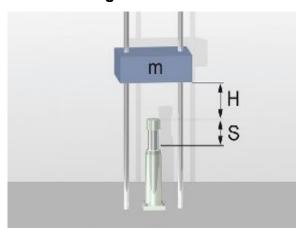
Weforma

A. Free falling mass



Characteristics

Energy absorption

max. 800.000 Nm

Extended Life Time

Piston rod: hardened / hard chrome-plated

Special seals + oils **Surface protection**

Housing zinc plated / painted

Deceleration Customer specific

Temperature range -20°C - +80°C / opt.: -40°C - +100°C

RoHS compliant

Directive 2002/95/EC

Applications

Automated warehouses, Stacker cranes, Cranes

Special Calculation

Customer Data

3500.00 kg Mass m: Height H: 5.55 m Strokes per hour X:

No. of parallel shock 2 n: absorbers

S: Stroke 800 mm

Selection

Heavy-duty shock absorber

LDS-80-800-V-FH-N-M-xxxx Model

Company Impexron Project 401463 Article number LDS80800 Rate of utilization/stroke 55.1 Rate of utilization/h 1.8 Stroke 800 mm Total length hor. 2043.00 mm Total length vert. 2043.00 mm Kinetic energy per stroke 95279.62 Nm Propelling energy p. stroke: 13734.00 Nm Total energy per stroke 109013.62Nm Total energy per hour 109013.62Nm Effective mass 2002.25 Counterforce 163520.44N Deceleration time 0.18 sec Deceleration rate 81.67 m/s² Impact speed 10.44 m/s Return spring force min 0.00 Ν Return spring force max 0.00 Ν

Indoor application (no humidity)

- Piston rod: chrome plated, hardened
- Housing: zinc plated
- Seal bushing from high strength aluminium

Standard seal

Technical data per shock absorber (+ 20° C ambient temperature)

Accessories

Article number

L8014

L80-11 L8027 N2 - Proximity swith with plug Stop cap - PU L8017AV L80-B1000 Protection bellow

Enlarged stop cap FV- Square flange, front; FH- Square flange, rear L80M M - Outdoor version

L80-XXXSC L8015 FB - Foot mounting SC - Security chain (XXX = stroke) L8016 SB - Clevis mounting LD80HT HT - High temperature seals incl. oil L80SA Metal Wiper LD80LT NT - Low temperature seals incl. oil

L8026 N - Proximity switch with cable

Warranty claims for calculated and selected products are only accepted after written confirmation of the selection.