

Linear Floor Slides - Tapered Chamber Transmit

AL-4710-1-TC

Our AL-4710-1TC floor slides are tailored for linear adjustment of the transmit antenna stage in tapered chamber applications. This model is compatible with AL-560-1P and AL-760-1P series polarization positioners and can support an additional load of up to 100 lbs (45 kg) from the transmit antenna assembly. Their rugged and straight-forward construction ensures maximum reliability and trouble-free operation.

Typically, the primary components include a modular aluminum structure, a bearing-based carriage, precise linear bearings, bumpers, a metal indicator scale, and mounting supports.

AL-4710-1-TC Manual – Back View



Applications

- Linear Motion of Transmit Antenna in Tapered Chambers

Product Highlights

- Reverse Inclined Mast
- Custom Lengths
- Vertical Loads Up to 350 lbs (160 kg)
- Precision Linear Bearings
- Rigid, Durable Mechanical Construction
- Low Deflection
- Hand-brake

Supplied accessories

Digital Documentation Set

User Manual (Installation, Setup, Operation)

■ Standard □ Optional

Specifications - AL-4710-1-TC-X Linear Floor Slide, Tapered Chamber Transmit

| PARAMETER | UNITS | POSITIONER MODEL | PARAMETER | UNITS | POSITIONER MODEL |
|-----------|-------|------------------|-----------|-------|------------------|
|-----------|-------|------------------|-----------|-------|------------------|



AL-4710-1-TC-X



AL-4710-1-TC-X

OPERATIONAL

| | | |
|-------------------------|--------|----------|
| Travel ⁽¹⁾ | ft | 2 to 10 |
| | m | 0.6 to 3 |
| Vertical Load | lbs | 350 |
| | kg | 160 |
| Fore-Aft Bending Moment | ft-lbs | 1,500 |
| | kg-m | 207 |
| Side Bending Moment | ft-lbs | 1,500 |
| | kg-m | 207 |

PHYSICAL

| | | |
|-----------------|-----|------------|
| Weight | lbs | 43/ft - 45 |
| | kg | 64/m - 20 |
| Width (approx.) | in | 27 |
| | mm | 680 |
| Height | in | 9.5 |
| | mm | 236 |

⁽¹⁾ For other linear travel ranges, please consult your MVG-Orbit/FR Sales or technical contact.



Contact your local sales representative for more information
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www.mvg-world.com/positioners