



Primary side	R1 - R2
Pole pairs	3
Transformation ratio	0.5 ± 10%
Input voltage	7 V
Input current	-- mA
Input frequency	5 kHz
Phase shift	--° ± 3°
Null voltage	30 mV max.
Impedance	
Zro	-- j -- Ohm
Zrs	-- j -- Ohm
Zso	-- j -- Ohm
Zss	-- j -- Ohm
D.C. resistance	
Rotor	-- Ohm ± 10%
Stator	-- Ohm ± 10%
Accuracy spread	6'
Operating temperature	-55° C ... +155° C
Hi-pot housing/winding	500 V min.
Hi-pot winding/winding	250 V min.
Rotor / Stator	Completely impregnated

Input : $E(R1-R2) = E \sin(\omega t)$
 Output : $E(S1-S3) = Tr \times E(R1-R2) \cos 3x\theta$
 $E(S2-S4) = Tr \times E(R1-R2) \sin 3x\theta$
 Tr = Transformation ratio

Positive counting direction: shaft cw as viewed (X →)

Preliminary

		Datum		Name	
h)		Bearb.	02.05.06	Pielok	
g)		Gepr.	02.05.06	Pielok	
f)		Norm			
e)		Kom.-N°:			
d)		LTN LTN Servotechnik GmbH			
c)					
b)					
a)					
Zust.	Änderung				
		Resolver			
		RE-35-3-v01			
		Zeichnungs-N°: RE-35-3-V01			
		EDV-N°:			
					Maßstab 1:1 O-Format A3