

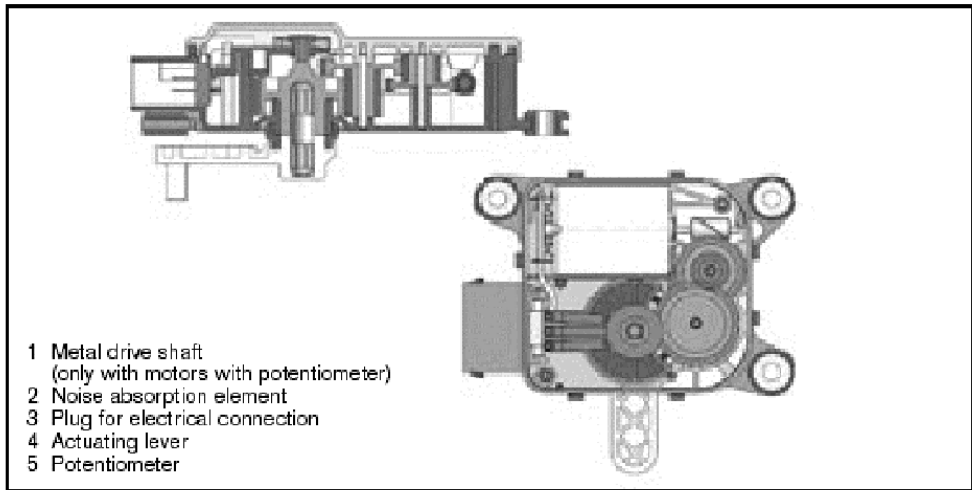
Tolerâncias quando não especificados segundo a norma DIN ISO 2768-1 classe m médio									
Dimensões Longitudinais	0,5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
Chamfero	+0,1	+0,1	+0,2	+0,3	+0,5	+0,8	+1,2	+2	
Raio	+0,2	+0,5	+1	+1*	+1*	+1*	+1*	+1*	

VMC

The compact adjusting drive

This motor was developed to adjust flaps used for climate control and air metering in vehicles. It is ideal for applications in industry and has been used successfully for years: e.g. to adjust the position of valves for water, oil, gas, or for metering the quantity of air in solariums.

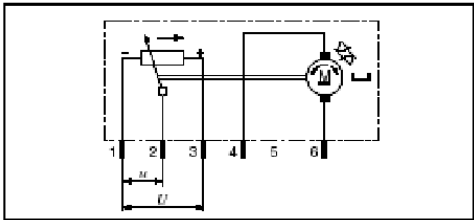
The VMC-Motors produce a low level of noise and vibration and are manufactured in different versions, with or without potentiometers, as well as in a splash-water-tight version.



VMC with potentiometer

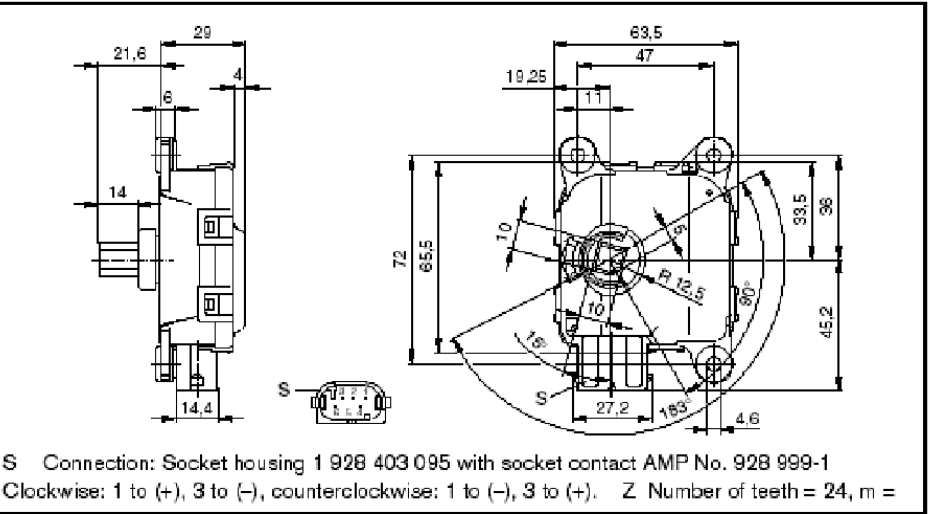
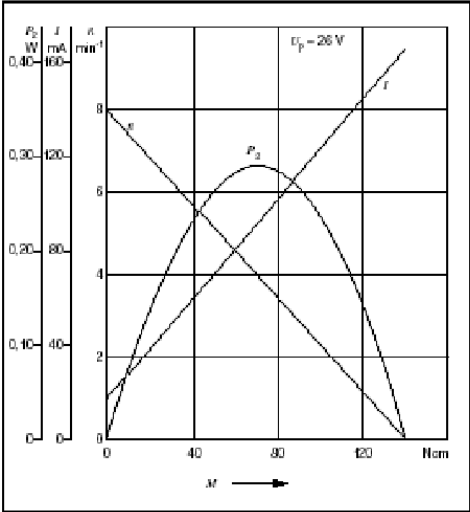
Technical data for potentiometer

Nominal resistance	$R_N = 4.7 \text{ k}\Omega (\pm 20 \%)$
Linearity	$C = 3 \%$ (absolute)
Linearity range	$4 \dots 96 \%$ $\frac{U}{U}$
Electric angel of rotation	183°
Load-carrying capacity	$P_{40} = 0.25 \text{ W}$
Nominal pitch	$P = 0.400 \%$ $\frac{\Delta U}{U} \cdot 100$



