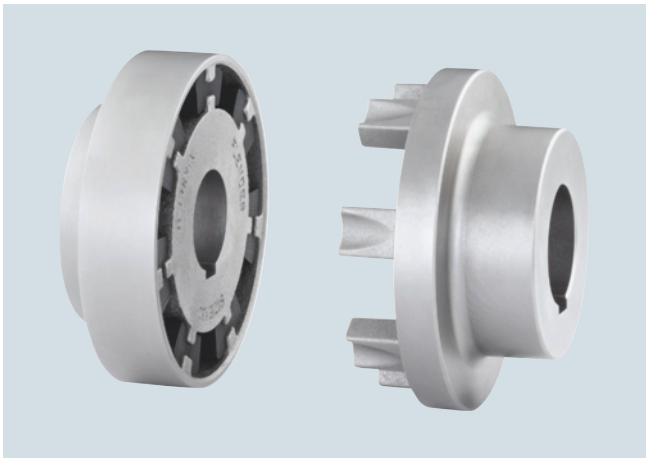
# Flexible Couplings
# N-EUPEX Series

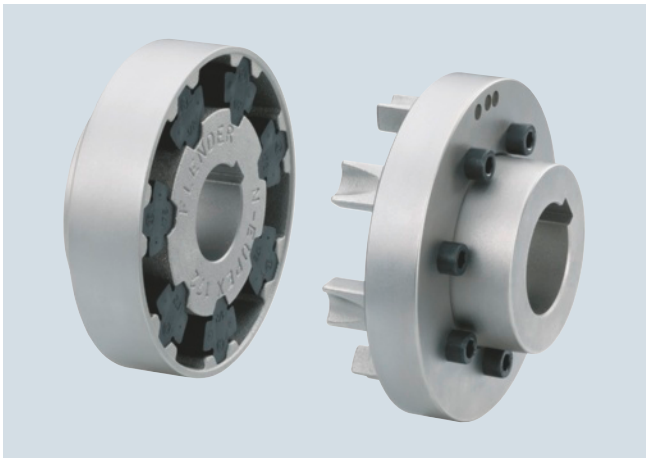
7

## General information

### Overview



N-EUPEX as overload-holding, fail-safe series



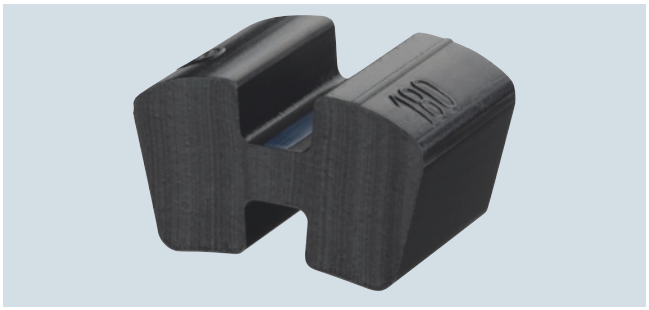
N-EUPEX DS as overload-shedding, non-fail-safe series

N-EUPEX and N-EUPEX DS pin couplings connect machines. They compensate for shaft misalignment, generating only low restorative forces.

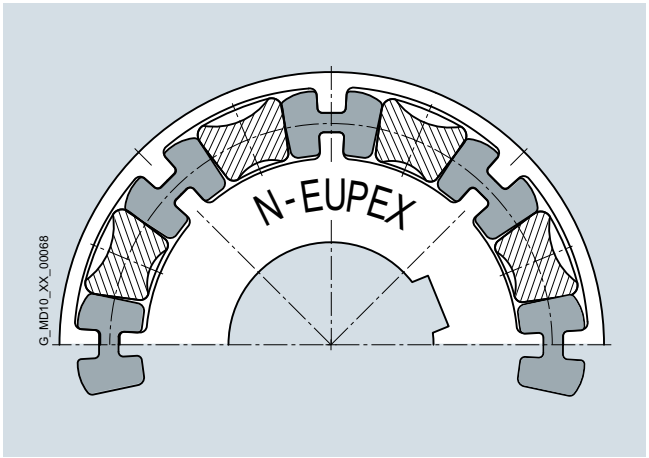
The torque is conducted through elastomer flexibles, so the coupling has typically flexible rubber properties.

N-EUPEX couplings are overload-holding. By contrast, the N-EUPEX DS series is designed so that overload or advanced wear causes irreparable damage to the elastomer flexibles. The metal parts of N-EUPEX DS couplings can then rotate freely against one another without contact.

Elastomer flexible of the N-EUPEX series

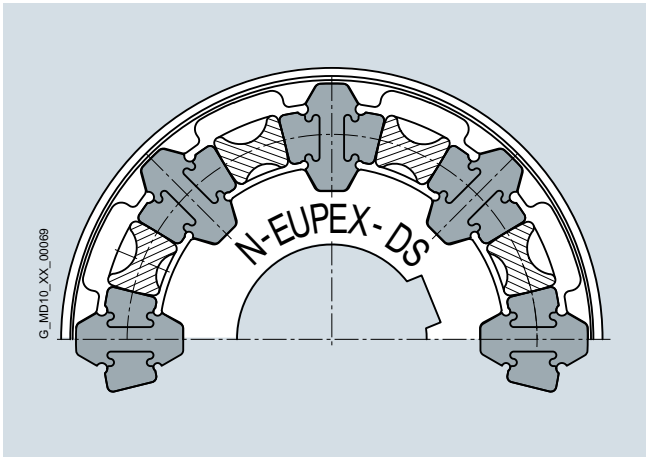


The flexibles of the N-EUPEX coupling are subjected to compression. If the flexibles are irreparably damaged, the hub parts come into contact with metal. This "emergency operation capability" is required, e.g., in the case of fire pump drives.




Elastomer flexible of the N-EUPEX DS series

The flexibles of the N-EUPEX DS series are subjected to compression and bending forces. If the flexibles are irreparably damaged, the metal parts turn against one another without contact, and the power transmission is separated. Fitting new flexibles will make the coupling once more usable.
The capacity of the N-EUPEX DS series to shed overloads is especially in demand for highly sensitive machines.



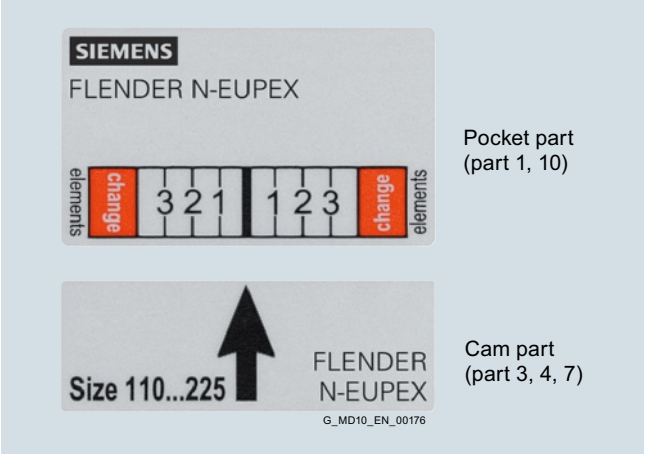
## Benefits

N-EUPEX couplings are designed on the modular principle and have a very simple construction. N-EUPEX types are made up of subassemblies to suit requirements. The couplings are assembled by simply fitting the coupling halves together. Wear is restricted to the elastomer flexibles, which must be replaced at the end of their service life.
Depending on type, the elastomer flexibles can be changed without moving the coupled machines.
The coupling parts are readily available from stock and are mostly finish-machined, i.e. with finished bore, keyway, set screw and balancing.

