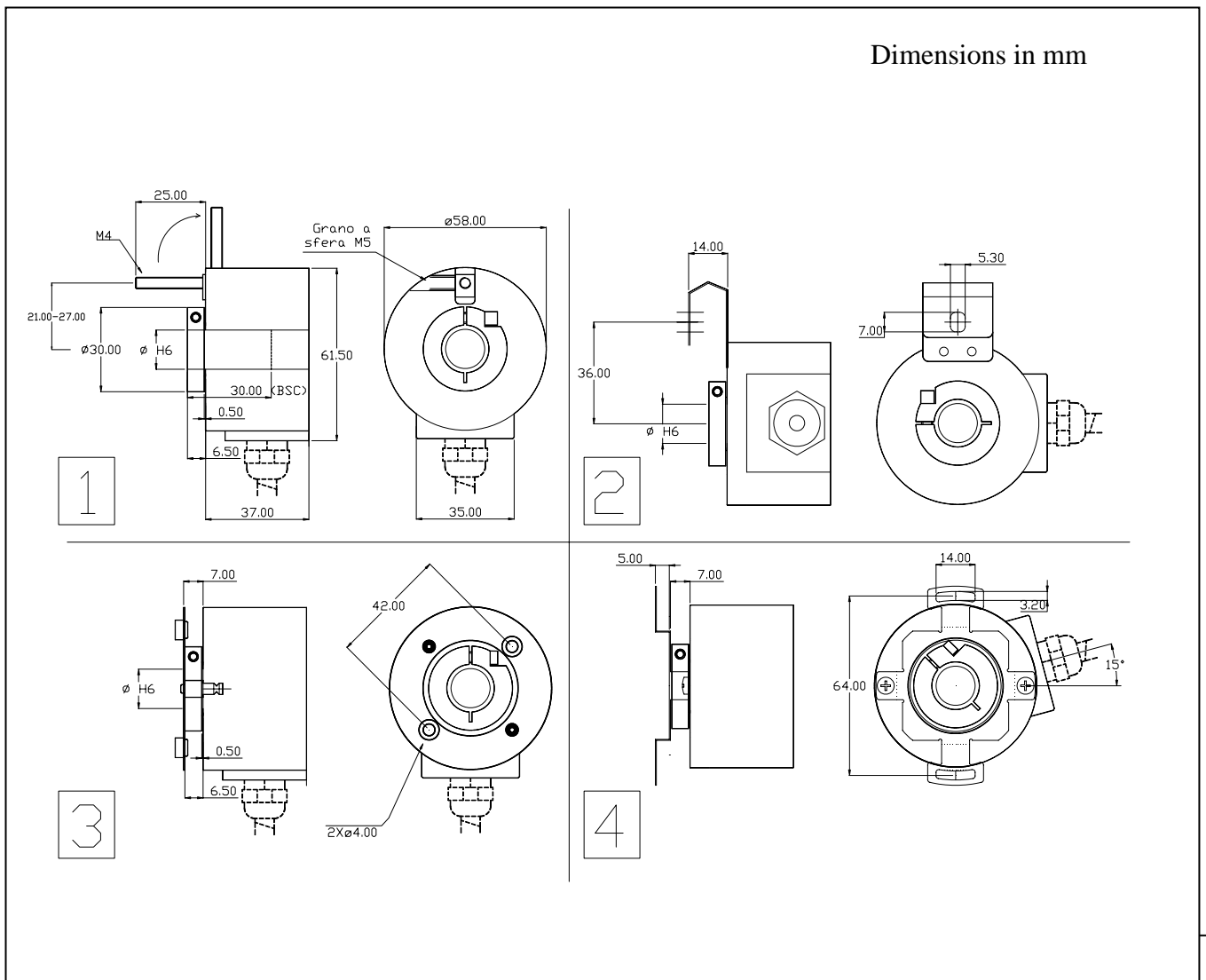


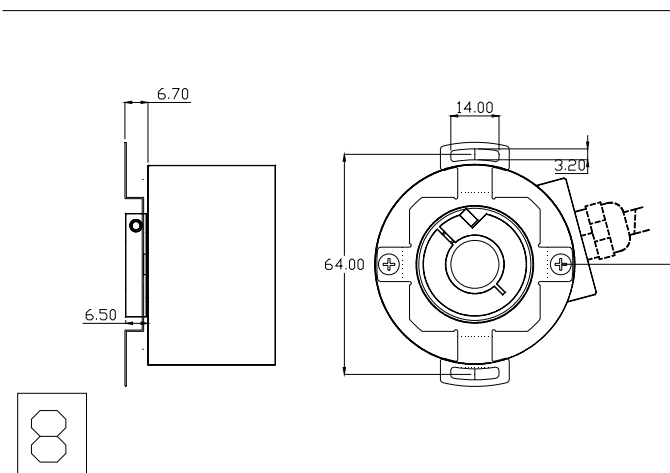
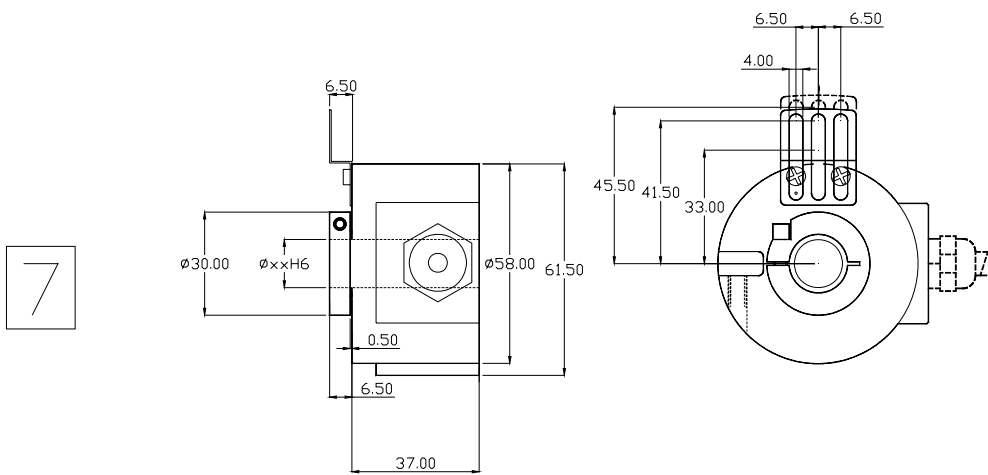
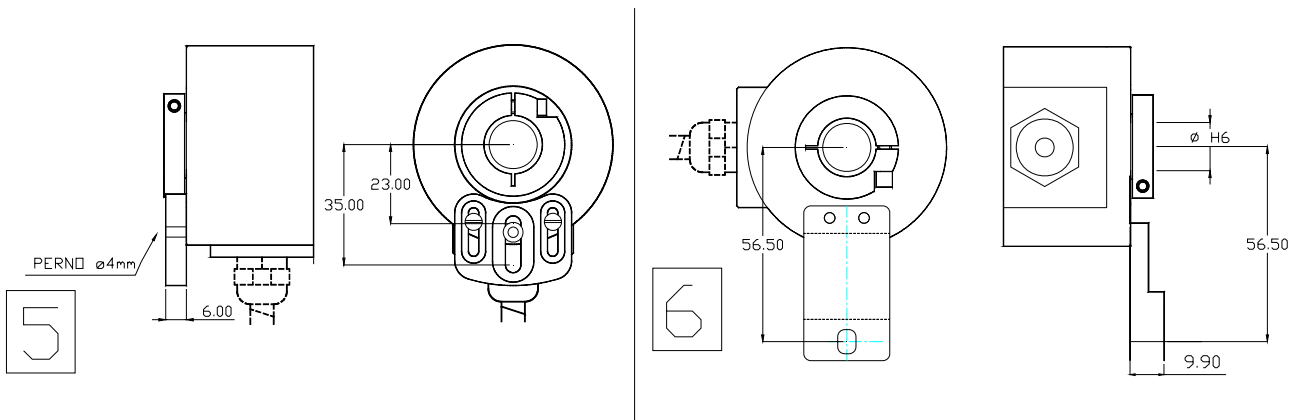
# Series ASP/ASC

## Absolut hollow and semi-hollow shaft encoder (ø58mm)

### Mechanics Data

Cover:	Aluminium
Body:	Aluminium
Solid shaft:	Stainless steel
Bearings:	2, ballraces
Weight:	Approx.300gr.
Protection:	IP64
Rpm:	6000 Max
Torque:	5Ncm
Inertia:	100gcm <sup>2</sup>
Shaft loading:	Axial 50N - Radial 50N (the value decrease when the number of pulses increase)





**Series ASP/ASC**

**Electronics Data**

Power supply: from 5 to 24V depends on the electronics circuit  
 Current consumption: 40/80mA depends on the electronics circuit  
 Permissible load: 40mA  
 Frequency: 50KHz (standard in LSB)  
 Protections: Against short circuit, reversal polarity  
 Operating Temp.: -20/+60°C

**Ordering code**

Series **A S \* \*\* \* \* \* \*** . **\*\*** / Impulsi Max 512

**Model** **Outputs** **Options** **Connections**

*Variante: definita in fase d'ordine per versioni speciali*

**Shaft** **Mechanical Mounting**

Clamping-ring version  
