

RM040 Series Linear Solenoid Push and/or Pull Type

Heavy duty linear solenoid RM 040

Weight:
 Complete solenoid: appr. 380 g
 Armature: appr. 60 g
 Standard:
 Voltage: 24 V DC
 Flying leads: 10 cm
 Insulation class: F (max. permissible temperature = 155 °C)

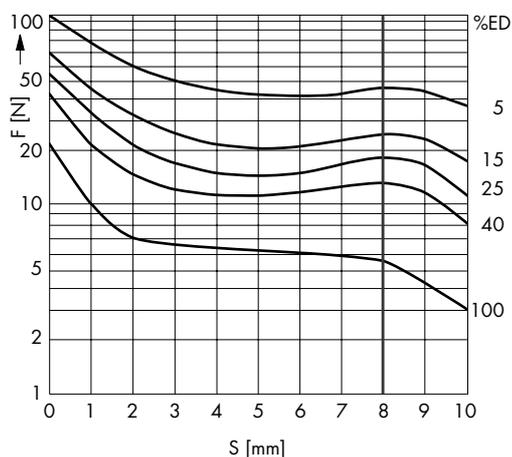
Service-free DU armature bearing for maximum durability.

Stroke of version with standard stroke limiter: 8 mm.



	100	40	25	15	5	%	Perm. duty cycle (ED) ²⁾	
	11	21	41	67	161	W	Nominal coil power P _n	
	36					11	ms	Actuation time (ED)

²⁾ If solenoid is mounted directly onto a flat metal surface, an increase in relative duty cycle is permissible (please ask for advice)



Force vs. Stroke diagram $F = f(s)$

Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature

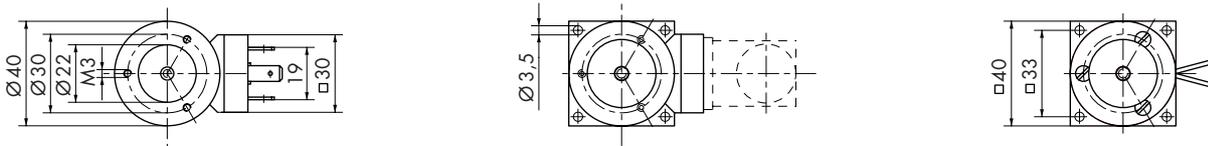
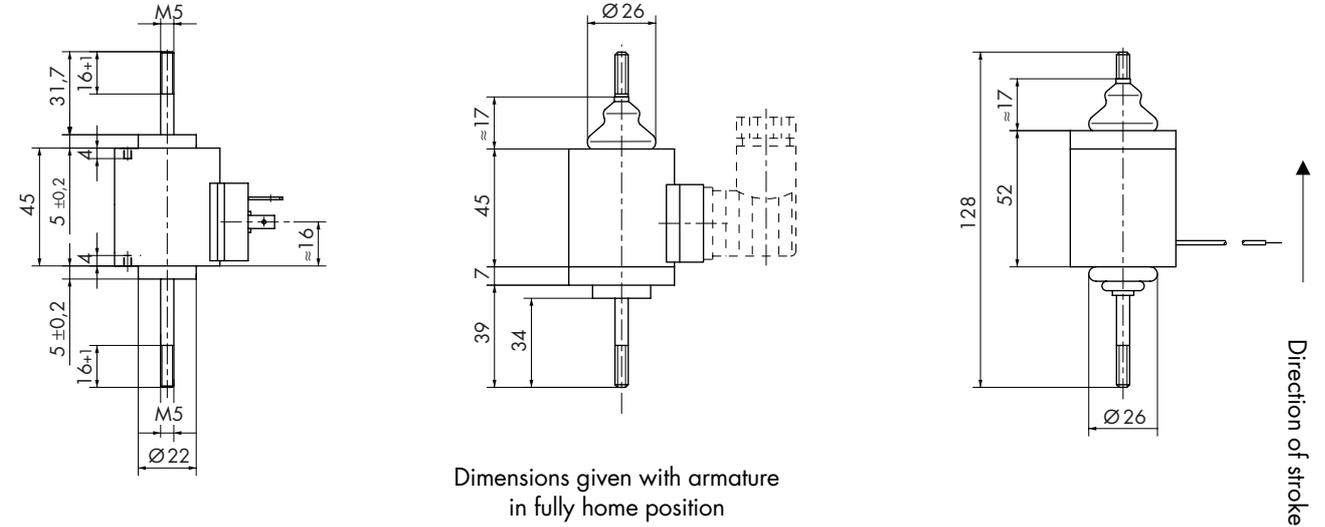
stroke $s = 0$ corresponds to armature in fully home position