Optionally:

The wear indicator for N-EUPEX couplings enables the condition of the flexible to be easily assessed. The wear condition can also be ascertained with the aid of a stroboscope while the coupling is rotating. The production process can thus continue undisturbed.

If the stroboscope is to be used in a potentially explosive environment, you can enquire about the equipment for this at Siemens.




The wear indicator must be attached to the outside diameter of the coupling after the coupling has been fitted.

## Application

The N-EUPEX coupling is available as a catalog standard in 23 sizes with a rated torque of between 19 Nm and 62000 Nm. The coupling is suitable for use at ambient temperatures of between -30 °C and +80 °C. By using alternative elastomer buffers, the permissible ambient temperature range can be extended to between -50 °C and +100 °C.

Frequently, the coupling is used to connect the motor to the gear unit input shaft. The coupling is suitable especially for drives with uniform to average dynamic loads. Examples of applications are pump drives, ventilator drives or crane running gear. Furthermore, N-EUPEX couplings can be used as add-on couplings, particularly on FLUDEX fluid couplings or ARPEX AKR safety couplings. In the case of drives with a diesel engine, N-EUPEX couplings are suitable for driven machines with a low mass moment of inertia.

In the case of diesel engine drives, the actual dynamic coupling load should be checked by measurement or torsional vibration calculations.

**Coupling suitable for use in potentially explosive atmospheres.**
**Complies with the current ATEX Directive for:**

CE Ex II 2 G T4 / T5 / T6 D120 °C
-30 °C ≤ $T_a$ ≤ +80 °C / +50 °C / +40 °C

CE Ex I M2

## Function

The motor torque is transmitted to the hub at the drive end via the shaft-hub connection, which is mostly designed as a keyway connection. The torque is transmitted to the hub on the output side with the aid of elastomer flexibles. The hub on the output side further transmits the torque to the driven machine or a gear unit placed in between. Because of the primarily compression-loaded elastomer flexibles, the coupling has a progressive torsional stiffness.

In the case of the N-EUPEX DS coupling series, the elastomer flexible is subjected to bending and compression loads. In the event of overload or advanced wear, the coupling disconnects positively and the flexibles are irreparably damaged. The metal parts then rotate without touching one another. After new elastomer flexibles are fitted, the N-EUPEX DS coupling is once more operable.

N-EUPEX DS couplings are maintenance-free, even in potentially explosive environments, so long as the possible torque interruption does not lead to an unacceptable disruption of the production process.

## General information

### Design

N-EUPEX and N-EUPEX DS couplings consist of two hub parts mounted on the machine shafts. The coupling parts are connected positively by means of elastomer flexibles. On the two-part variant, the elastomer flexibles can be changed only if one of the coupled machines is moved. On the three-part variants, the bolted cam ring can be released and moved to enable the flexible to be changed without moving the coupled machines.

***Materials***

Cam parts, pocket parts, adapters and hubs

Grey cast iron EN-GJL-250

Flexible materials

- N-EUPEX series

| Material/description | Hardness | Identification | Ambient temperature |
|---|---|---|---|
| **NBR standard type** | **80 ShoreA** | **Flexible black with blue stripe** | **-30 °C … +80 °C** |
| NBR electrically insulating | 80 ShoreA | Flexible green | -30 °C … +80 °C |
| NBR soft | 65 ShoreA | Flexible black with green stripe | -30 °C … +80 °C |
| NBR hard | 90 ShoreA | Flexible black with magenta stripe | -30 °C … +80 °C |
| NBR normal low-backlash | 80 ShoreA | Flexible black with yellow stripe | -30 °C … +80 °C |
| NBR soft low-backlash | 65 ShoreA | Flexible black with white stripe | -30 °C … +80 °C |
| NR for low temperature | 80 ShoreA | Flexible black with orange stripe | -50 °C … +50 °C |
| HNBR high temperature | 80 ShoreA | Flexible black with red stripe | -10 °C … +100 °C |

- N-EUPEX DS series

| Material/description | Hardness | Identification | Ambient temperature |
|---|---|---|---|
| **NBR compound flexibles for sizes 66 … 272** | **80/90 ShoreA 2 components** | **Flexible black** | **-30 °C … +80 °C** |
| **NBR hard for sizes 305 ... 556** | **90 ShoreA** | **Flexible black** | **-30 °C … +80 °C** |
| PU electrically insulating | 95 ShoreA | Flexible blue | -30 °C … +50 °C |

PU elastomer flexibles in special design on request.

The technical data and article numbers do not include the flexible variants NBR low-backlash, HNBR high temperature and NR low temperature and the DS flexibles polyurethane electrically insulating.

Technical data, prices and article numbers on request.

Brake disks

EN-GJS-400 spheroidal graphite cast iron or S355J2G3 steel

Brake drums

Grey cast iron EN-GJL-250

Low-temperature application

Shock loads in the drive caused by e.g. starting of drives with large masses to be accelerated (e.g. in fan drives) result in high component loads, particularly at low temperatures.
For such applications a particularly robust coupling series must be selected. Of the flexible couplings, the RUPEX pin-and-bush coupling is especially suited for this.

