

Operating rod assembly

The simple and robust force transmission



Advantages

- Simple - quick and easy installation on metal poles
- Maintenance-free, no lubrication required
- Custom-fit - passive sideways offset by cranked push rod

Technical requirements	
Length	6 to 10m, in meter steps
Contact travel	up to 200mm (longest required stroke)
Adjustment (top)	ca. 1000mm (along top steel pipe)
Adjustment (bottom)	ca. 50mm
Maximum load	8000N (maximum force of the motor drives)
Load switching operation	ca. 3500N (pull/push, two-pole)
Operating temperatures	-30 to +40°C
Relative humidity	100%
Sunlight	1'000W/m ²
Altitude	1'000m above sea level
Icing	10mm
Pollution degree	PD4B
Wind speeds	34m/s
Mechanical life	10'000 cycles
Standard	EN 50152-2

Technical modifications reserved

Pipe guide

Optionally a pipe guide with rollers is available.



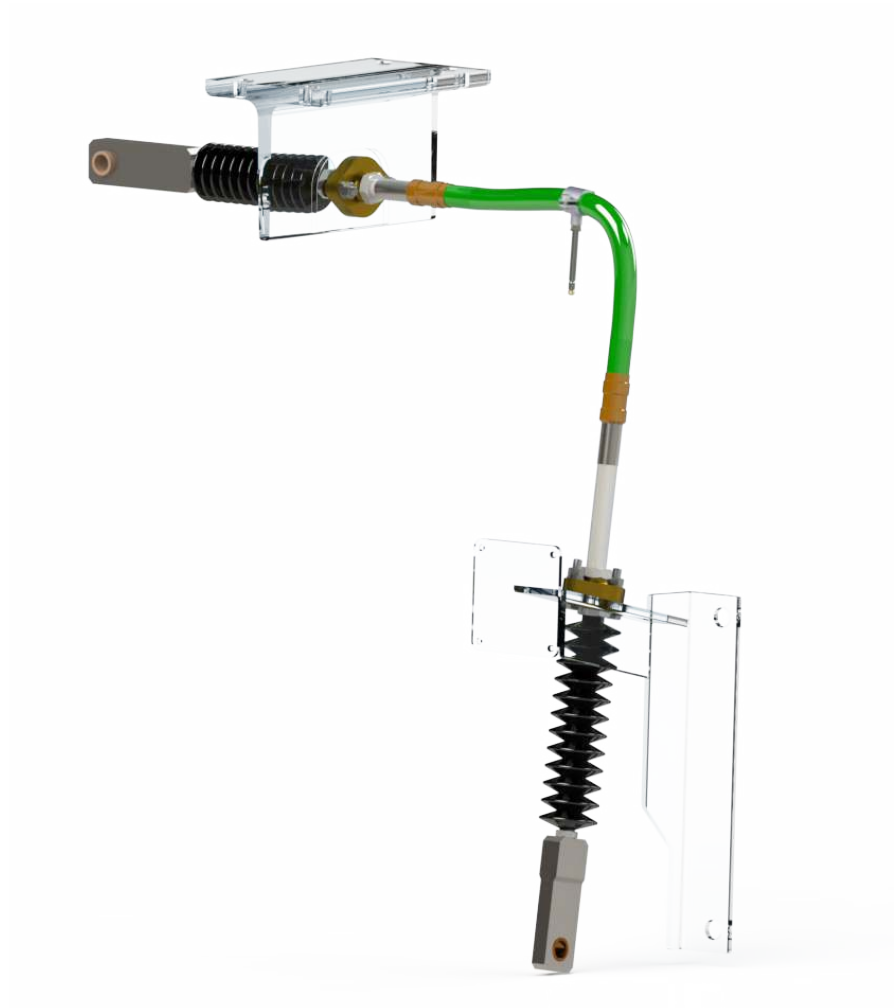
Transportation

Few items allow easy transportation.



Flexball®

The flexible force transmission



Advantages

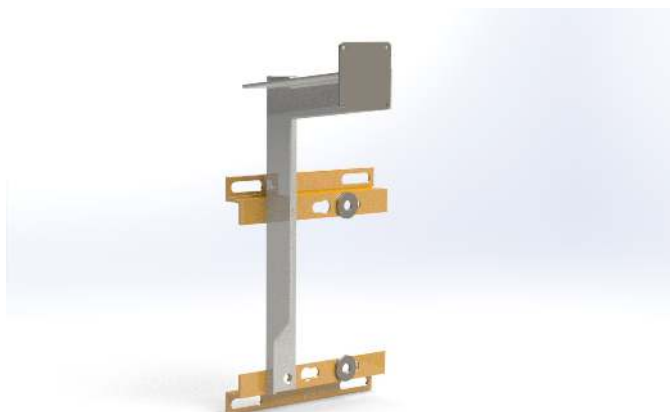
- Durability – stainless steel inner components
- Easy to use – convenient installation, also on uneven surfaces
- Maintenance-free – no maintenance or lubrication required
- Reliable – temperature-resistant and versatile
- Flexible – can be laid spatially on three levels (bending radii up to 180° in only one loop)

