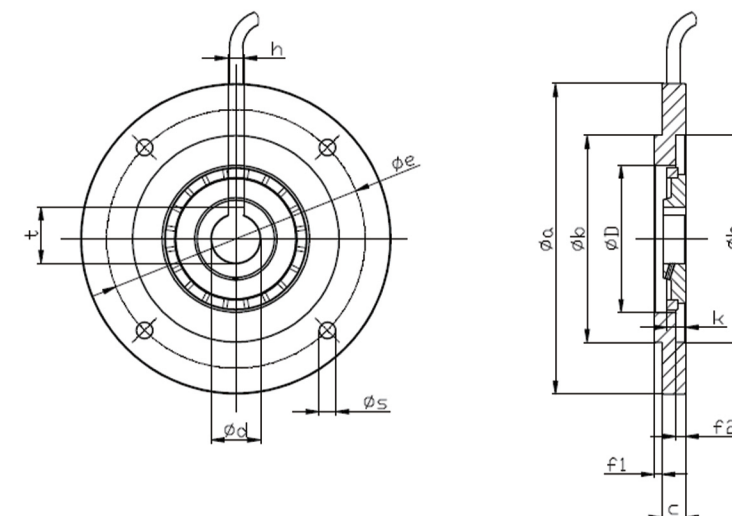


IEC FLANGE MAGNETIC ENCODER

OUTLINE DIMENSION

GENERAL FEATURE

- ◆ Diameter 90,105,120mm for all IEC -flange motor available,other diameters available on request
- ◆ Space saving assembled between motor and machine or gear flange
- ◆ Flange thickness 7-12mm
- ◆ HTL (10-24VDC) version,TTL(5VDC) optional
- ◆ 1~5120 pulses per rotation,channel A and B
- ◆ No electrical components exposed,grade IP67
- ◆ Aluminum /stainless steel flange



DIMENSION (UNIT:MM)

Φa	Φb	C	ΦD	Φe	f1	f2	k	Φd	Φs	h	t	IEC	Flange
90	60	7.7	57	75	2.3	2.5	7.1	11	5	4	12.7	63	B14a
105	70	8.6	57	85	2.4	3.0	8	14	6.5	5	16.3	71	B14a
120	80	9.1	57	100	2.7	3.5	8.5	19	6.5	6	21.8	80	B14a

ELECTRICAL PARAMETER

Input voltage	10-30VDC
Output signal	HTL 10-30V
Pulse per rotation	1~5120 available
Output frequency	≤100kHz
Signal level	V _{high} ≥0.7V, I _{Last} ≤10mA, V _{low} ≤0.7V, I _{Last} ≤10mA
Reverse polarity protection	YES
Output short circuit protection	YES
Motor shaft tolerance	Axial 0.2mm,radial 0.05mm



WIRE DIAGRAM

1	2	3	4
A	B	VCC	GND
White	Black	Brown	Blue

Standard cable length 800mm,longer length available with additional cost



MODEL INSTRUCTION

MODEL	SD90-11-20-7			
SD	90	-11	-20	-7
Company	Diameter	Shaft diameter	Pulse	Flange thickness