***Types of N-EUPEX pin coupling***

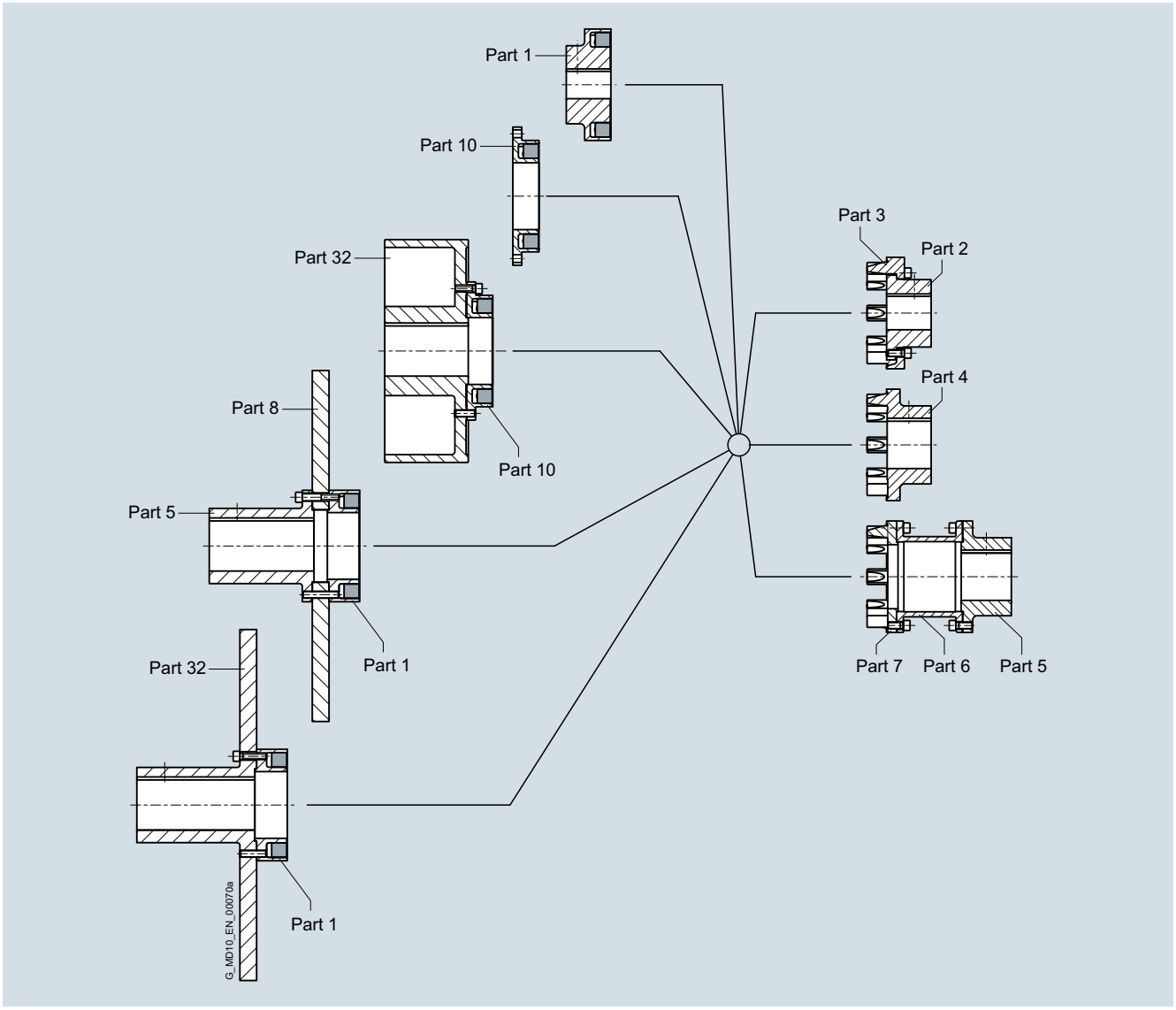
| Type | Description |
|---|---|
| A | Fail-safe, 3-part |
| B | Fail-safe, 2-part |
| D | Fail-safe, 3-part, flange variant |
| E | Fail-safe, 2-part, flange variant |
| H | Fail-safe, with adapter |
| O | Fail-safe, 2-part, with brake drum |
| P | Fail-safe, 3-part, with brake drum |
| EBD | Fail-safe, 2-part, with brake disk |
| DBD | Fail-safe, 3-part, with brake disk |
| DBDR | Fail-safe, 3-part, with brake disk, brake disk radially dismountable |
| ADS | Non-fail-safe, 3-part |
| BDS | Non-fail-safe, 2-part |
| HDS | Non-fail-safe, with adapter |

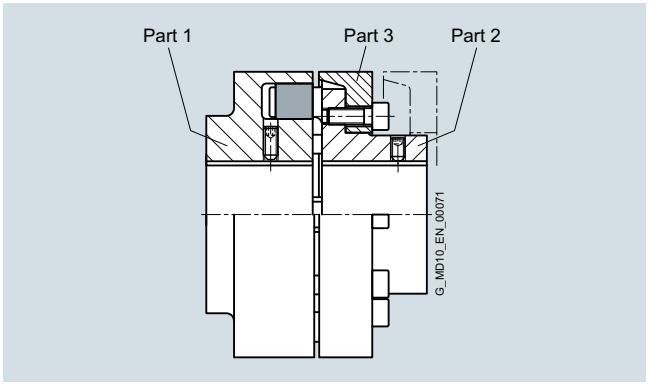
Further application-related coupling types are available. Dimension sheets for and information on these are available on request.

***Types of N-EUPEX pin coupling on request***

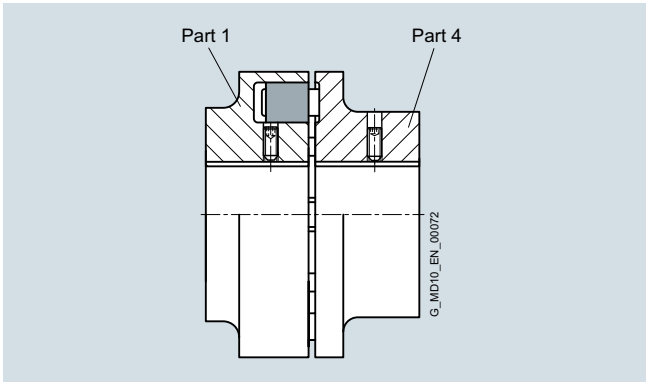
| Type | Description |
|---|---|
| AT | Fail-safe, 3-part, with Taper clamping bush |
| BT | Fail-safe, 2-part, with Taper clamping bush |
| G | Fail-safe, 2-part, with intermediate shaft |
| F | Fail-safe, 3-part, with intermediate shaft |
| K | Fail-safe, 3-part, with brake drum to customer's requirement |
| L | Fail-safe, 2-part, with brake drum to customer's requirement |
| M | Fail-safe, 2-part, with flange dimensions to SAE J620d |

