

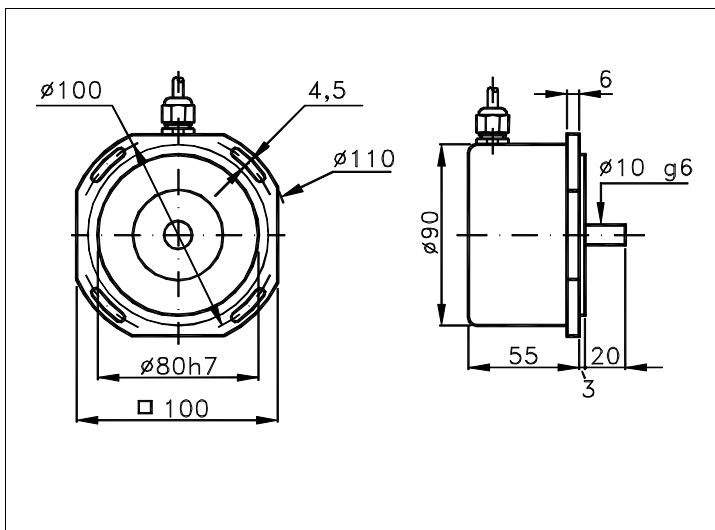
INCREMENTAL ENCODER

100D

HIGH RESOLUTION ENCODER FIT TO BE USED ON DIVIDING TABLES ETC.
STAINLESS STEEL SHAFT AND BASE.

Family: **I**
page: 04.100D 1/2
data sheet . II 139 EOC

Sized draw standard version: CV R Measures without tolerance according to UNI ISO 2768-mk



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

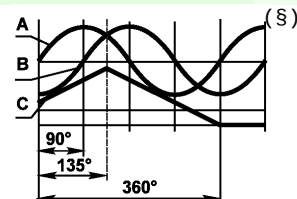
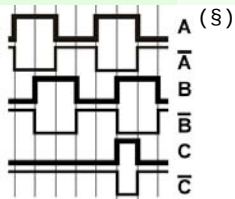
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|--|--|
| <ul style="list-style-type: none"> - Base.....: STAINLESS STEEL - Cover.....: ANODIZED ALUMINIUM - Weight.....: 700 g - Shaft.....: $\varnothing 10$ STAINLESS STEEL - Accuracy.....: ± 5 arc.sec. - IP output side.(°):: see 'CONNECTION' of page 2 - IP shaft side.(°).> std. 54 sealed - low torq. - - opt. type (page 2).> standard - Contin. max RPM(**)> 500 - - - Starting torque gcm> 5000 - - | <ul style="list-style-type: none"> - Ball bearings life....: $1,5 \times 10^9$ revolutions - Impact resistance....: $30 G \times 5ms$ - Vibration resistance..: $10 G (55 \div 2000 Hz)$ - Power supply.....: 5V (see page 2) - Operating temperature: $0 \div 50 ^\circ C$ - Storage temperature...: $-30 \div 85 ^\circ C$ - N° of pulses/rev.....: $18000 \div 900000$ - Max frequency.....: $160 \div 2200 kHz$ (w. interpol.) - Max consumptions mA..: (I) 120 (N) 150 - Light source.....: LED with $\geq 100000 h$ life |
|--|--|

(°) IP according to CEI EN 60529, EN 60529, IEC 529

(**) intermittent max RPM + 30% of continuous max RPM

ELECTRONICS

CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA
			N	DRIVER 26LS31	20				Y	SINUSOID.1Vpp (signals amplitude: A=0,6...1,2V; B=0,6...1,2V; C=0,2...0,8V)	10
		(S)						(S)			



Tolerance between phases $\pm 25^\circ$, symmetry $\pm 15^\circ$

(S) Clock-wise output rotation (see shaft).



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