

İMAJ TEKNİK
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ

hohner

HOHNER AUTOMAZIONE SRL

Series 20

Very compact incremental shaft encoder,
with incorporated couplings

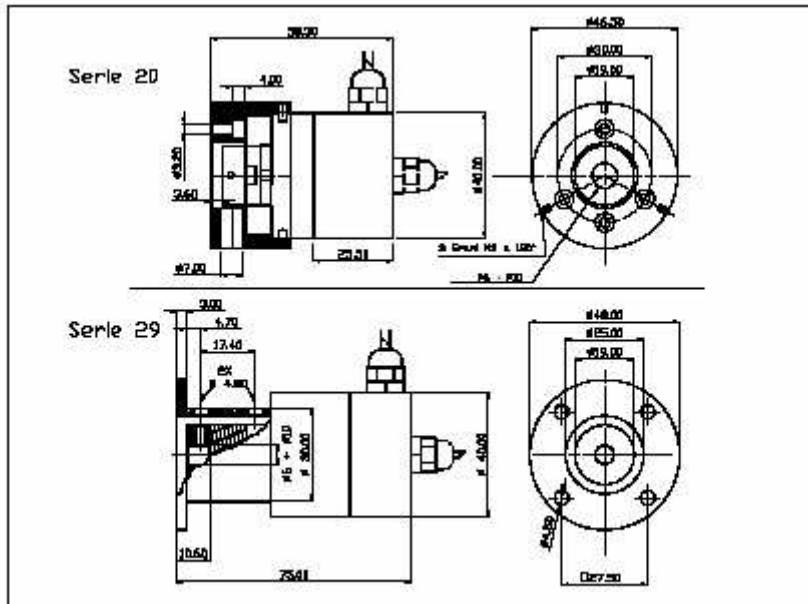
Series 29

Mechanics Data

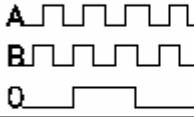

Body and cover: aluminium	Chromium plated
Attachment semi-hollow:	Coupling brass
Solid shaft:	Stainless steel
Bearings:	2, ballraces
Weight:	Approx. 200gr.
Protection:	IP65
Rpm:	6000 Max.
Torque:	3Ncm
Inertia:	10gcm ²
Shaft loading:	Axial 30N - Radial 30N (max. value)



Dimensions in mm



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Series 20
Series 29**Electronics Data**Output signals (cw) 

Power supply: from 5 to 24V depends on the electronics circuit
 Current consumption: 40/80mA depends on the electronics circuit
 Permissible load: 20mA
 Frequency: 160KHz
 Zero pulses: In function of the frequency of A e B (max 50KHz)
 Protections: Against short circuit, reversal polarity
 Operating Temp.: -20/+60°C

Ordering code

Series

2	0
2	9

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2	*	*	*	*
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 / **Pulses** (Max 5000)
See page 4

Shaft/Coupling

6 = Ø 6mm
 7 = Ø 7mm
 8 = Ø 8mm
 9 = Ø 9.52mm
 0 = Ø 10mm

Outputs

7 0 = AB NPN 5..24V
 0 0 = AB0 NPN 5..24V
 7 A = AB Open C. 5..24V
 0 A = AB0 Open C. 5..24V
 2 B = AB+AB PP 8..24V
 1 B = AB+AB0 PP 8..24V
 6 0 = AB+AB LD 5V
 8 0 = AB0+AB0 LD 5V
 8 Z = AB0+AB0 LD 5V (0 locked to 180°)
 8 W = AB0+AB0 LD 5V (0 locked to 90°)
 K W = AB0+AB0 LD IN 8/24 OUT 5V - 20mA ch. (0 locked to + 90°)

Connections

0 = Cable 5P Axial
 R = Cavo 5P Radial
 3 = 9414 5P Axial
 1 = 9415 9P Axial
 7 = 9415 9P Radial
 2 = Cavo 8P Axial
 8 = Cavo 8P Radial

Connections

	0 Volt	+ Volt	A	B	A	B	0	0
Cable 5 Way	White	Brown	Green	Yellow			Gray	
Cable 8 Way	Black	Blue	Brown	Beige	Green	Yellow	Pink	Violet
Connector 9415	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
Connector 9414	Pin1	Pin2	Pin3	Pin4			Pin5	

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