***Modular principle of N-EUPEX types***



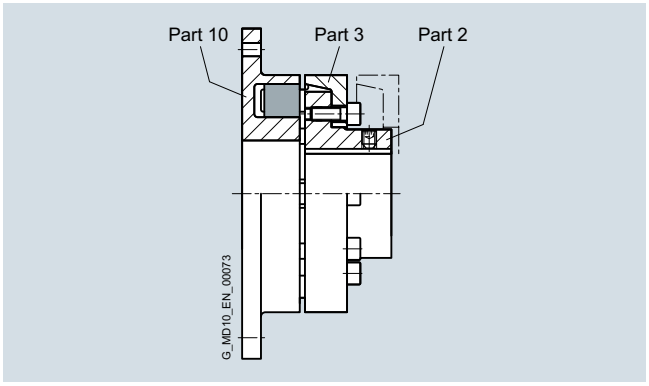




Types A and ADS

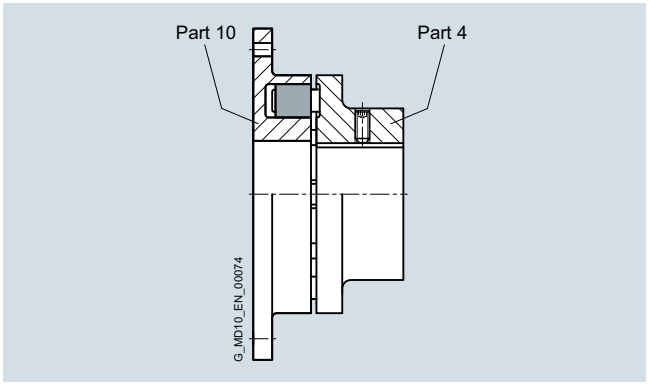



Types B and BDS

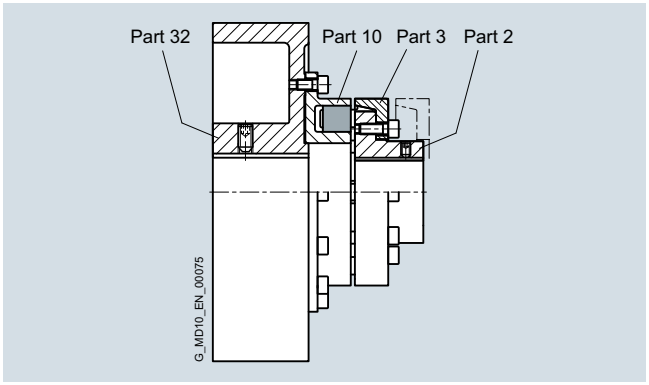
## General information



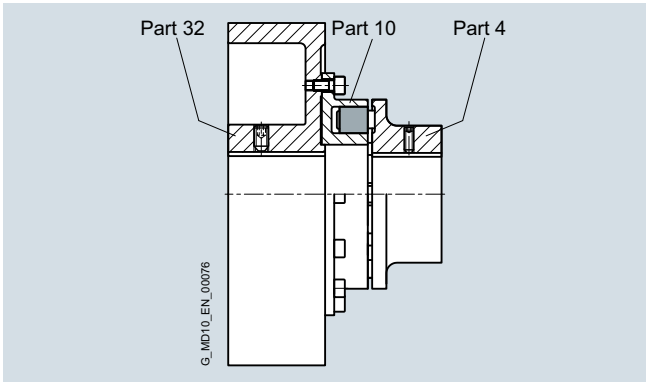

Type D



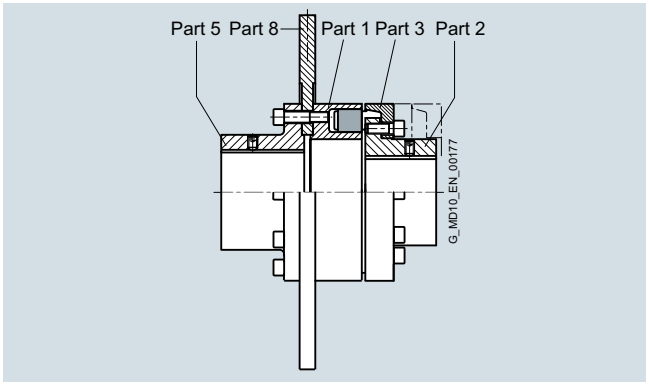

Type E



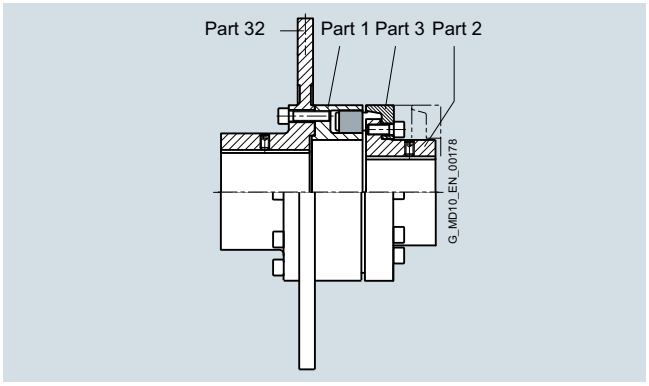

Type P



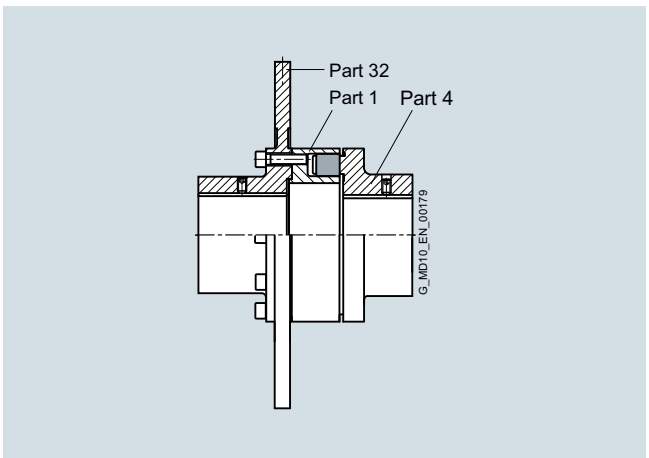

Type O



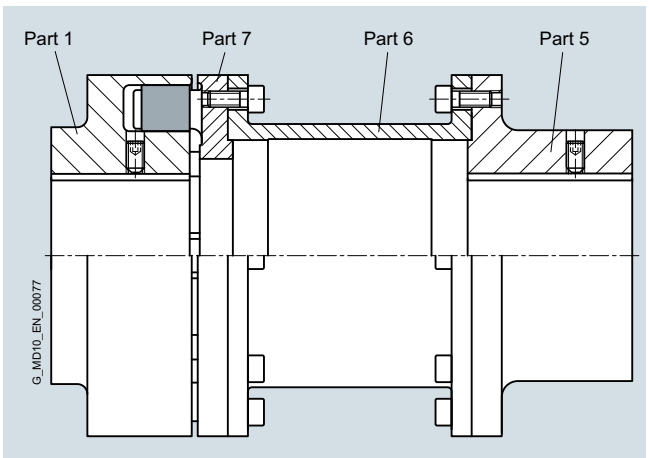

Type DBDR




Type DBD




Type EBD




Types H and HDS

Further application-related coupling types are available. Dimension sheets for and information on these are available on request.

## Technical data

### *Power ratings of the N-EUPEX series*

| Size | Rated torque for flexible type | | | Torsional stiffness at 50 % capacity utilization for flexible type | | | Assembly | Permitted shaft misalignment at $n$ = 1500 rpm [1] | |
|---|---|---|---|---|---|---|---|---|---|
| | 65 ShoreA | **80 ShoreA** | 90 ShoreA | 65 ShoreA | **80 ShoreA** | 90 ShoreA | Gap dimension [2] | Radial | Angle |
| | $T_{KN}$ | $T_{KN}$ | $T_{KN}$ | $C_{Tdyn\ 50\ \%}$ | $C_{Tdyn\ 50\ \%}$ | $C_{Tdyn\ 50\ \%}$ | $\Delta S$ | $\Delta K_r$ | $\Delta K_w$ |
| | Nm | Nm | Nm | kNm/rad | kNm/rad | kNm/rad | mm | mm | ° |
| **58** | 11 | **19** | 19 | 0.21 | **0.50** | 0.93 | 1.0 | 0.2 | 0.15 |
| **68** | 21 | **34** | 34 | 0.39 | **0.90** | 1.80 | 1.0 | 0.2 | 0.15 |
| **80** | 37 | **60** | 60 | 1.05 | **2.40** | 4.50 | 1.0 | 0.2 | 0.12 |
| **95** | 63 | **100** | 100 | 1.64 | **4.00** | 7.40 | 1.0 | 0.2 | 0.12 |
| **110** | 100 | **160** | 160 | 2.49 | **6.00** | 11.4 | 1.0 | 0.2 | 0.10 |
| **125** | 150 | **240** | 240 | 3.70 | **9.00** | 17 | 1.0 | 0.25 | 0.10 |
| **140** | 230 | **360** | 360 | 5.60 | **13.2** | 25 | 1.0 | 0.25 | 0.10 |
| **160** | 350 | **560** | 560 | 11.2 | **26.7** | 51 | 2.0 | 0.3 | 0.10 |
| **180** | 550 | **880** | 880 | 19.2 | **46** | 88 | 2.0 | 0.3 | 0.10 |
| **200** | 850 | **1340** | 1340 | 31.6 | **75** | 139 | 2.0 | 0.3 | 0.09 |
| **225** | 1260 | **2000** | 2000 | 48 | **115** | 212 | 2.0 | 0.35 | 0.09 |
| **250** | 1760 | **2800** | 2800 | 68 | **162** | 302 | 2.5 | 0.35 | 0.08 |
| **280** | 2460 | **3900** | 3900 | 95 | **226** | 420 | 2.5 | 0.4 | 0.08 |
| **315** | 3500 | **5500** | 5500 | 171 | **370** | 730 | 2.5 | 0.4 | 0.08 |
| **350** | 4850 | **7700** | 7700 | 235 | **520** | 950 | 2.5 | 0.5 | 0.08 |
| **400** | 6500 | **10300** | 10300 | 316 | **750** | 1420 | 2.5 | 0.5 | 0.08 |
| **440** | 8500 | **13500** | 13500 | 390 | **930** | 1920 | 2.5 | 0.6 | 0.08 |
| **480** | 10500 | **16600** | 16600 | 510 | **1200** | 2300 | 2.5 | 0.6 | 0.07 |
| **520** | 13300 | **21200** | 21200 | 600 | **1410** | 2710 | 2.5 | 0.65 | 0.07 |
| **560** | 18300 | **29000** | 29000 | 1000 | **2340** | 4400 | 3.0 | 0.65 | 0.07 |
| **610** | 24000 | **38000** | 38000 | 1300 | **3030** | 5700 | 3.0 | 0.75 | 0.07 |
| **660** | 30900 | **49000** | 49000 | 1640 | **3800** | 7100 | 3.0 | 0.8 | 0.07 |
| **710** | 39000 | **62000** | 62000 | 2140 | **4900** | 9100 | 3.0 | 0.9 | 0.07 |