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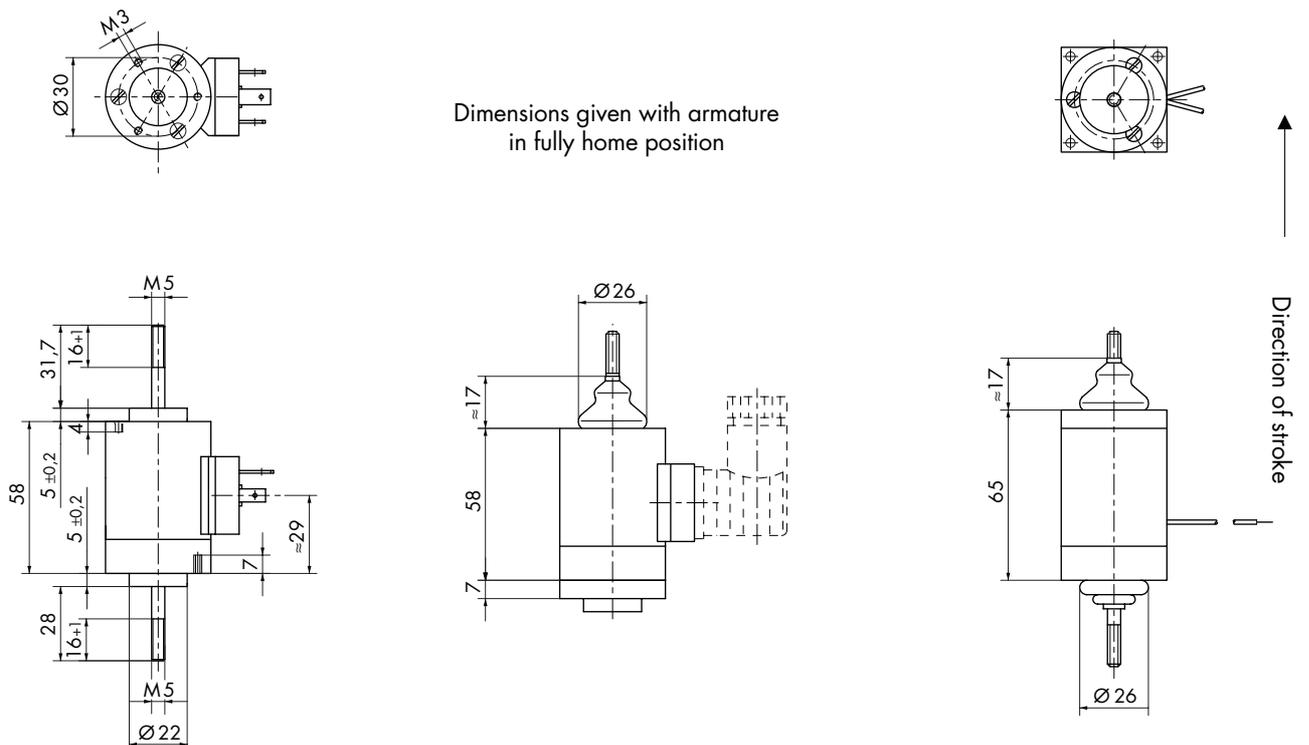
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RM040 Series Linear Solenoid Push and/or Pull Type

