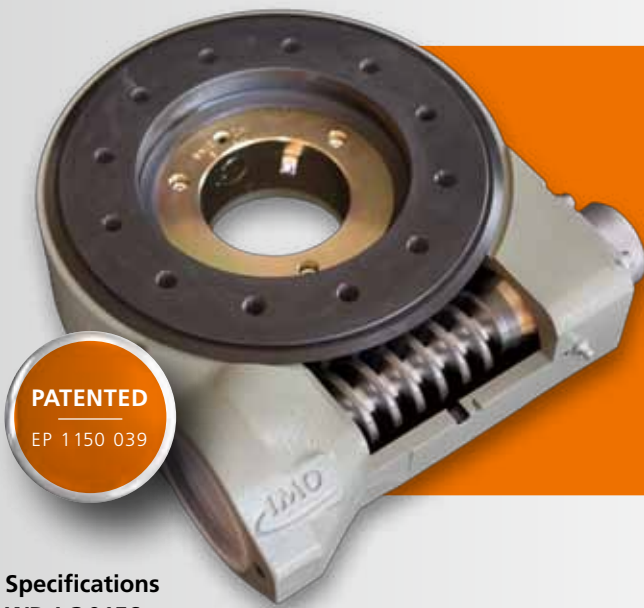




# Follow me!

## IMO Slew Drives – The easy way to track the sun

- complete system, ready-to-install
- reliable and proven IMO technology
- efficient protection against corrosion and environmental conditions
- easy to integrate



## IMO Slew Drive WD-LC 0156

**PATENTED**

EP 1 150 039

### Specifications WD-LC 0156

module		5
number of starts of the worm		1
gear ratio		46
self locking gears		no
max. torque SFS=1	Md <sub>max</sub>	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 <sub>rad</sub>	94 kN
static load rating, axial	C0 <sub>ax</sub>	253 kN
dynamic load rating, radial	C <sub>rad</sub>	83 kN
dynamic load rating, axial	C0 <sub>ax</sub>	97 kN
weight		approx. 35 kg

### Technical features and advantages WD-LC 0156

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

\*brake optional

The selection of the hydraulic/electric motors is depending on the actual customer's requirements and specification.



**Photovoltaic Trackers**

[www.imo.de](http://www.imo.de)

## Slew Drive for positioning applications with high accuracy requirements

- complete system, ready-to-install
- reliable and proven IMO technology
- efficient protection against corrosion and environmental conditions
- easy to integrate



## IMO Slew Drive WD-LB 0140

### Specifications WD-LB 0140

module		2
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

\*brake optional

The selection of the hydraulic/electric motors is depending 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 in comparison 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**
- **large hollow shaft for electric wiring and hydraulic lines**

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