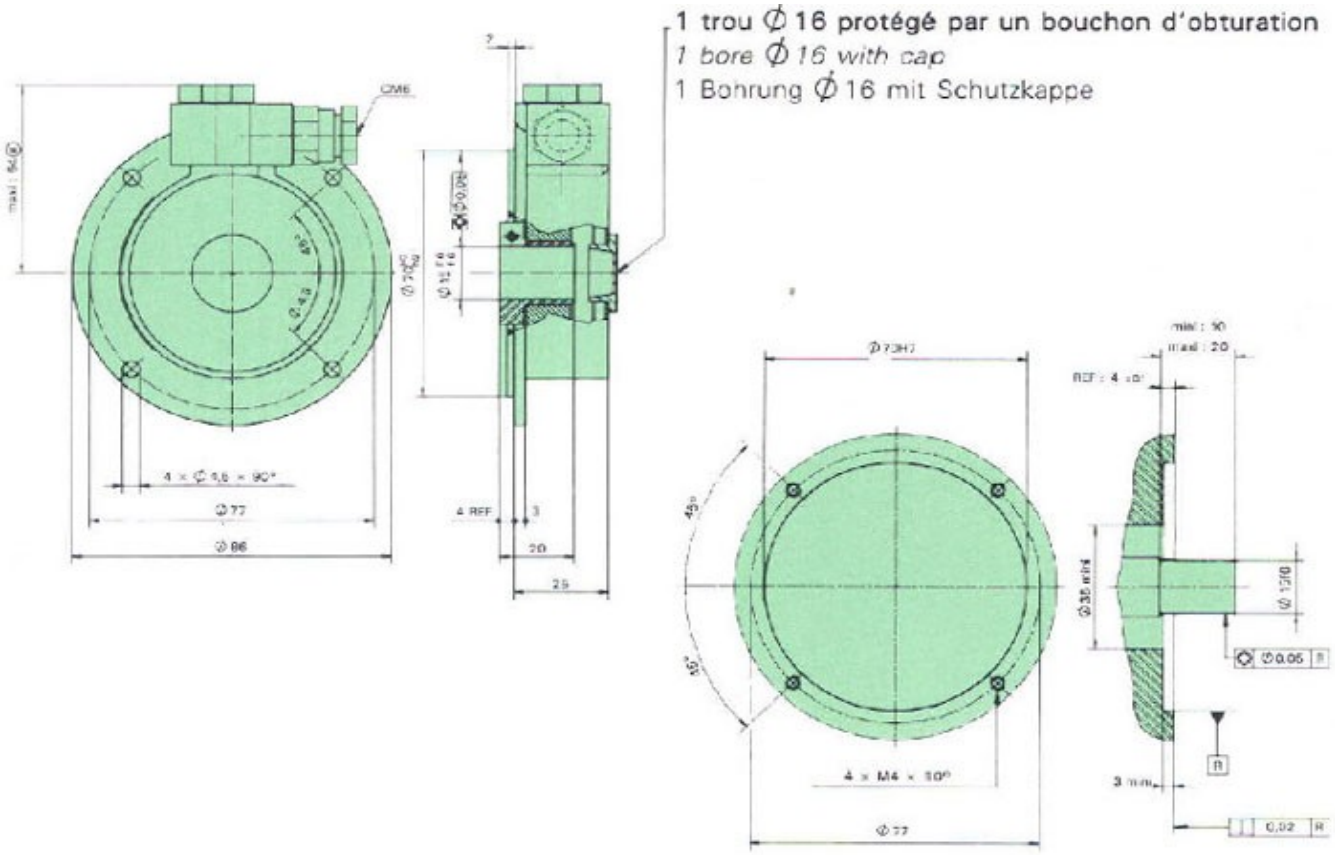
Radio Energie RAC 12 Tachogenerator

Technical Diagram



Electrical Options

DESIGNATION	SYMB. SYMB. SYMB.	UNITE UNIT EINHEIT	VALEUR VALUE WERT
Max. speed (mechanical)	n_m	tr/min - rpm - U/min	12000
Minimum speed		tr/min - rpm - U/min	50
Rated speed		tr/min - rpm - U/min	1000
Moment of inertia	J	g cm²	70
No load driving torque	Mr	N.cm	35
Mounting			A4
Operating position: any position			
No load rectified voltage	E	V	30
Maximum E.M.F.	E_m	V	300
Max. linearity error	ΔE	$\%E_T$	≤1
Residual ripple rate	ΔE_c	$\%E_c$	4
Ripple frequency		Hz	400
Calibration precision	ΔE_o	$\%E_{To}$	±1
E.M.F. temp. Drift	ΔE_c	%/°C	0,02
Max load current	I_c	mA	20
Insulation class		IEC 34-1	F
Operating temperature		°C	-30 / +130
Climatic protection		IEC 68-1	C_2
Protection degree		IEC 34-5	IP 56
Direction of rotation : reversible			
Excitation : Permanent magnets			
Pole number			8
Weight rotor		g	50
Weight stator		g	200

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