

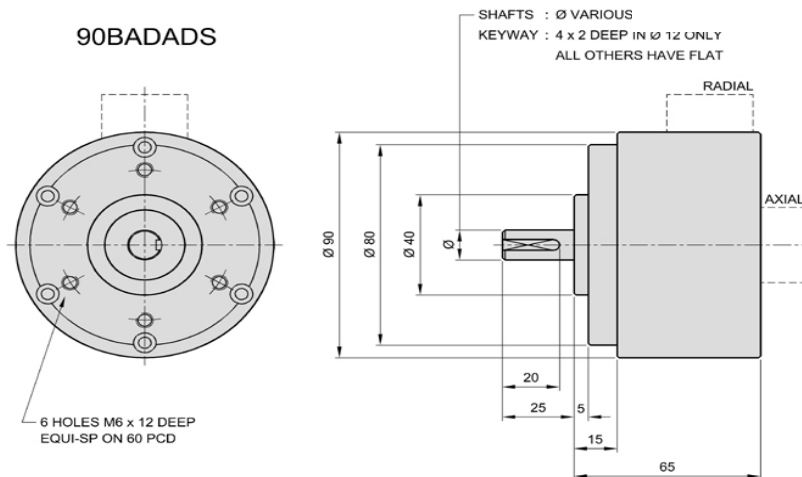
S E R I E S



90DA LUMINIUM

ROTARY INCREMENTAL SHAFT ENCODER

The 90DA Series is a precision yet versatile shaft encoder manufactured in precision machined aluminium and is sealed to IP56 / IP66 / IP67 / IP68 as standard, making it capable of withstanding direct water jet sprays at up to 220psi (15 Bar). However, its frame size of 90mm makes the encoder compatible with other industrial formats.



S P E C I F I C A T I O N S

Body:
Precision Machined Aluminium

Cover:
Precision Machined Aluminium

Shaft:
Stainless Steel

Bearings:
Ballraces

Shaft Sealing:
Dependant on environment type (see Ordering Codes)

Protection:
(IP56 / IP66 / IP67 / IP68)

Operating Temp:
-20 to +85°C
(depending on model)

Maximum Speed:
3000 RPM
(Higher on request)

Torque:
2.9Ncm (typical)



Inertia:
100gcm² (typical)

Shaft Loading:
Axial = 10N (max)
Radial = 10N (max)

Cable:
Screened, oil and salt water proof

Impulse Frequency:
Up to 200KHz
(depending on model)

Current Consumption:
60mA
(typical - without load)

