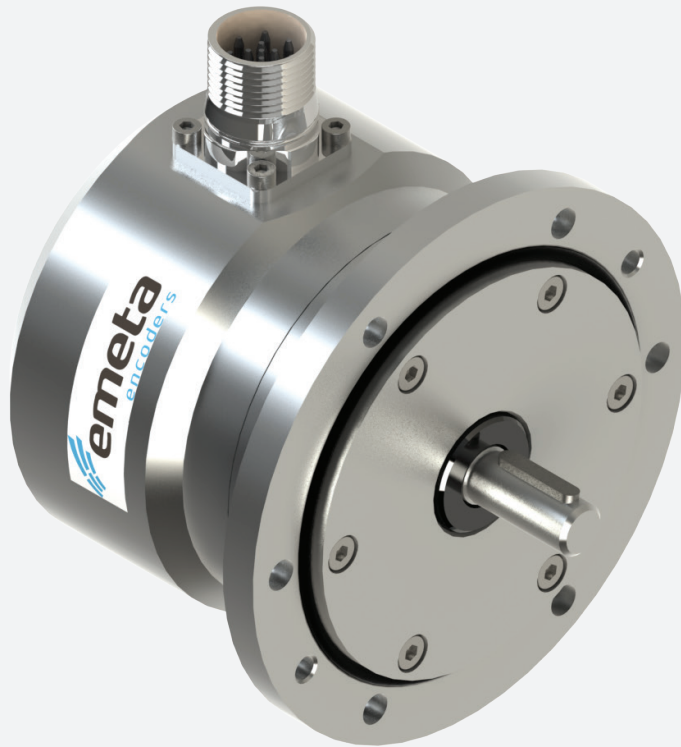


MA455 - SERIES



HEAVY DUTY OVERSPEED MONITOR Ø 115 MM

Mechanical overspeed with EURO-flange B10

- Offshore and salt water firm in Aluminium or Stainless steel
- Fixed switching speed based on a centrifugal principle
- Switch with insulated make and break contact
- Enlarged sturdy bearings
- Dust and splash proof IP67
- Optional anodized aluminium enclosure

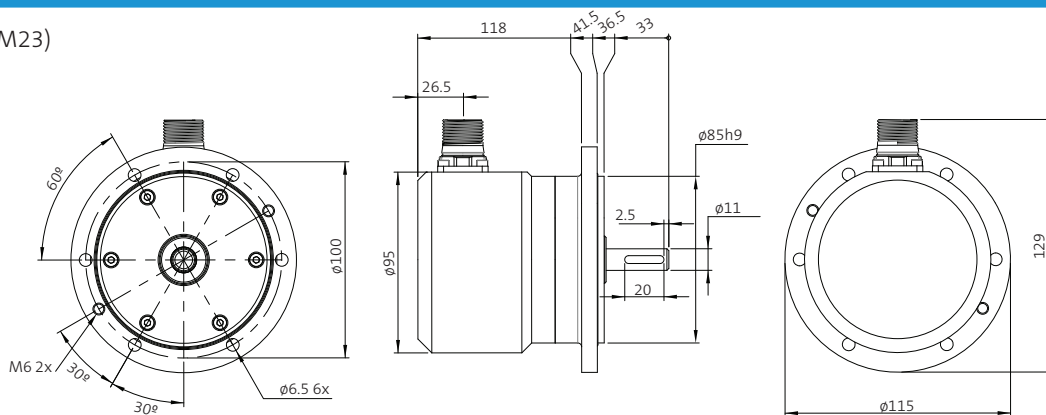


*Flexible and durable
encoder for demanding
applications*

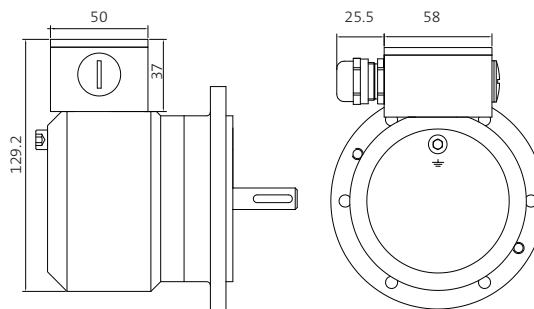


Conforms to european EMC directive
89/336/EEC standards:
EN61000-6-4 emission in industrial environments
EN61000-6-2 immunity in industrial environments

Connection A (M23)



Connection C (Terminal box)



ELECTRICAL SPECIFICATIONS

Switching speed (n)	800 ... 4000 rpm	(pre-defined value)
Overspeed principle	Mechanical centrifugal type	
Switching accuracy	$n \pm 75$ rpm	(standard)
Switching hysteresis	Approx. 40 - 65 % of switching speed	
Switching deviation	< 3 %	(cw - ccw rotation)
Mechanical lifetime	500.000 cycles	
Max. rpm	5000 rpm	
Contact type	Open / Close	
Output switching capacity	22 A / 230 Vac	(short time)
	3 A / 230 Vac	(continuous)

ORDERING CODE

Model	MA455 - SA - R1024
Material	A = Aluminium S = Stainless
Connection	A = 6 pin M23 C = Terminal box
Limit speed (rpm)	

CONNECTION TYPE

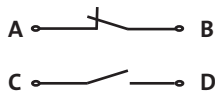
A	M23 Male, CW, 6 pin
C	Terminal box for ø6mm-ø12mm cable

FUNCTION

Signal	A (M23)	C (Terminal box)
A	1	1
B	2	2
C	3	3
D	4	4
Gnd	Chassis	Chassis

OVERSPEED OUTPUT DESCRIPTION

When $rpm < n_{limit}$



When $rpm > n_{limit}$

