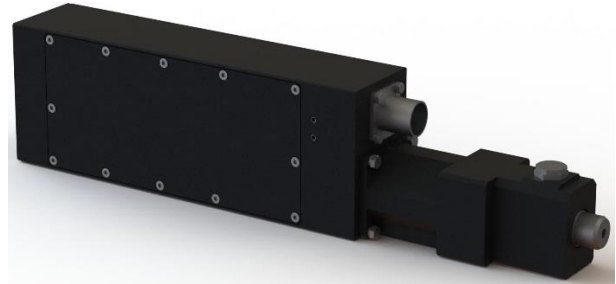


MAJ : 19/07/2017



VMR HV 50-300



VMR HV 300-650

HIGH-SPEED COMPACT ACTUATOR CANOPEN

1 - Application

This actuator is suitable where the movement of the load must be fast. When the engine stops, the load can move freely.

The targeted markets are aeronautics and defence.

2 - Description

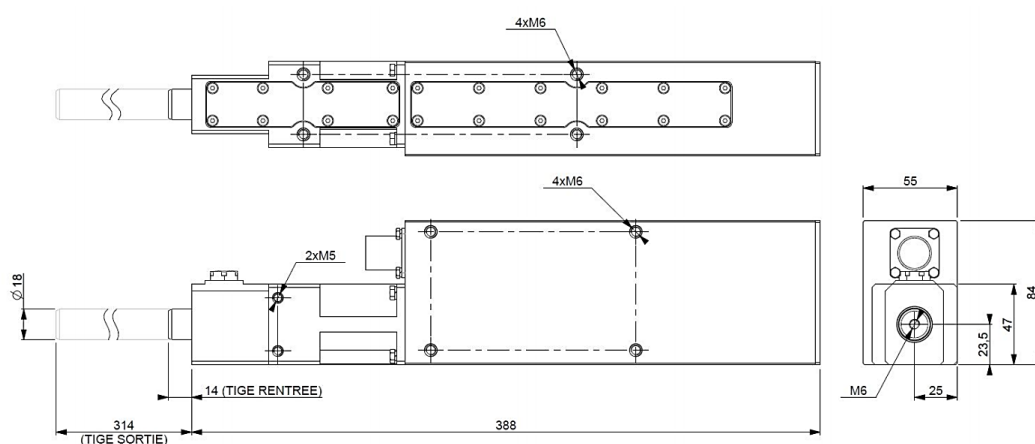
- DC motor
- Ball screw drive
- "Push-pull" actuator
- Shaft anti-rotation system
- CanOpen embedded electronics
- Electrical connector MIL-D38999
- Special paint for harsh environment
- Operating temperature: -32°C, +80°C
- Withstands an acceleration of 40g
- MIL-STD-810 certified

All our products can be customized according to your requirements

3 – Data Sheet

CHARACTERISTICS	SPECIFICATIONS	
Race :	50 mm	300 mm
Maximum speed :	100 mm/s	150 mm/s
Strength :	300 N	650 N
Dimensions:	160 x 80 x 50 mm	402 x 84 x 55 mm
Poids :	2 kg	3 kg
Material (body):	Aluminium 5083	Aluminium 5083
Power supply:	17 à 35 VDC, pic 8A	
Electronics:	Integrated, CanOpen communication, configurable discrete	
Protection sign :	IP65, Protected against dust, protected against jets of water from all directions with a lance	
Option :	• Motor in line with screw • Blocking of the shaft when it is retracted	
Servo variant:	Brushless motor with rotary sensor	
Embedded Software :	Includes an application program responsible for communication, configuration, control and supervision of the actuator	

4- Dimensions (mm) for a stroke of 300 mm



Note: Additional data and diagrams on request

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