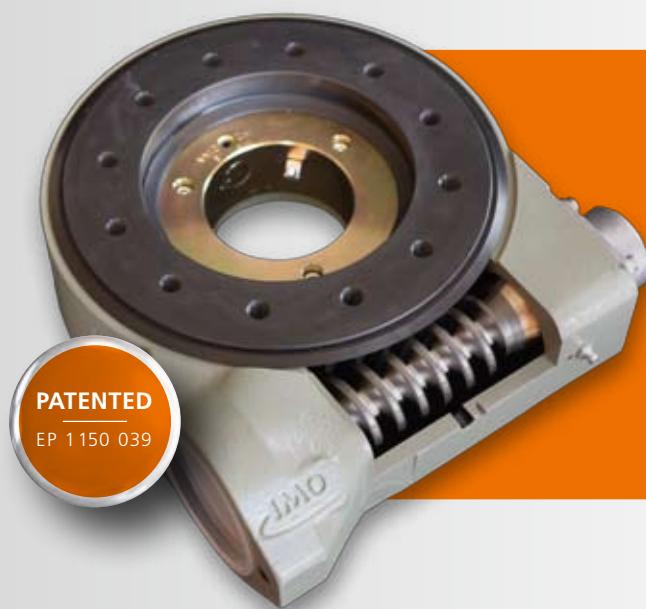




Follow me!

IMO Slew Drives – The easy way to track the sun

- complete system, ready-to-install
- reliable and proven IMO technology
- optimized corrosion, efficiently protected against atmospheric exposure
- simple integration



Data WD-LC 0156

module		5 m
number of starts of the worm		1
gear ratio		46
self locking gears		no
max. torque SFS=1	Md max	3,280 Nm
nom. torque SF=1 at n=1 rpm	Md	2,520 Nm
max. holding torque*	Mh	3,280 Nm
static load rating, radial	C0 rad	94 kN
static load rating, axial	C0 ax	253 kN
dynamic load rating, radial	C rad	83 kN
dynamic load rating, axial	C0 ax	97 kN
weight		approx. 35 kg

*incl. brake optional

The selection of the hydraulic/electric motor depends on the actual customer's requirements and specification.

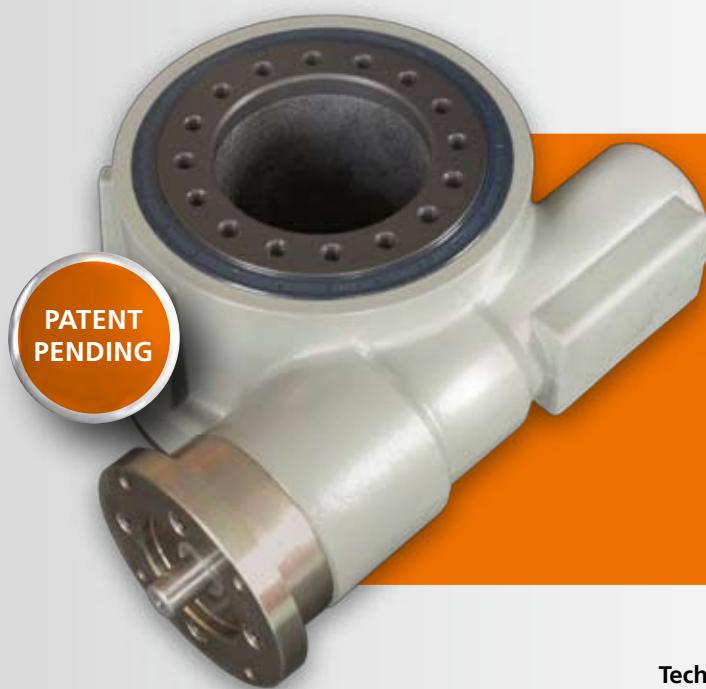
Technical features and advantages WD-LC 0156

- higher accuracy
- compact design
- proven quality
in serial production



Slew Drive for positioning applications with high accuracy requirements

- complete system, ready-to-install
- reliable and proven IMO technology
- optimized corrosion, efficiently protected against atmospheric exposure
- simple integration



Data WD-LB 0140

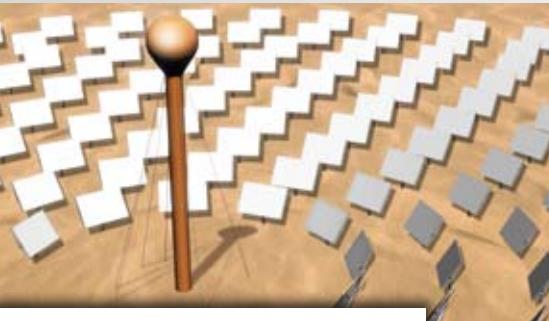
module		2 m
number of starts of the worm		1
gear ratio		60
self locking gears		yes
max. torque SFS=1	Md max	1,090 Nm
nom. torque SF=1 at n=1 rpm	Md	346 Nm
max. holding torque*	Mh	1,090 Nm
static load rating, radial	C0 rad	33 kN
static load rating, axial	C0 ax	88 kN
dynamic load rating, radial	C rad	47 kN
dynamic load rating, axial	C0 ax	47 kN
weight		approx. 20 kg

*incl. brake optional

The selection of the hydraulic/electric motor depends on the actual customer's requirements and specification.

Technical features and advantages WD-LB 0140

- **angular ball bearing in O-configuration**
 - high stiffness
 - adjustable position between wheel and worm → optimized tooth contact pattern
 - low starting torque compared to a four point bearing
- **adjustable clearance of the worm**
 - very low backlash (< 1,5 arcmin)
- **designed for application in desert areas**
- **compact design with high stiffness**
- **hollow pipe for electric wiring and hydraulic lines**



Solar Tower Technology

Parabolic Trough Technology

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