



KONI 04 TYPE DAMPERS

Our Endurance Line dampers are designed for at least 25 years of operation. These extremely robust products wear at a very slow rate and can easily be adjusted and reconditioned to new conditions; giving the dampers an extended lifetime. The circulating oil principle guarantees unmatched symmetrical damping forces and provides for an excellent heat transfer between damper and surrounding air, allowing them to operate in the most extreme conditions. The design is optimized to achieve the highest possible dependability while allowing the longest time between consecutive overhauls.

04 Type	Standard Specifications	
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GENERAL

Maintainability	Maintainable	
Durability	≥ 1,2 million km per service interval	
Adjustability	Adjustable	
Attachment Types	Eye with silentbloc	
Unique Features	<ul style="list-style-type: none"> - Secured service life - Symmetrical force - Fully customizable characteristic (Force rate & Blow-off) - Low-noise 	
Temperature Range (according to EN13802)	-40°C	+70°C
Available Options	Arctic Pack (-50°C)	Desert Pack

PRIMARY VERTICAL DAMPER

Max. Damping Force	17 kN @ 0.1 m/s	25 kN @ 0.5 m/s
Max. Damping Rate	1000 [kNs/m]	
Maximum Angle to Vertical	45°	

SECONDARY VERTICAL DAMPER

Max. Damping Force	17 kN @ 0.1 m/s	25 kN @ 0.3 m/s
Max. Damping Rate	1000 [kNs/m]	
Maximum Angle to Vertical	45°	

SECONDARY HORIZONTAL DAMPER + YAW DAMPER

Max. Damping Force	17 kN @ 0.01 m/s	25 kN @ 0.1 m/s
Max. Damping Rate	1000 [kNs/m]	
Minimum Angle to Horizontal	1°	

MAXIMUM STATIC TENSILE LOAD

With Mechanical Rebound	70 [kN]
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MAIN DIMENSIONS

Diameter of Dust Cover	Ø 120 mm
Diameter of Reservoir Tube	Ø 108 mm

Apart from these standard specifications, KONI is always able to custom engineer dampers based on the customers' requirements.

