BİLTEK ELEKTRİK OTOMASYON
MALZEMELERİ İMALAT DIŞ TİC. SAN
Elektrokent Perpa Ticaret Merkezi A Blok
Kat:6 No:529 Şişli / İSTANBUL -TURKEY
Tel :0212 545 73 50
Fax :0212 545 73 49
Whatsapp Gsm :0532 545 73 50
web: www.biltekelektrik.com e-mail:info@biltekelektrik.com

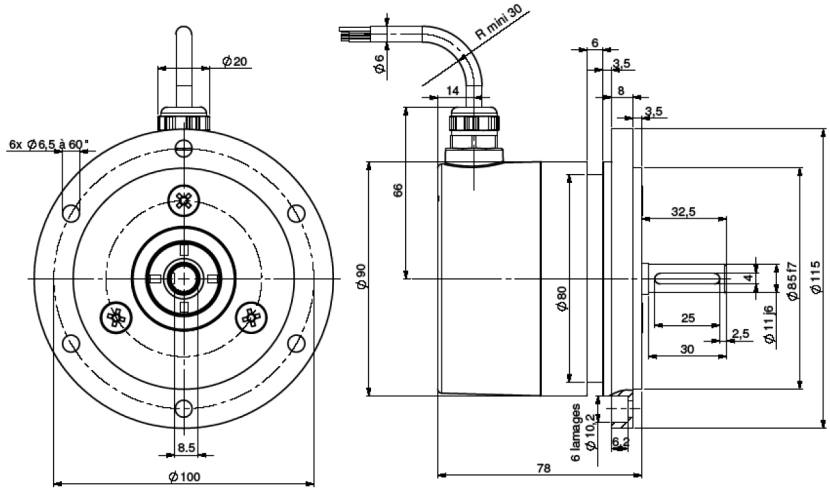
BEI SENSORS

GHM9

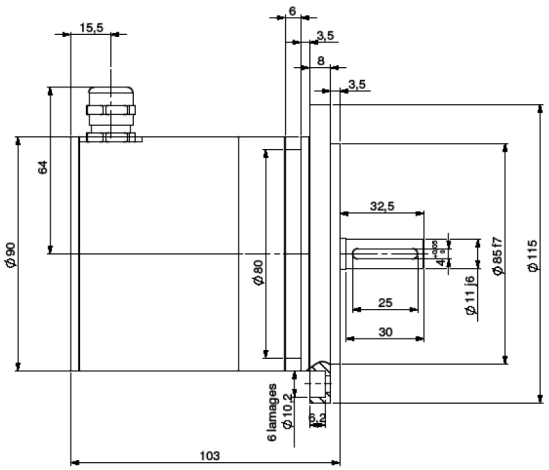
INCREMENTAL ENCODERS, GHM9 RANGE

- Especially designed for heavy duty: steel and paper mills, lumber, cranes, etc.
- Excellent resistance to shocks/vibrations and to extreme axial/radial loads
- Connection with terminal box with LED option, cable or connectors output
- Digital incremental output, optional analog output (tachoencoders, optotacho)
- Mechanical over-speed switch: optional
- Max control option : detection of shocks, vibrations, temperatures…
- Solid shaft of 12 mm or 11 mm with RE0 115 mm flange (Euroflange B10) for tacho-generator type mounting

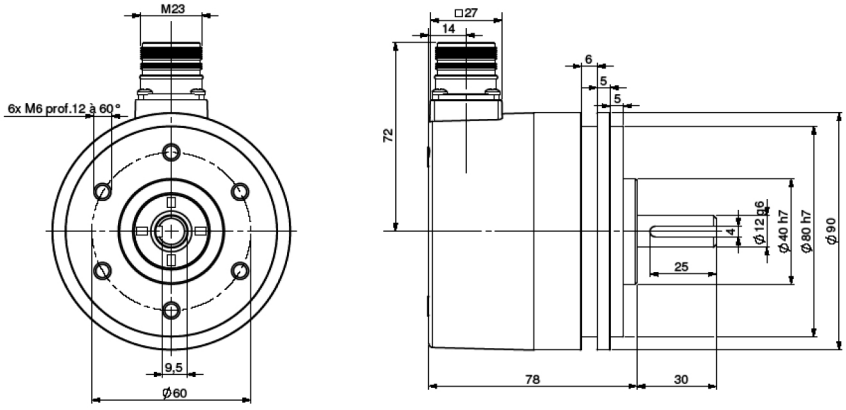
GHM9_11 connection G3R (radial cable gland)



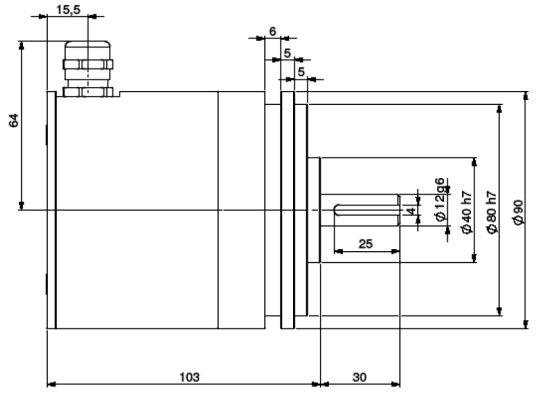
GHM9_11 connection GBR (terminal box)



GHM9_12 connection G6R (radial M23)



GHM9_12 connection GBR (terminal box)



Material (connector or cable output version) Stainless steel option	Cover : zinc alloy
	Body: aluminium
Material (terminal box version) Stainless steel option	Cover: aluminium
	Body: aluminium
Shaft	Stainless steel
Bearings	6001 serie
Maximal loads	Axial : 100 N
	Radial : 200 N
Shaft inertia moment	≤ 15.10^{-6} kg.m²
Torque	≤ 10.10^{-3} N.m
Permissible max. speed	9 000 min^{-1}
Continuous max. speed	6 000 min^{-1}
Shaft seal	Viton double lips
Shock (EN60068-2-27)	≤ 2 000 $m.s^{-2}$ (during 6ms)

Vibration (EN60068-2-6)	≤ 200 $m.s^{-2}$ (10 … 1 000 Hz)
EMC	EN 50081-1, EN 61000-6-2
Isolation	1 000 Veff
Weight (connector or cable version)	1,1kg zinc alloy cover, alu body
	2,4kg zinc alloy cover, stainless steel body
	2,6kg stainless steel cover and body
Weight (terminal box version)	1,3kg alu cover, alu body
	2,6kg alu cover, stainless steel body
	2,8kg stainless steel cover and body
Operating temperature	- 20 ... + 80 °C (Encoder T°)
Storage temperature	- 40 ... + 80 °C
Protection(EN 60529)	IP 65

Theoretical mechanical lifetime 10^9 turns (F_{axial} / F_{radial})		
20 N / 30 N : 360	50 N / 100 N : 30	100 N / 200 N: 2,5