For maximum coupling torque:
$T_{Kmax} = 3.0 \cdot T_{KN}$

For coupling overload torque:
$T_{KOL} = 3.5 \cdot T_{KN}$

For coupling fatigue torque: $T_{KW} = 0.15 \cdot T_{KN}$, where $T_N > T_W$ must be adhered to.

Torsional stiffness and damping

The values stated in the above table apply to a capacity utilization of 50 %, an excitation amplitude of 10 % $T_{KN}$ with the frequency 10 Hz and an ambient temperature of 20 °C. Dynamic torsional stiffness is dependent on load and increases in proportion to capacity utilization. The following table shows the correction factors for different nominal loads.

$C_{Tdyn} = C_{Tdyn\ 50\ \%} \cdot FKC$

| | Capacity utilization $T_N / T_{KN}$ | | | | | | |
|---|---|---|---|---|---|---|---|
| | 20 % | 40 % | 50 % | 60 % | 70 % | 80 % | 100 % |
| Correction factor FKC 65/80/90 ShoreA | 0.54 | 0.84 | 1.00 | 1.18 | 1.36 | 1.55 | 1.97 |

**The damping coefficient is $\Psi$ = 1.4**

Furthermore, torsional stiffness and damping depend on the ambient temperature and the frequency and amplitude of the torsional vibration excitation. More precise torsional stiffness and damping parameters on request.

With elastic couplings the manufacturing process of the rubber elements and their aging primarily influence the rigidity value $C_{Tdyn}$. For this reason calculation must be made with a tolerance for the dynamic rigidity of ± 20 %. The specified damping coefficient $\Psi$ is a minimum value with the result that the damping performance of the coupling corresponds at least to the specified value.

Permitted shaft misalignment

The permitted shaft misalignment depends on the operating speed. As the speed increases, lower shaft misalignment values are permitted. The following table shows the correction factors for different speeds.
The maximum speed for the respective coupling size must be observed!

$\Delta K_{perm} = \Delta K_{1500} \cdot FKV$

| | Speed in rpm | | | |
|---|---|---|---|---|
| | 500 | 1000 | 1500 | 3000 |
| Correction factor FKV | 1.7 | 1.2 | 1.0 | 0.7 |

For fitting, a maximum gap dimension of S max. = S + $\Delta$S and a minimum gap dimension of
S min. = S – $\Delta$S are permitted.

Shaft misalignments $\Delta K_r$ and $\Delta K_w$ may occur simultaneously.

[1] The maximum speed of the respective type must be noted. For further information on permissible shaft misalignment, please see the operating instructions.

[2] Does not apply to type H.
Gap dimension $\Delta$S for types DBDR and DBD coupling sizes 250, 280, 315 and 350 as well as for type EBD coupling sizes 250 and 280 is +2/-3 mm.

## General information

***Power ratings of the N-EUPEX DS series***

| Size | Rated torque | Torsional stiffness at 50 % capacity utilization | Assembly | Permitted shaft misalignment at speed $n$ = 1500 rpm | |
|---|---|---|---|---|---|
| | | | Gap dimension [1] | Radial | Angle |
| | $T_{KN}$ | $C_{Tdyn}$ | $\Delta S$ | $\Delta K_r$ | $\Delta K_w$ |
| | Nm | kNm/rad | mm | mm | ° |
| **66** | 19 | 0.73 | 1.0 | 0.2 | 0.15 |
| **76** | 34 | 1.36 | 1.0 | 0.2 | 0.15 |
| **88** | 60 | 2.62 | 1.0 | 0.2 | 0.12 |
| **103** | 100 | 4.00 | 1.0 | 0.2 | 0.12 |
| **118** | 160 | 6.30 | 1.0 | 0.2 | 0.10 |
| **135** | 240 | 10.5 | 1.0 | 0.25 | 0.10 |
| **152** | 360 | 13.6 | 1.0 | 0.25 | 0.10 |
| **172** | 560 | 27.2 | 2.0 | 0.3 | 0.10 |
| **194** | 880 | 47.0 | 2.0 | 0.3 | 0.10 |
| **218** | 1340 | 70.0 | 2.0 | 0.3 | 0.09 |
| **245** | 2000 | 106 | 2.0 | 0.35 | 0.09 |
| **272** | 2800 | 149 | 2.5 | 0.35 | 0.08 |
| **305** | 3900 | 214 | 2.5 | 0.4 | 0.08 |
| **340** | 5500 | 350 | 2.5 | 0.4 | 0.08 |
| **380** | 7700 | 480 | 2.5 | 0.5 | 0.08 |
| **430** | 10300 | 730 | 2.5 | 0.5 | 0.08 |
| **472** | 13500 | 990 | 2.5 | 0.6 | 0.08 |
| **514** | 16600 | 1270 | 2.5 | 0.6 | 0.07 |
| **556** | 21200 | 1540 | 2.5 | 0.65 | 0.07 |

Flexibles of sizes 66 to 272 are of the compound type with a hard core and soft thrust pieces.
Sizes 305 to 556 are completely made of 90 ShoreA NBR material.

For maximum coupling torque:
$T_{Kmax} = 2.0 \cdot T_{KN}$

For coupling overload torque:
$T_{KOL} = 3.0 \cdot T_{KN}$

For coupling fatigue torque:
$T_{KW} = 0.15 \cdot T_{KN}$

Torsional stiffness and damping

The values stated in the above table apply to a capacity utilization of 50 %, an excitation amplitude of 10 % $T_{KN}$ with the frequency 10 Hz and an ambient temperature of 20 °C. Dynamic torsional stiffness is dependent on load and increases in proportion to capacity utilization. The following table shows the correction factors for different rated loads.