 8M=Ø 08mm  
 0M=Ø 10mm  
 2M=Ø 12mm  
 1M=Ø 15mm

Grub.screw version (2xM3)  
 2G =Ø 12mm  
 4G =Ø 14mm

1 = See previous pages  
 2 =  
 3 =  
 4 =  
 5 =  
 6 =  
 7 =  
 8 =

1 = GRAY NPN 11/24V  
 2 = GRAY Push-Pull 11/24V  
 3 = GRAY TTL 5V  
 4 = BIN. NPN 11/24V  
 5 = BIN. Push-Pull 11/24V  
 6 = BIN. TTL 5V

A = None  
 B = Open Coll.  
 P = Parity parity  
 D = Parity Odd  
 E = GRAY Excess  
 S = Strobe

3 = Cable Rad  
 5 = 9416/9426 Rad (contact Hohner)

**Connections**

	0 Volt	+ Volt	0 2	1 2	2 2	3 2	4 2	5 2	6 2	7 2	8 2	9 2	10 2	11 2	M	DIR <->		
<b>Connector 9416 12p</b>	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11					P12		
<b>Conn 9416 16p-9413</b>	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16		
<b>Cable</b>	B L A C K	B L U E	B R O W N	B E I G E	G R E E N	Y E L L O W	P I N K	V I O L E T	O R A N G E	T R A N S P A R	W H I T E	W H I T E	W H I T E	G R E E N	V I O L E T	Y E L L O W	G R E E N	Y E L L O W

Legend connections: M = optional outputs:  
 DIR <-> = is the signal direction: clockwise or anticlockwise  
 Clockwise standard - Anticlockwise connect DIR <-> to 0Volt.