



RM060 Series Linear Solenoid Push and/or Pull Type

Heavy duty linear solenoid RM 060

Weight: Complete

> solenoid: appr. 1300 g Armature: appr. 250 g

Standard:

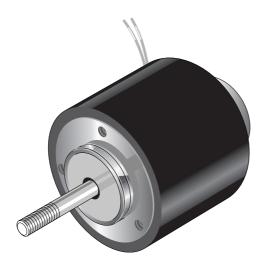
Voltage: 24 V DC Flying leads: 20 cm

Insulation class: F (max. permissible

temperature = 155 °C)

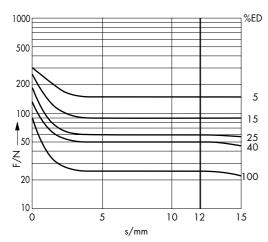
Service-free DU armature bearing for maximum durability.

Stroke of version with standard stroke limiter: 12 mm.



100	40	25	15	5	% Perm. duty Cycle (ED) ¹⁾
25	60	98	150	381	W Nominal coil power Pn
45 –				— 1 <i>7</i>	ms Actuation time (ED)

If solenoid is mounted directly onto a flat metal surface the duty cycle can be extended (please ask for advice)



Force vs. Stroke diagram F = f(s)

W = horizontal characteristic

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

stroke s = 0 corresponds to armature in fully home position

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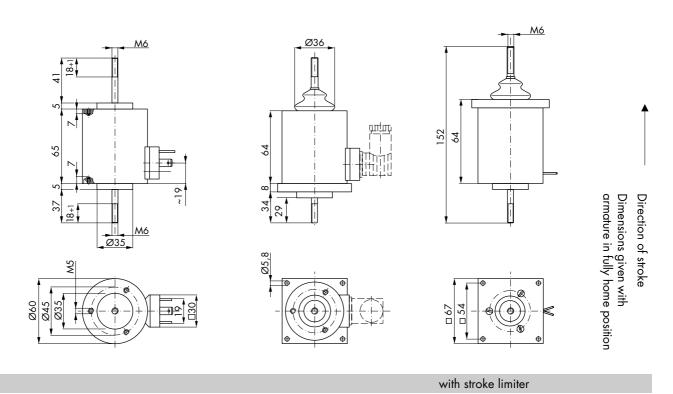
Information shown in these data sheets are for guidance purposes only, no liability is accepted for any errors or omissions. The designer or user is solely responsible for the safe and proper use of these parts, assemblies or equipment described.

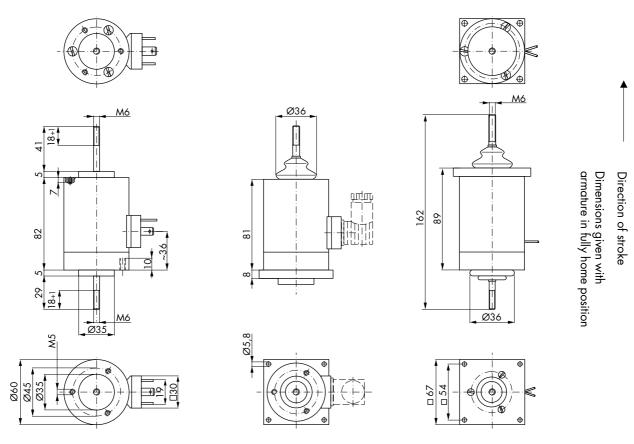




RM060 Series Linear Solenoid Push and/or Pull Type

without stroke limiter



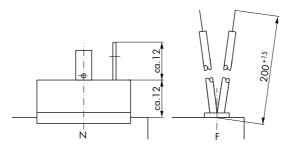


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RM060 Series Ordering Information

RM	060	- W -	0	R	0	R	- N -	24 V DC	100 % ED	Order specifications		
RM										Linear solenoid series		
	060									Design type Ø mm		
		W								Horizontal frontal forc	e vs. stroke output	
										Description ²⁾		
			0							Stroke limit	without	
			Н								with	
				R						Plunger	right hand side ³⁾	
				В							both sides	
					0					Flange	without	
					R						right hand side ³⁾	
					L						left hand side ⁴⁾	
						0				Gaiter	without	
						R					right hand side ³⁾	
						L					left hand side ^{4) 5)}	
						В					both sides ⁵⁾	
							F			Coil terminals	Flying leads (20 cm standard length)	
							N				plug-in socket connection ⁶	
								24		Operating voltage	24 V DC	
								205			205 V DC (connected to 230 V AC with SI- bridge rectifier)	
									100 % ED	Perm. duty cycle unde	r air cooled conditions (LK)	

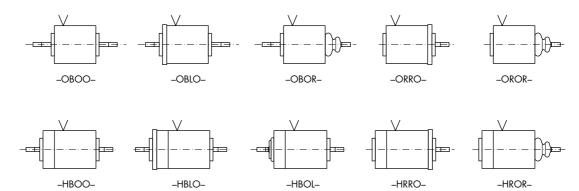


- 2) See below
- 3) Opposite to electrical connection
- 4) Same side as electrical connection
- 5) Available with stroke limit only
- 6) For plug-in socket 6.3 DIN 46247 and plug Z801 and Z811

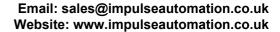
Coil terminals

Examples of design types:

Direction of stroke

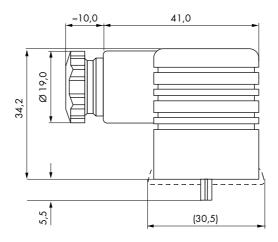


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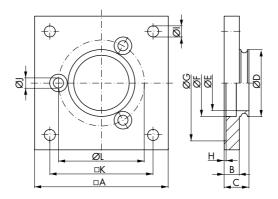
RM060 Series Accessories



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

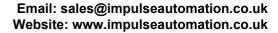


Flange (Mounting screws are part of the shipment)

Order specification

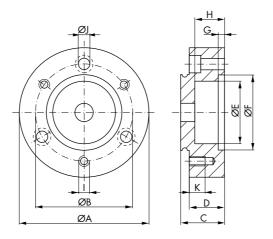
Order		Dimensio	Dimensions (mm) Dimensions (mm)												Order
number	Туре	Α	В	С	D	E	F	G	Н	I	J	K	L	Туре	number
Z 840	RM 060	70,0	8,0	13,0	35,0	29,0	35,0	60,5	1,0	5,8	5,3	54,0	45,0	RM 060	Z 840

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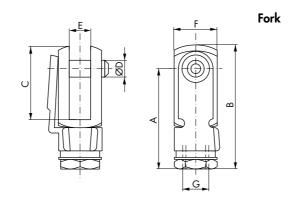
RM060 Series Accessories



Stroke limiter (Mounting screws are part of the shipment)

Order specification

Order		Dimension	Dimensions (mm) Dimensions (mm)											Order
number	Туре	Α	В	С	D	E	F	G	Н	I	J	K	Туре	number
Z 845	RM 060	60,0	45,0	22,0	17,0	29,0	35,0	5,5	12,0	M5	5,3	10,0	RM 060	Z 845



Order- number	A	В	С	D	E	F	Connection G
36.304	27	34	19	6	6	12	M6

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