$C_{Tdyn} = C_{Tdyn\ 50\ \%} \cdot FKC$

| | Capacity utilization $T_N / T_{KN}$ | | | | | | |
|---|---|---|---|---|---|---|---|
| | 20 % | 40 % | 50 % | 60 % | 70 % | 80 % | 100 % |
| Correction factor FKC | 0.7 | 0.9 | 1 | 1.1 | 1.2 | 1.3 | 1.5 |

**The damping coefficient is $\Psi$ = 1.4**
Torsional stiffness and damping is further dependent on the ambient temperature and the frequency and amplitude of the torsional vibration excitation. More precise torsional stiffness and damping parameters on request.

With elastic couplings the manufacturing process of the rubber elements and their aging primarily influence the rigidity value $C_{Tdyn}$. For this reason calculation must be made with a tolerance for the dynamic rigidity of ± 20 %. The specified damping coefficient $\Psi$ is a minimum value with the result that the damping performance of the coupling corresponds at least to the specified value.

Permitted shaft misalignment

The permitted shaft misalignment depends on the operating speed. As the speed increases, lower shaft misalignment values are permitted. The following table shows the correction factors for different speeds.
The maximum speed for the respective coupling size must be noted!

$\Delta K_{perm} = \Delta K_{1500} \cdot FKV$

| | Speed in rpm | | | |
|---|---|---|---|---|
| | 500 | 1000 | 1500 | 3000 |
| Correction factor FKV | 1.7 | 1.2 | 1.0 | 0.7 |

For fitting, a maximum gap dimension of S max. = S + $\Delta$S and a minimum gap dimension of
S min. = S – $\Delta$S are permitted.

Shaft misalignments $\Delta K_r$ and $\Delta K_w$ may occur simultaneously.

[1] Does not apply to type HDS.

Assignment of N-EUPEX sizes to IEC standard motors

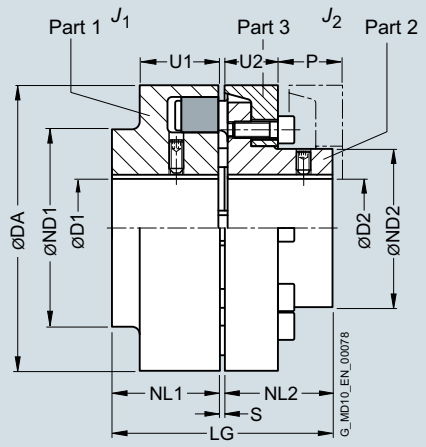
The assignment applies to an application factor of 1.25.

Outputs $P_M$ of IEC motors and assigned N-EUPEX couplings

| Three-phase motor | Output at ≈ 3000 rpm | N-EUPEX coupling | Output at ≈ 1500 rpm | N-EUPEX coupling | Output at ≈ 1000 rpm | N-EUPEX coupling | Output at ≈ 750 rpm | N-EUPEX coupling | DE shaft end D x E to IEC | |
|---|---|---|---|---|---|---|---|---|---|---|
| Size | $P_M$ kW | Size | $P_M$ kW | Size | $P_M$ kW | Size | $P_M$ kW | Size | D mm | E mm |
| **56** | 0.09 | **58** | 0.06 | **58** | | | | | 9 | 20 |
| | 0.12 | **58** | 0.09 | **58** | | | | | | |
| **63** | 0.18 | **58** | 0.12 | **58** | | | | | 11 | 23 |
| | 0.25 | **58** | 0.18 | **58** | | | | | | |
| **71** | 0.37 | **58** | 0.25 | **58** | | | | | 14 | 30 |
| | 0.55 | **58** | 0.37 | **58** | | | | | | |
| **80** | 0.75 | **58** | 0.55 | **58** | 0.37 | **58** | | | 19 | 40 |
| | 1.1 | **58** | 0.75 | **58** | 0.55 | **58** | | | | |
| **90 S** | 1.5 | **68** | 1.1 | **68** | 0.75 | **68** | | | 24 | 50 |
| **90 L** | 2.2 | **68** | 1.5 | **68** | 1.1 | **68** | | | 24 | 50 |
| **100 L** | 3 | **80** | 2.2 | **80** | 1.5 | **80** | 0.75 | **80** | 28 | 60 |
| | | | 3 | **80** | | | 1.1 | **80** | | |
| **112 M** | 4 | **80** | 4 | **80** | 2.2 | **80** | 1.5 | **80** | 28 | 60 |
| **132 S** | 5.5 | **95** | 5.5 | **95** | 3 | **95** | 2.2 | **95** | 38 | 80 |
| | 7.5 | **95** | | | | | | | | |
| **132 M** | | | 7.5 | **95** | 4 | **95** | 3 | **95** | 38 | 80 |
| | | | | | 5.5 | **95** | | | | |
| **160 M** | 11 | **95** | 11 | **95** | 7.5 | **95** | 4 | **95** | 42 | 110 |
| | 15 | **95** | | | | | 5.5 | **95** | | |
| **160 L** | 18.5 | **95** | 15 | **110** | 11 | **110** | 7.5 | **110** | 42 | 110 |
| **180 M** | 22 | **110** | 18.5 | **110** | | | | | 48 | 110 |
| **180 L** | | | 22 | **125** | 15 | **125** | 11 | **125** | 48 | 110 |
| **200 L** | 30 | **125** | 30 | **125** | 18.5 | **125** | 15 | **125** | 55 | 110 |
| | 37 | **125** | | | 22 | **140** | | | | |
| **225 S** | | | 37 | **140** | | | 18.5 | **140** | 55 | 110 |
| | | | | | | | | | 60 | 140 |
| **225 M** | 45 | **125** | 45 | **140** | 30 | **140** | 22 | **140** | 55 | 110 |
| | | | | | | | | | 60 | 140 |
| **250 M** | 55 | **140** | 55 | **160** | 37 | **160** | 30 | **160** | 60 | 140 |
| | | | | | | | | | 65 | 140 |
| **280 S** | 75 | **160** | 75 | **180** | 45 | **180** | 37 | **180** | 65 | 140 |
| | | | | | | | | | 75 | 140 |
| **280 M** | 90 | **160** | 90 | **180** | 55 | **180** | 45 | **180** | 65 | 140 |
| | | | | | | | | | 75 | 140 |
| **315 S** | 110 | **160** | 110 | **200** | 75 | **200** | 55 | **200** | 65 | 140 |
| | | | | | | | | | 80 | 170 |
| **315 M** | 132 | **160** | 132 | **200** | 90 | **200** | 75 | **200** | 65 | 140 |
| | | | | | | | | | 80 | 170 |

