Electrak® Non-driven Actuator PPA-M

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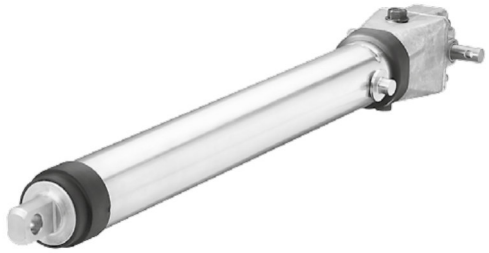
» Glossary - see page 85

Load up to 6670 N



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

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.

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

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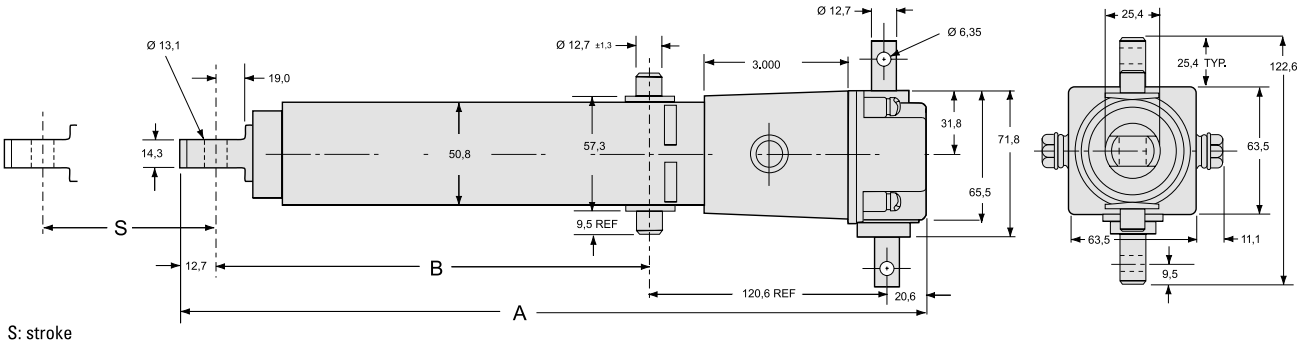

S: stroke
A: retracted length
B: retracted length to trunnions

Stroke (S)	**[mm]**	101,6	203,2	304,8	457,2	609,6	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.