24 V 0.22 W

Nominal voltage	U_N	24 V
Nominal power	P_N	0.22 W
Nominal current	I_N	55 mA
Maximum current	I_{max}	250 mA
Nominal speed	n_N	6 min ⁻¹
Nominal torque	M_N	40 Ncm
Breakaway torque	M_A	$\geq 100 \text{ Ncm}$
Reduction	i	405 : 1
Direction of rotation		L/R
Shaft load, max.		
axial	F_a	$\leq 30 \text{ N}$
radial	F_r	$\leq 50 \text{ N}$
Type of duty		S 1
Degree of protection		IP 54
Weight		ca. 0.12 kg
Part number		0 132 801 141



FABRICANTE: BOSCH

MANUFACTURER
FABRICANTE

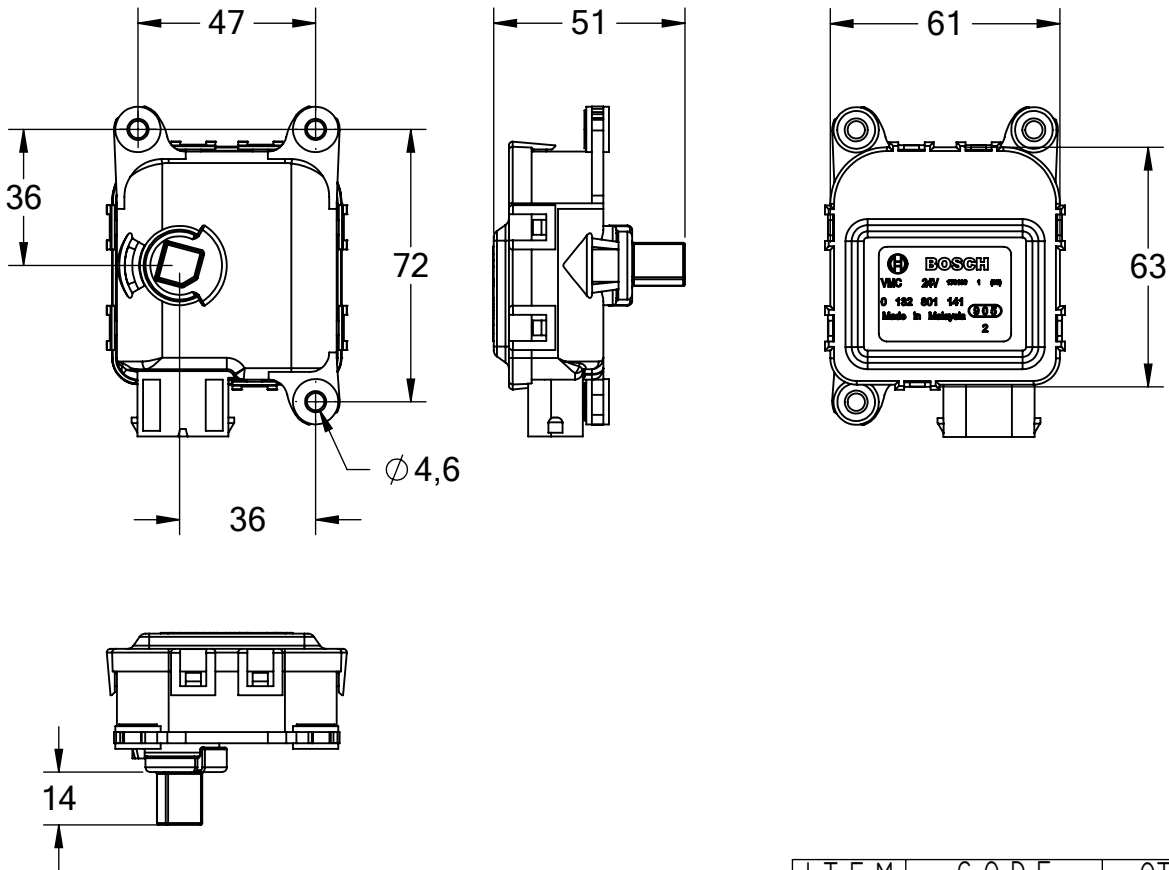
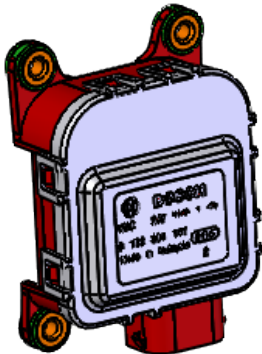
TENSAO DE TRABALHO: 24_VOLTS

VOLTAGE
VOLTAJE

REFERENCIAS: 0.132.801.141

REFERENCES
REFERENCIAS

Number	Date	Modification	E	Owner
500000497907	28/09/2020	DESENHADO 3D		CARLOOLI



ITEM		CODE	QTY
 Marcopolo Scale: 1:2 Date: 28/09/2020 View System:  Liquid weight(Kg): 0,024 Origin: Version: AC			
Denomination: MOTOR DAMPER DEFROSTER 24v DEFROSTER DAMPER ENGINE MOTOR DAMPER DEFROSTER		Code: 99200949 Class: 9920E4	
Project Office: ENO_MPIO Reviser by SAP WorkFlow VIEW IN PLM SYSTEM Drawer: CARLOOLI		Use:	