## Type A for easy elastomer flexible replacement

### Selection and ordering data




| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | Mass moment of inertia | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1/ NL2 | S | U1 | U2 | P | LG | $J_1/J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | kgm² | | kg |
| **110** | 160 | 5300 | – | 48 | – | 38 | 110 | 86 | 62 | 40 | 3 | 34 | 20 | 33 | 83 | 0.003 | **2LC0100-4AB ■ ■ -0AA0** | 3 |
| **125** | 240 | 5100 | – | 55 | – | 45 | 125 | 100 | 75 | 50 | 3 | 36 | 23 | 38 | 103 | 0.005 | **2LC0100-5AB ■ ■ -0AA0** | 4.8 |
| **140** | 360 | 4900 | – | 60 | – | 50 | 140 | 100 | 82 | 55 | 3 | 34 | 28 | 43 | 113 | 0.008 | **2LC0100-6AB ■ ■ -0AA0** | 6 |
| **160** | 560 | 4250 | – | 65 | – | 58 | 160 | 108 | 95 | 60 | 4 | 39 | 28 | 47 | 124 | 0.014 | **2LC0100-7AB ■ ■ -0AA0** | 8.4 |
| **180** | 880 | 3800 | – | 75 | – | 65 | 180 | 125 | 108 | 70 | 4 | 42 | 30 | 50 | 144 | 0.025 | **2LC0100-8AB ■ ■ -0AA0** | 12 |
| **200** | 1340 | 3400 | – | 85 | – | 75 | 200 | 140 | 122 | 80 | 4 | 47 | 32 | 53 | 164 | 0.04 | **2LC0101-0AB ■ ■ -0AA0** | 17 |
| **225** | 2000 | 3000 | – | 90 | – | 85 | 225 | 150 | 138 | 90 | 4 | 52 | 38 | 61 | 184 | 0.08 | **2LC0101-1AB ■ ■ -0AA0** | 23 |
| **250** | 2800 | 2750 | 46 | 100 | – | 95 | 250 | 165 | 155 | 100 | 5.5 | 60 | 42 | 69 | 205.5 | 0.13 | **2LC0101-2AB ■ ■ -0AA0** | 31 |
| **280** | 3900 | 2450 | 49 | 110 | 54 | 105 | 280 | 180 | 172 | 110 | 5.5 | 65 | 42 | 73 | 225.5 | 0.20 | **2LC0101-3AB ■ ■ -0AA0** | 41 |
| **315** | 5500 | 2150 | 49 | 100 | 46 | 100 | 315 | 165 | 165 | 125 | 5.5 | 70 | 47 | 78 | 255.5 | 0.32 | **2LC0101-4AB ■ ■ -0AA0** | 57 |
| | | | 90 | 120 | 90 | 120 | | 200 | 200 | | | | | | | 0.35 | | 61 |
| **350** | 7700 | 2000 | 61 | 110 | 61 | 110 | 350 | 180 | 180 | 140 | 5.5 | 74 | 51 | 83 | 285.5 | 0.54 | **2LC0101-5AB ■ ■ -0AA0** | 78 |
| | | | 90 | 140 | 90 | 140 | | 230 | 230 | | | | | | | 0.61 | | 82 |
| **400** | 10300 | 1700 | 66 | 120 | 66 | 120 | 400 | 200 | 200 | 160 | 5.5 | 78 | 56 | 88 | 325.5 | 1.0 | **2LC0101-6AB ■ ■ -0AA0** | 112 |
| | | | 100 | 150 | 100 | 150 | | 250 | 250 | | | | | | | 1.1 | | 117 |
| **440** | 13500 | 1550 | 80 | 130 | 80 | 130 | 440 | 215 | 215 | 180 | 7.5 | 86 | 64 | 99 | 367.5 | 1.5 | **2LC0101-7AB ■ ■ -0AA0** | 147 |
| | | | 120 | 160 | 120 | 160 | | 265 | 265 | | | | | | | 1.7 | | 155 |
| **480** | 16600 | 1400 | 90 | 145 | 90 | 145 | 480 | 240 | 240 | 190 | 7.5 | 90 | 65 | 104 | 387.5 | 2.3 | **2LC0101-8AB ■ ■ -0AA0** | 184 |
| | | | 136 | 180 | 136 | 180 | | 300 | 300 | | | | | | | 2.6 | | 200 |
| **520** | 21200 | 1300 | 100 | 150 | 100 | 150 | 520 | 250 | 250 | 210 | 7.5 | 102 | 68 | 115 | 427.5 | 3.3 | **2LC0102-0AB ■ ■ -0AA0** | 234 |
| | | | 140 | 190 | 140 | 190 | | 315 | 315 | | | | | | | 3.7 | | 254 |
| **560** | 29000 | 1200 | 120 | 200 | 120 | 200 | 560 | 320 | 320 | 220 | 9 | 115 | 80 | 125 | 449 | 6.0 | **2LC0102-1AB ■ ■ -0AA0** | 329 |
| **610** | 38000 | 1100 | 130 | 220 | 130 | 220 | 610 | 352 | 352 | 240 | 9 | 121 | 88 | 135 | 489 | 9.0 | **2LC0102-2AB ■ ■ -0AA0** | 416 |
| **660** | 49000 | 1000 | 140 | 240 | 140 | 240 | 660 | 384 | 384 | 260 | 9 | 132 | 96 | 145 | 529 | 13.5 | **2LC0102-3AB ■ ■ -0AA0** | 546 |
| **710** | 62000 | 1000 | 140 | 260 | 140 | 260 | 710 | 416 | 416 | 290 | 9 | 138 | 102 | 155 | 589 | 19 | **2LC0102-4AB ■ ■ -0AA0** | 680 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • Without finished bore sizes 315 to 520 for 2nd diameter range D1 – Without order codes | **2** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • Without finished bore sizes 315 to 520 for 2nd diameter range D2 – Without order codes | **2** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

The hub diameter of the component part is assigned according to the diameter of the finished bore. Where bore diameters overlap, the component with the smaller hub diameter is always selected.

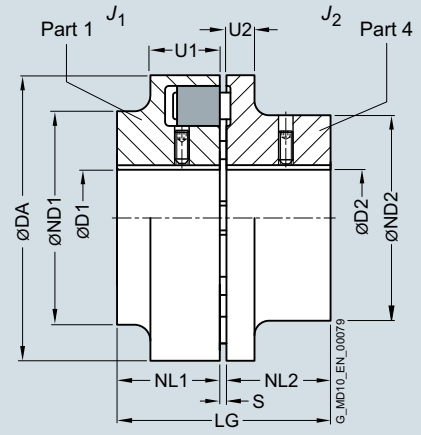
Weights and mass moments of inertia apply to maximum bore diameters.

The article number applies to standard flexibles of 80 ShoreA; the article number for alternative flexible types is available on request.

Ordering example:
N-EUPEX A coupling, size 200,
Part 1: Bore D1 65H7 mm, keyway to DIN 6885-1 and set screw,
Part 2: Bore D2 50H7 mm, keyway to DIN 6885-1 and set screw.