Technical specifications		
Efficiency	%	90 - 97
Maximum permissible load (tensile force)	N	10'000
Maximum permissible load (pressure force)	N	2'500
Minimum laying radius	mm	200
Elastic deformation per m at 100N load	mm	0.05
Temperature range	°C	-50 to +120

Technical modifications reserved

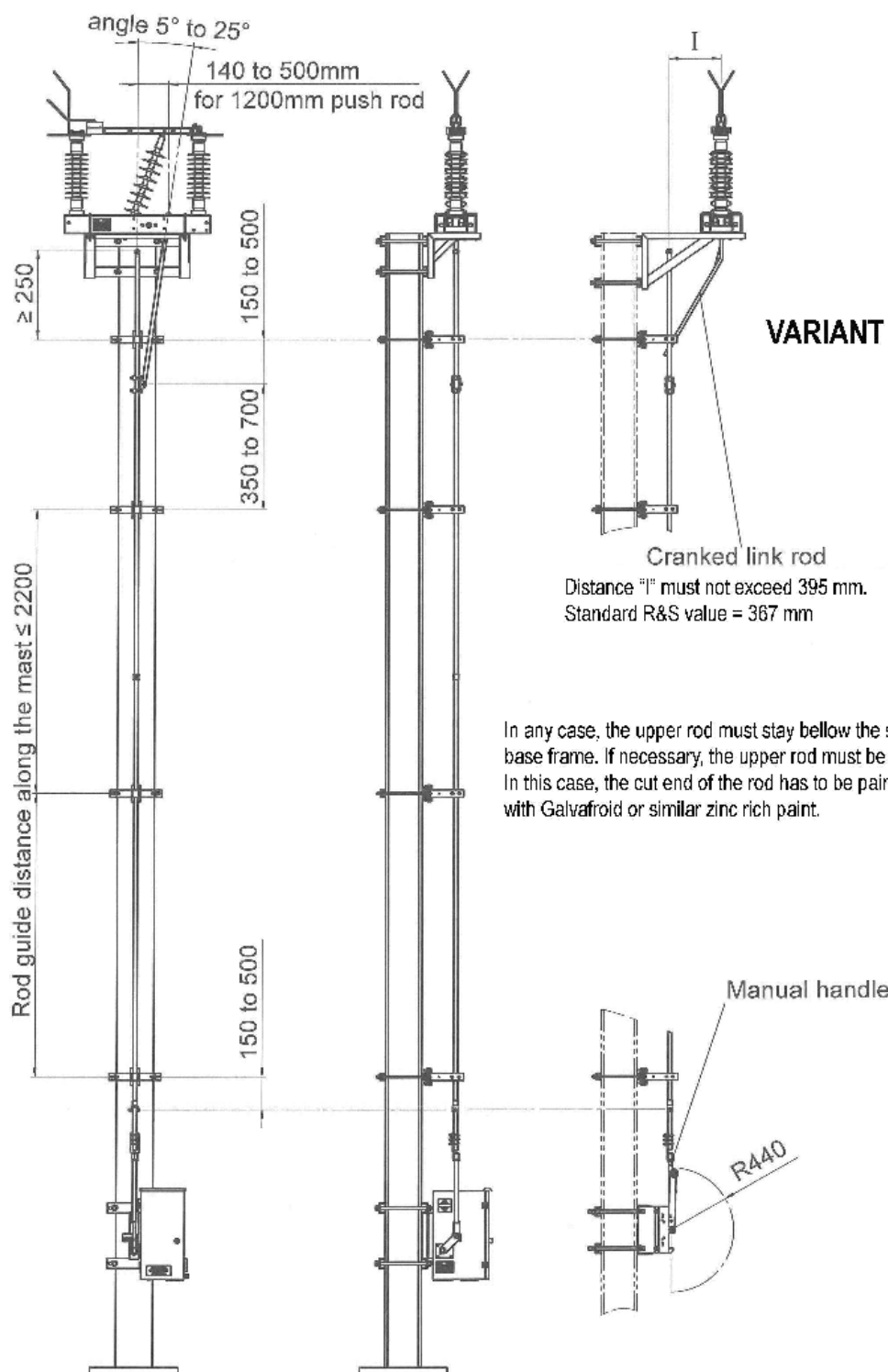


Brackets load-break switch FHV



Brackets motor drive MDR3

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