



KONI 02 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.

02 Type	Standard Specifications	
GENERAL		
Maintainability	Maintainable	
Durability	≥ 1,2 million km per service interval	
Adjustability	Adjustable	
Attachment Types	Eye with silentbloc and/or stem with rubber pad	
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	12 kN @ 0.1 m/s	15 kN @ 0.5 m/s
Max. Damping Rate	600 [kNs/m]	
Maximum Angle to Vertical	45°	
SECONDARY VERTICAL DAMPER		
Max. Damping Force	12 kN @ 0.1 m/s	15 kN @ 0.3 m/s
Max. Damping Rate	600 [kNs/m]	
Maximum Angle to Vertical	45°	
SECONDARY HORIZONTAL DAMPER + YAW DAMPER		
Max. Damping Force	12 kN @ 0.1 m/s	15 kN @ 0.3 m/s
Max. Damping Rate	600 [kNs/m]	
Minimum Angle to Horizontal	1°	
MAXIMUM STATIC TENSILE LOAD		
With Mechanical Rebound	50 [kN]	
MAIN DIMENSIONS		
Diameter of Dust Cover	Ø 102 mm	
Diameter of Reservoir Tube	Ø 89 mm	

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

