

UKE1/2

Dimensions (mm)	∅ 57 x 45
Travel (mm)	13, 30
Travel per step (mm)	0,03125
Speed by 200 Hz (mm/s)	6,25
Resistance per winding	
bipolar/unipolar 6 V (Ω)	6,9/10
12 V (Ω)	36/44
24 V (Ω)	170/187
Max. Force (N)	on request



Standard Data

Climatic class	wide-spread according to DIN IEC 60721-2-1
Ambient temperature operation	°C -15...+60
Ambient temperature storage	°C -20...+100
Thermal resistance at f=0 R _{therm}	K/W
Thermal class	A according to IEC 85
Approval	standard
Mounting	any position
Electrical connection	cable
Protection	IP 40 according to DIN EN 60529
Weight	325 g
Rotor stalling	motor can be stopped when voltage is applied, without being overheated
Bearings	ball bearing, for live lubricated

Order Reference

Type	Stepper Motor	UKE	13	N	36 Ω	N	1A
Configuration	13 bipolar 23 unipolar						
Approval	N Approval Standard						
Resistance	See page 60 Resistance per winding for bipolar or unipolar.						
Connection	N cable 150 mm other on request						
Shaft	1A Travel 30 mm (other on request)						

Technical Data

bipolar (UKE1)	Rated voltage U_N	V	6	12	24
	Resistance per winding R_{20}		6,9	36	170
unipolar (UKE2)	Rated voltage U_N	V	6	12	24
	Resistance per winding R_{20}		10	44	187
Steps per revolution			48		
Steps per mm			32		
Winding temperature T_{max}			105° C		
Duty cycle			100%		
Linear travel max.			13,30 mm		
Axial play at 20 N force			< 0,25 mm		

Dimensions UKE13N...1A (travel 30 mm)

