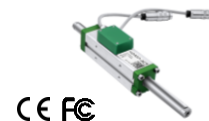


# KLM-40-0F4 KOMP-ACT LINEAR MOTOR

# KOMP-ACT

With programmable strokes and automatic calibration



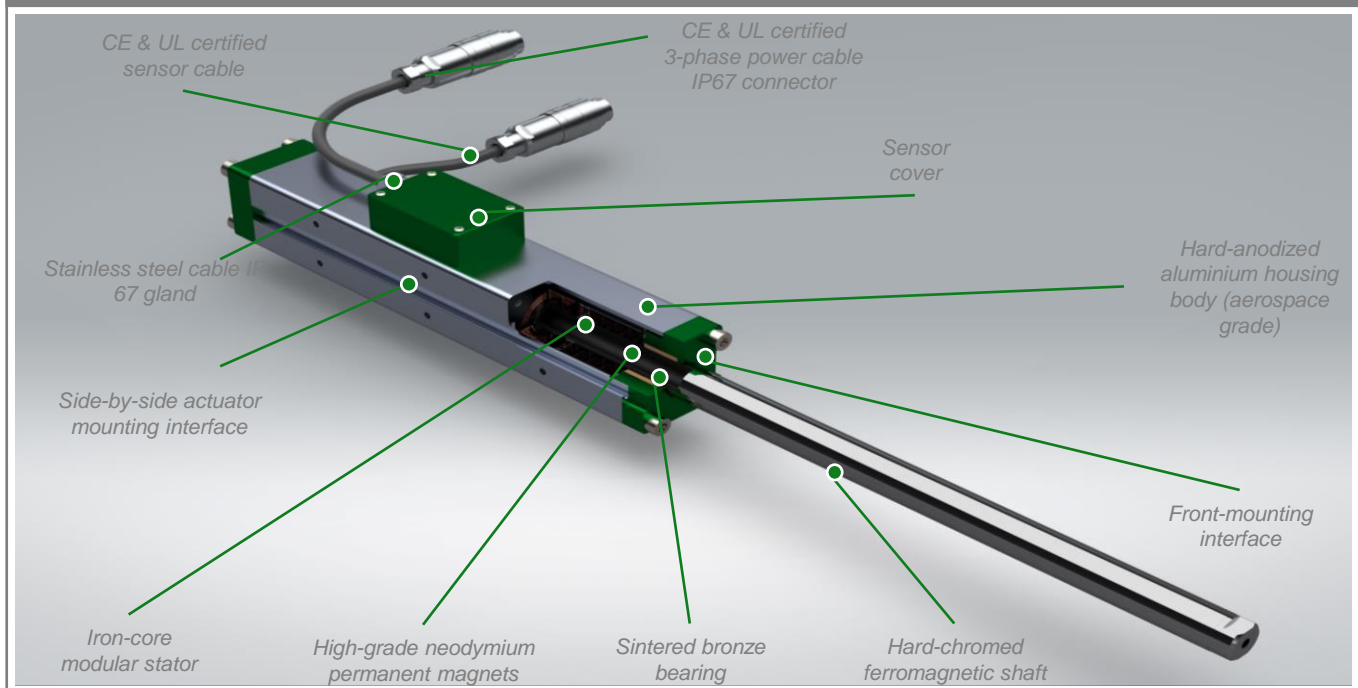
## TECHNICAL DATA

Continuous force	$F_c$	[N]	30
Peak Force	$F_p$	[N]	140
Continuous current	$I_c$	[A]	2
Peak current	$I_p$	[A]	6
Phase resistance	$R_p$	[Ohm]	6.6
Stroke length	$S_{max}$	[mm]	40, 80, 120, 160, 200, 240
Repeatability		[mm]	$\pm 0.150$
Accuracy		[mm]	$\pm 0.5$
Acceleration	$Acc_{max}$	[m/s <sup>2</sup> ]	22.5
Top speed	$V_{max}$	[m/s]	2
Power supply	DC	[V]	24 or 48
Operating temperature	$T_{op}$	[°C]	-20...+45
Slider mass	$M_s$	[g]	240 + 1 gram / stroke
Stator body mass	$M_T$	[g]	1125
Rod bearings	Sintered bronze		
Housing Material	Hard-anodized aluminium (aerospace grade)		
Shaft Material	Hard chrome plated steel		

### Notes:

- KLM actuators shall be used with KOMP-ACT's electronic controller KDRV-1-MK

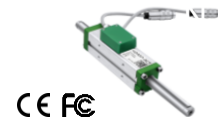
## PRODUCT DESCRIPTION



# KLM-40-0F4 KOMP-ACT LINEAR MOTOR

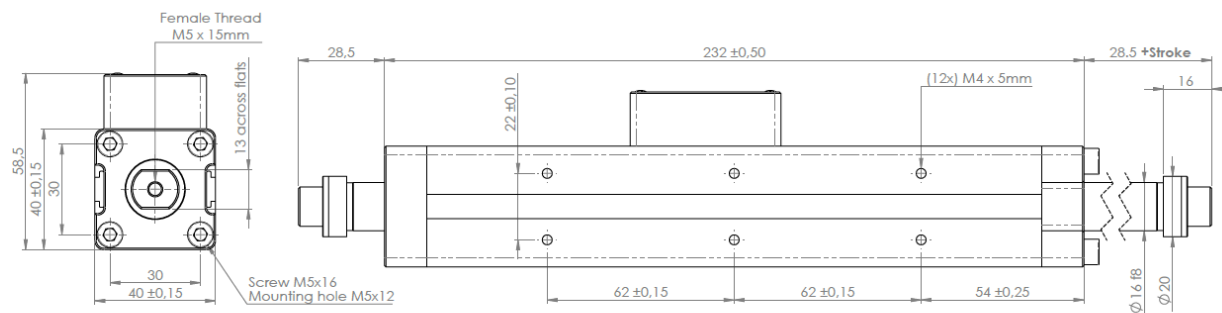
**KOMP-ACT**

With programmable strokes and automatic calibration



CE FC

## MOUNTING INTERFACE



## ORDERING DATA

BODY TYPE	STROKE (mm)	TYPE	CABLE TYPE	TYPE	LENGTH	
KLM-40-0F4	40	KLM-40-0F4-040	Power cable	KLA-PWR-X-03-HF-A	3 m	
	80	KLM-40-0F4-080		KLA-PWR-X-05-HF-A	5 m	
	120	KLM-40-0F4-120		KLA-PWR-X-10-HF-A	10 m	
	160	KLM-40-0F4-160	Sensor cable	KLA-SNR-X-03-HF-A	3 m	
	200	KLM-40-0F4-200		7 x 0.25 mm <sup>2</sup>	KLA-SNR-X-05-HF-A	5 m
	240	KLM-40-0F4-240		KLA-SNR-X-10-HF-A	10 m	

### Notes:

- Both power and sensors cables are shielded cables which Outer sheath made of PVC, Outer Diameter is 6 mm.
- On both extremities of each cable, there is one ferrite with 16 mm of outer diameter and 52 mm length.
- Operating temperature of both cables is in the range of -20° C to + 75° C.
- Cables are furnished with required connectors.
- Custom length of cables is available on request.