

1

2

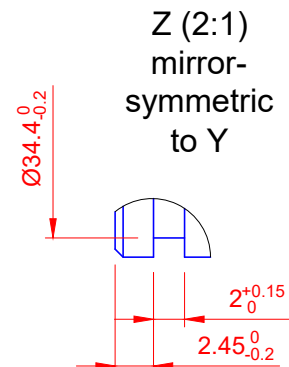
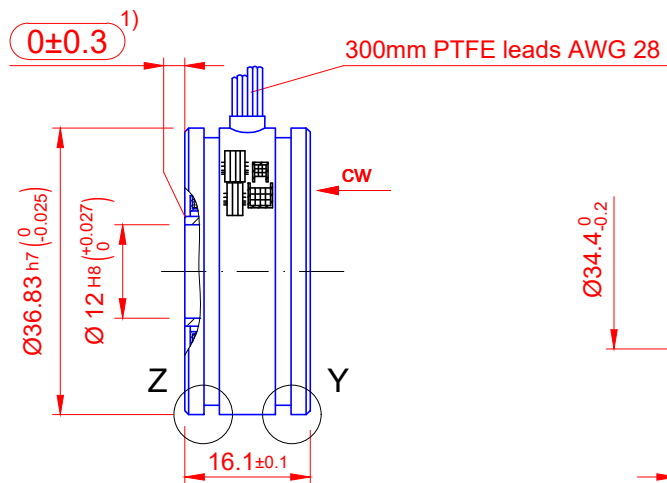
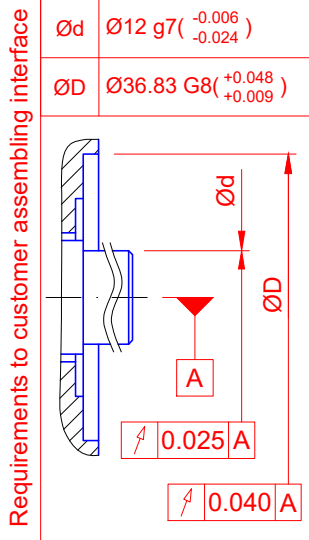
3

4

Inner diam. stator = 22.820 min.
Outer diam. rotor = 22.350 max.

1) axial offset
operational tolerance

Positive counting direction :
Rotor cw as viewed (cw →)



Primary side :
Pole pairs p :
Transformation ratio TR :
Input voltage E :
Input current :
Input frequency f :
Phase shift :
Max. null voltage :
Impedances:

R1-R2
1
0.5 ±10%
7 V rms
typ. 65 mA
5kHz
13° ±3°
30mV

R1-R2
1
0.5 ±10%
7 V rms
typ. 41 mA
10 kHz
-2° ±3°
30 mV

Zro :
Zrs :
Zso :
Zss :

typ. 70 +j 85 Ω
typ. 65 +j 70 Ω
typ. 165 +j 195 Ω
typ. 160 +j 170 Ω

typ. 95 +j 140 Ω
typ. 85 +j 130 Ω
typ. 220 +j 345 Ω
typ. 195 +j 310 Ω

DC resistance :

Rotor :
Stator :

37 Ω ±10% at 20°C
102 Ω ±10% at 20°C

Accuracy :

±6'

Accuracy ripple :

1' max.

Operating temperature :

-55°C ... +155°C

Max. permissible speed :

20.000 rpm

Shock (11ms) :

<1000 m/sec²

Vibration (55-2000Hz) :

<500 m/sec²

Weight rotor :

25g

Weight stator :

60g

Rotor moment of inertia :

0.02*10E-4kgm²

High pot test voltage

housing / winding :

500VAC/50Hz/3sec.

winding / winding :

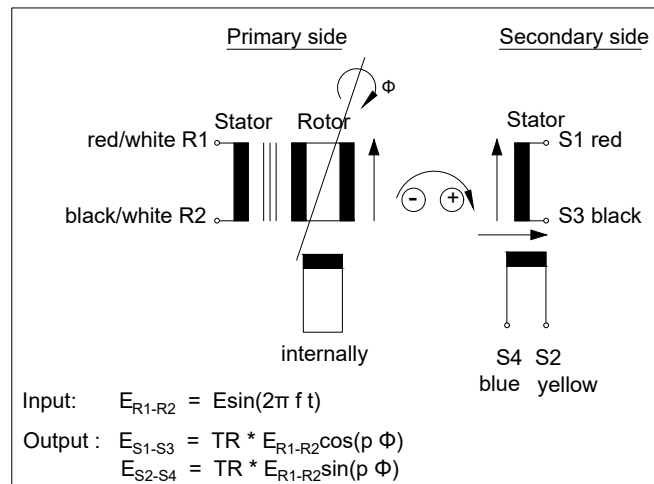
250VAC/50Hz/3sec.

Rotor :

completely impregnated

Stator :

completely impregnated



h)				Datum	Name
g)				Bearb. 26.11.18	Reissmüller
f)				Gepr. 26.11.18	Logé
e)				Norm	
d)				Kom.-N°:	
c)				LTN	
b)				LTN Servotechnik GmbH	
a)					

Resolver
RE-15-1-B25-06

Zeichnungs-N°: RE-15-1-B25-06
EDV-N°: 5906024-02



Maßstab
1:1
O-Format
A4

Zust. Änderung Datum Name Datei: 1273939

26.11.18