

# Electrak Non-driven Actuator PPA-M

Load up to 6670 N

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## Standard Features and Benefits

- Actuator with double input shafts to which a customer supplied motor or/and an intermediate shaft can be mounted
- Can be operated manually
- Robust and versatile
- Withstands very harsh environments
- Highly efficient ball screw drive system
- Holding brake prevents back driving
- Trunnion to clevis mounting
- Maintenance free

## Performance Specifications

Parameter		PPA-M
Maximum load, dynamic / static	[N]	6670 / 13350
Maximum speed at max. load	[mm/s]	8
Maximum input torque	[Nm]	9
Maximum input speed	[rpm]	100
Standard stroke lengths	[in]	4, 8, 12, 18, 24, 36
Operating temperature limits	[°C]	-25 – +65
End play, maximum	[mm]	1,0
Restraining torque	[Nm]	23

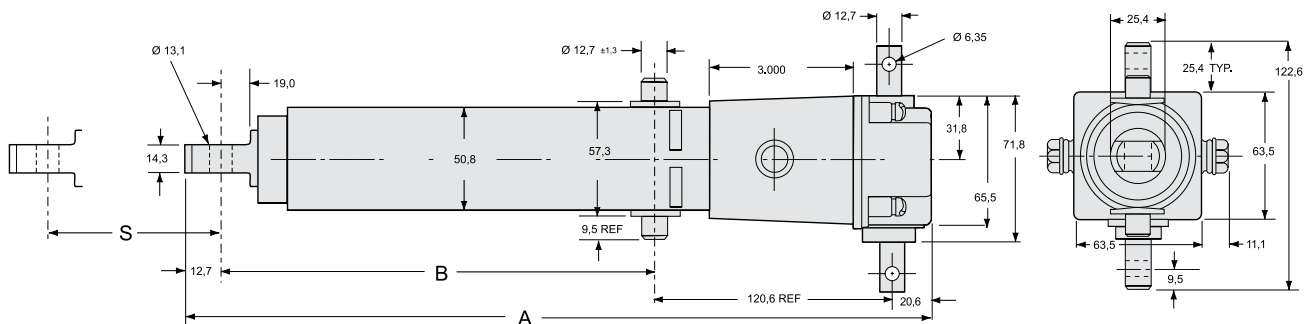
## General Specifications

Parameter	Electrak PPA-M
Screw type	ball
Internally restrained	no
Manual override	no*
Holding brake	yes
End of stroke protection	no
Mid stroke protection	no
Certificates	–
Options	protective bellows

\* Either of the two input shafts can be used for manual operation if both shafts are not connected to a motor or an intermediate shaft.

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S: stroke  
 A: retracted length  
 B: retracted length to trunnions

Stroke (S)	[inch (mm)]	4 (101,6)	8 (203,2)	12 (304,8)	18 (457,2)	24 (609,6)	36 (914,4)
Retracted length (A)	[mm]	375,9	477,5	579,1	782,3	934,7	1239,5
Retracted length to trunnions (B)	[mm]	223,5	325,1	426,7	629,9	782,3	1087,1
Weight	[kg]	3,4	4,2	4,8	6,1	7,3	9,7

## Synchronous Operation

Two or more PPA-M actuators can easily be mechanically linked for synchronous operation by using intermediate shafts. The intermediate shafts and necessary couplings are provided by the customer.