without stroke limiter



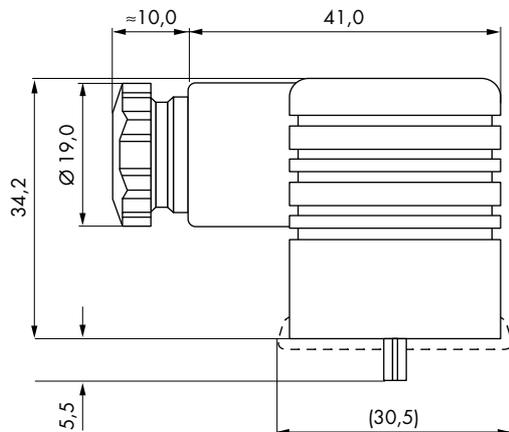
with stroke limiter



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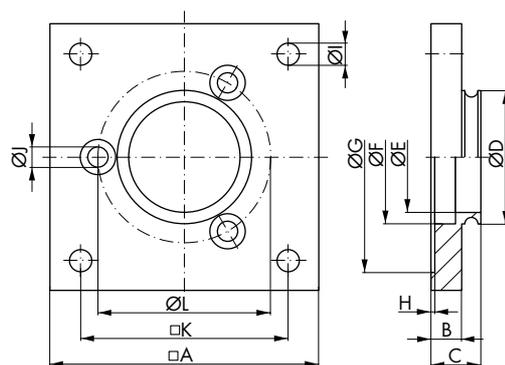
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RM040 Series Accessories



Plug-in socket Z801
 Screw joint PG 9
 for lead diameter 4.5 - 7 mm

Plug-in socket Z811
 Screw joint PG 11
 for lead diameter 6 - 9 mm
 Plug-in socket with built in
 Si-bridge rectifier

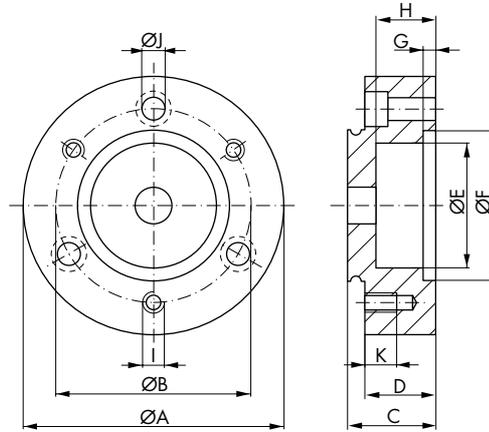


Flange
 (Mounting screws are part of the
 shipment)

Order specification

Order number	Type	Dimensions (mm)												Type	Order number
		A	B	C	D	E	F	G	H	I	J	K	L		
Z 837	RM 040	40,0	7,0	12,0	22,0	18,6	22,0	-	-	3,5	3,4	33,0	30,0	RM 040	Z 837

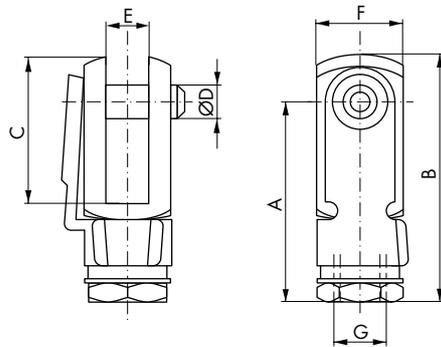
RM040 Series Accessories



Stroke limiter
 (Mounting screws are part of the shipment)

Order specification

Order number	Type	Dimensions (mm)										Type	Order number	
		A	B	C	D	E	F	G	H	I	J			K
Z 836	RM 040	40,0	30,0	18,0	13,0	19,0	22,0	5,5	10,0	M3	3,4	7,0	RM 040	Z 836



Fork

Order-number	A	B	C	D	E	F	Connec-tion G
37.304	23	29	16	5	5	10	M5

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