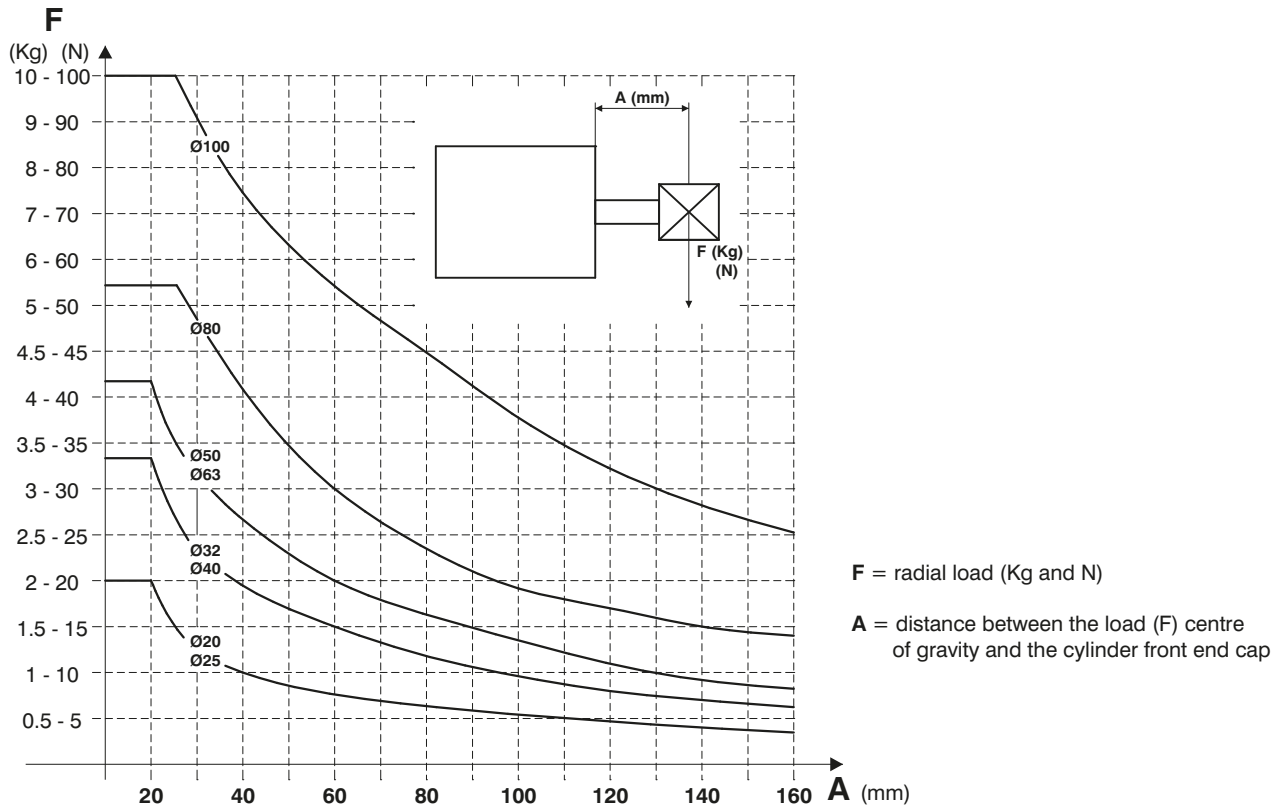
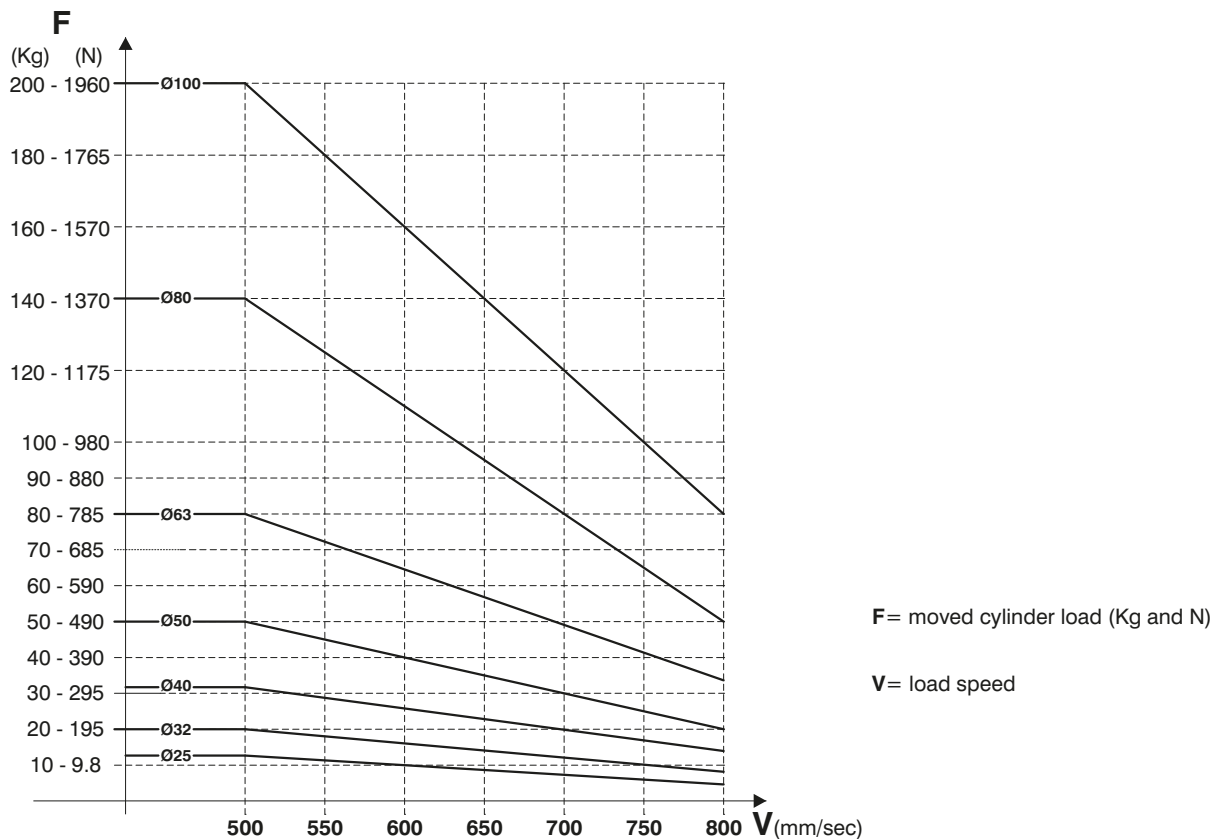


Admissible maximum radial load diagram



The diagram shows the maximum Radial load F (in Newtons) that can be applied to the cylinder piston rod as a function of the distance A (in mm); based upon the standard version cylinder under static conditions

End of stroke cushioning capacity diagram



The diagram shows, for each diameter, the safety curves relative to the maximum loads which can be moved by the cylinder in function of its speed V . The data has been calculated under the following test conditions: Cylinder mounted vertically with the rod pointing down, air pressure at 5 bar and with a guided load. Important: Do not exceed the recommended values in the table as reduced life or damage to the cylinder may result.



Series 1200, Special performance microbore cylinders

General

These microbore cylinders are not subject to a standard; they are single acting with a front spring, can be either hexagonal or round bodied and either completely threaded or threaded with a plain rod ending. They are available with M5 connections or with incorporated quick fittings.

Construction characteristics

Body	nickel-plated brass
Rod / piston	stainless steel (C43 chromed)
Rod bushing	brass
Spring	stainless steel
Seal	NBR

Technical characteristics

Fluid	Filtered air. No lubrication needed, if applied it shall be continuous.
Pressure	min. 3 bar - max. 7 bar
Temperature	min. -5°C - max. +70°C

"Attention: Dry air must be used for application below 0°C"