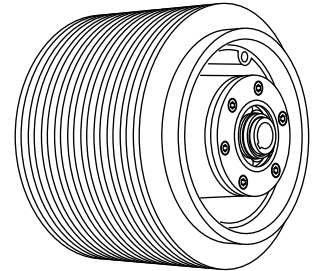


# Torque limiters

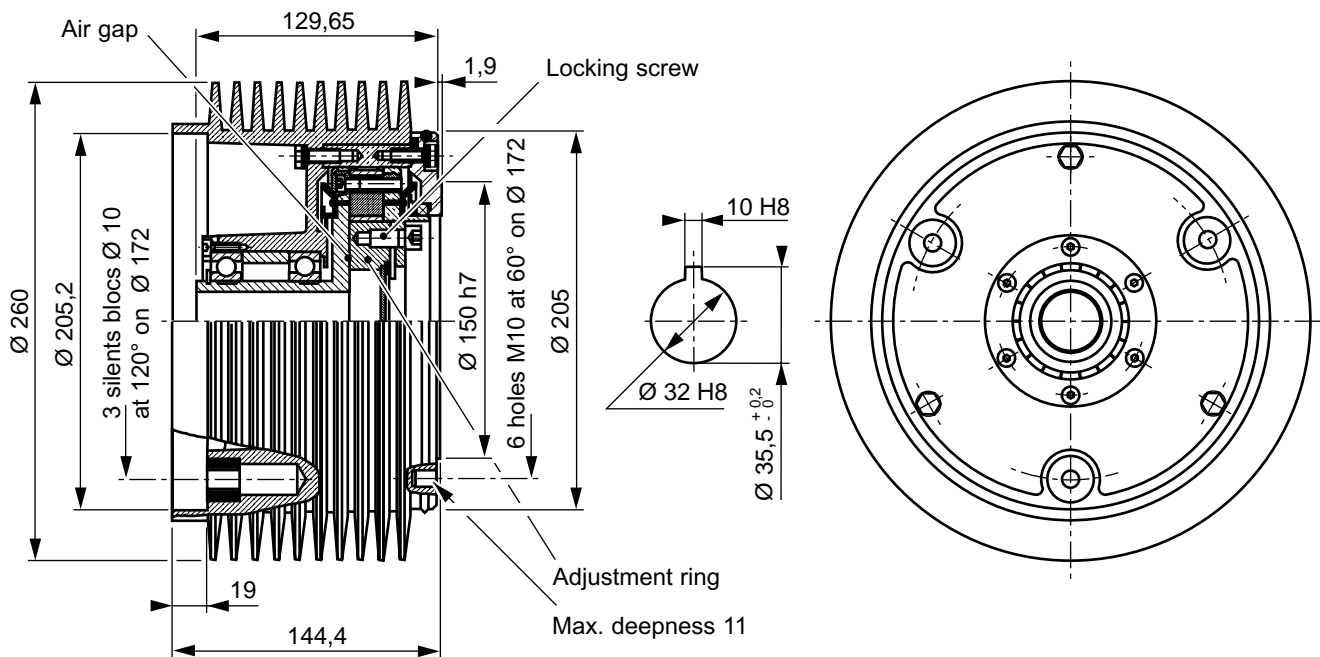
## Specifications

Type		LC 150	LC 300	LC 500	LC 700
Transmission torque (N.m)	Mini	5	15	25	30
	Maxi	15	40	65	85
(ft.lbf)	Min	<b>3.8</b>	<b>11.4</b>	<b>19</b>	<b>22.8</b>
	Max	<b>11.4</b>	<b>30.4</b>	<b>49.4</b>	<b>64</b>
Internal rotor inertia		23.10 <sup>-3</sup> Kg.m <sup>2</sup>		<b>lb.ft<sup>2</sup></b>	<b>534.10<sup>-3</sup></b>
External rotor inertia		120.10 <sup>-3</sup> Kg.m <sup>2</sup>		<b>lb.ft<sup>2</sup></b>	<b>2.8</b>
Weight		13 kg		<b>lb</b>	<b>28.6</b>
Heat dissipation (W)*				500	

LC 150 ref: 806.208.01  
 LC 300 ref: 806.208.02  
 LC 500 ref: 806.208.03  
 LC 700 ref: 806.208.04



\* Heat dissipation is the mechanical power ( $P = cw$ ) maximum allowable.



## Utilization

- Mounting must be made without any stress.  
Lubricated for life (other internal lubrication not allowed).
- The transmission torque can be adjusted with an adjustment ring which is immobilized by a locking screw (zero air gap = minimal coupling)
- The standard device is designed for horizontal and vertical shaft orientation,
- In normal use, the outside temperature of the device can increase up to 100°C, without damage.

## Safety

- If the device is to be used in dusty, humid or corrosive environment, special protection needs to be considered.

## Maintenance

- Our After Sales service is at your disposal for maintenance servicing:  
**MEROBEL Inc.** after sales  
 1705 Valley Road  
 Wanamassa, NJ 07712  
 Ph : 732 493 3232  
 Fax: 732 493 2949
- The mechanical mounting of this type of limiter forbids any dismantling by the user.

## Recommended mounting principles

