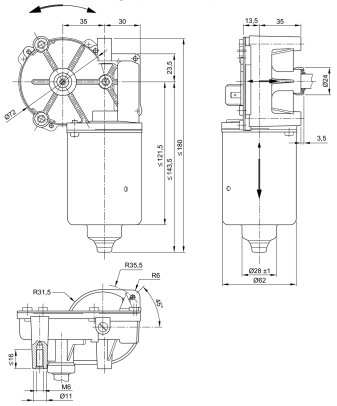
A Nidec Group Company
Nidec Motors & Actuators
All for dreams

Series SW2K
Motor type 403 957

Design Data	
Commutation	Brushed
Direction of rotation	Bi-directional
Bearing type	

0277 AL



Performance data		
Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	5.00
No-load speed [min^{-1}]	n_0	65.0
Nominal power [W]	P_N	27.2
Nominal current [A]	I_N	4.0
Nominal force [kN]	F_N	0.00
Duty cycle		s1

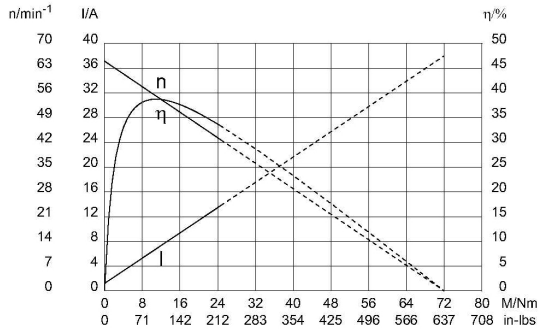
Sensor data	
Pulses	0
Output channels	0

Other data	
Gear ratio	63/1
Gear wheel material	Plastic
Suppression components	4.7µH, 1nF
Enclosure class	IP40
Weight [kg]	1.200

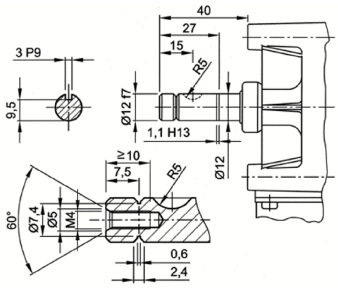
Remarks: Ball bearing

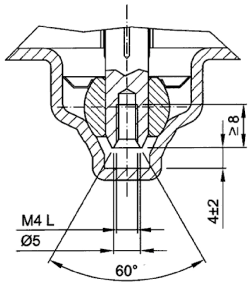
Motor picture

Characteristic curves

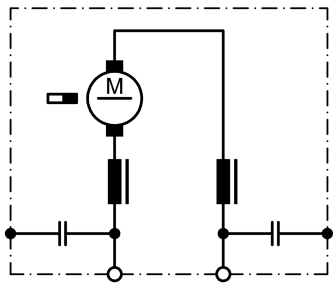


Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)





S 30



! Lefthand thread

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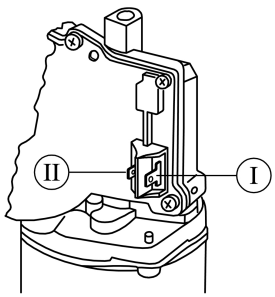
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

K 144



I Blade terminal ends 6,3 x 0,8 DIN 46 244
II Blade terminal ends 4,8 x 0,8 DIN 46 244

Notes