Article No.:
**2LC0101-0AB99-0AA0**
**L1F+M1C**

## Selection and ordering data




| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | Mass moment of inertia | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1/ NL2 | S | U1 | U2 | LG | $J_1/J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | kgm$^2$ | | kg |
| **58** | 19 | 7500 | – | 19 | – | 24 | 58 | 58 | 40 | 20 | 3 | 20 | 8 | 43 | 0.0001 | **2LC0100-0AA ■ ■ -0AA0** | 0.4 |
| **68** | 34 | 7000 | – | 24 | – | 28 | 68 | 68 | 50 | 20 | 3 | 20 | 8 | 43 | 0.0002 | **2LC0100-1AA ■ ■ -0AA0** | 0.54 |
| **80** | 60 | 6000 | – | 30 | – | 38 | 80 | 80 | 68 | 30 | 3 | 30 | 10 | 63 | 0.0006 | **2LC0100-2AA ■ ■ -0AA0** | 1.3 |
| **95** | 100 | 5500 | – | 42 | – | 42 | 95 | 76 | 76 | 35 | 3 | 30 | 12 | 73 | 0.0013 | **2LC0100-3AA ■ ■ -0AA0** | 2.2 |
| **110** | 160 | 5300 | – | 48 | – | 48 | 110 | 86 | 86 | 40 | 3 | 34 | 14 | 83 | 0.003 | **2LC0100-4AA ■ ■ -0AA0** | 3.3 |
| **125** | 240 | 5100 | – | 55 | – | 55 | 125 | 100 | 100 | 50 | 3 | 36 | 18 | 103 | 0.006 | **2LC0100-5AA ■ ■ -0AA0** | 5.2 |
| **140** | 360 | 4900 | – | 60 | – | 60 | 140 | 100 | 100 | 55 | 3 | 34 | 20 | 113 | 0.007 | **2LC0100-6AA ■ ■ -0AA0** | 5.6 |
| **160** | 560 | 4250 | – | 65 | – | 65 | 160 | 108 | 108 | 60 | 4 | 39 | 20 | 124 | 0.01 | **2LC0100-7AA ■ ■ -0AA0** | 7.8 |
| **180** | 880 | 3800 | – | 75 | – | 75 | 180 | 125 | 125 | 70 | 4 | 42 | 20 | 144 | 0.02 | **2LC0100-8AA ■ ■ -0AA0** | 11.5 |
| **200** | 1340 | 3400 | – | 85 | – | 85 | 200 | 140 | 140 | 80 | 4 | 47 | 24 | 164 | 0.04 | **2LC0101-0AA ■ ■ -0AA0** | 16 |
| **225** | 2000 | 3000 | – | 90 | – | 90 | 225 | 150 | 150 | 90 | 4 | 52 | 18 | 184 | 0.07 | **2LC0101-1AA ■ ■ -0AA0** | 20 |
| **250** | 2800 | 2750 | 46 | 100 | 46 | 100 | 250 | 165 | 165 | 100 | 5.5 | 60 | 18 | 205.5 | 0.12 | **2LC0101-2AA ■ ■ -0AA0** | 29 |
| **280** | 3900 | 2450 | 49 | 110 | 54 | 110 | 280 | 180 | 180 | 110 | 5.5 | 65 | 20 | 225.5 | 0.18 | **2LC0101-3AA ■ ■ -0AA0** | 38 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

Weights and mass moments of inertia apply to maximum bore diameters.

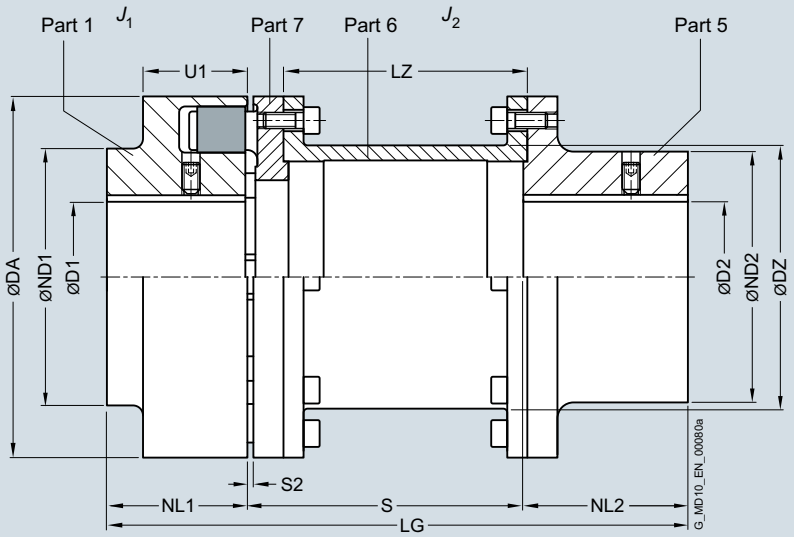
Ordering example:
N-EUPEX B coupling, size 95,
Part 1: Bore D1 42H7 mm, keyway to DIN 6885-1 and set screw,
Part 2: Bore D2 32H7 mm, keyway to DIN 6885-1 and set screw.

Article No.:
**2LC0100-3AA99-0AA0**
**L0X+M0T**

The article number applies to standard flexibles of 80 ShoreA; the article number for alternative flexible types is available on request.

## Type H

### Selection and ordering data




For dimension U1, see type A

| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1 | NL2 | S2 | S | LZ | DZ | LG | $J_1$ | $J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **80** | 60 | 6000 | – | 30 | – | 32 | 80 | 80 | 55 | 30 | 45 | 5 | 100 | 87 | 51 | 175 | 0.0006 | 0.001 | **2LC0100-2AG ■ ■ -0AA0** | 2.6 |
| | | | | | | | | | | | | | 140 | 127 | | 215 | | 0.001 | **2LC0100-2AG ■ ■ -0AB0** | 2.7 |
| **95** | 100 | 5500 | – | 42 | – | 42 | 95 | 76 | 70 | 35 | 45 | 5 | 100 | 87 | 63 | 180 | 0.001 | 0.003 | **2LC0100-3AG ■ ■ -0AA0** | 3.5 |
| | | | | | | | | | | | | | 140 | 127 | | 220 | | 0.003 | **2LC0100-3AG ■ ■ -0AB0** | 3.8 |
| **110** | 160 | 5300 | – | 48 | – | 48 | 110 | 86 | 80 | 40 | 50 | 5 | 100 | 85 | 73 | 190 | 0.003 | 0.005 | **2LC0100-4AG ■ ■ -0AA0** | 5.2 |
| | | | | | | | | | | | 50 | | 140 | 125 | | 230 | | 0.006 | **2LC0100-4AG ■ ■ -0AB0** | 5.4 |
| | | | | | | | | | | | 60 | | 180 | 165 | | 280 | | 0.006 | **2LC0100-4AG ■ ■ -0AC0** | 6.0 |
| **125** | 240 | 5100 | – | 55 | – | 55 | 125 | 100 | 90 | 50 | 50 | 5 | 100 | 85 | 85 | 200 | 0.005 | 0.01 | **2LC0100-5AG ■ ■ -0AA0** | 7.2 |
| | | | | | | | | | | | 50 | | 140 | 125 | | 240 | | 0.01 | **2LC0100-5AG ■ ■ -0AB0** | 7.7 |
| | | | | | | | | | | | 60 | | 180 | 165 | | 290 | | 0.011 | **2LC0100-5AG ■ ■ -0AC0** | 8.2 |
| | | | | | | | | | | | 70 | | 200 | 185 | | 320 | | 0.012 | **2LC0100-5AG ■ ■ -0AD0** | 8.5 |
| | | | | | | | | | | | 80 | | 250 | 235 | | 380 | | 0.012 | **2LC0100-5AG ■ ■ -0AE0** | 9 |
| **140** | 360 | 4900 | – | 60 | – | 60 | 140 | 100 | 100 | 55 | 65 | 5 | 100 | 82 | 91 | 220 | 0.007 | 0.018 | **2LC0100-6AG ■ ■ -0AA0** | 10.0 |
| | | | | | | | | | | | 65 | | 140 | 122 | | 260 | | 0.019 | **2LC0100-6AG ■ ■ -0AB0** | 10.5 |
| | | | | | | | | | | | 65 | | 180 | 162 | | 300 | | 0.02 | **2LC0100-6AG ■ ■ -0AC0** | 11.0 |
| | | | | | | | | | | | 65 | | 200 | 182 | | 320 | | 0.021 | **2LC0100-6AG ■ ■ -0AD0** | 11.3 |
| | | | | | | | | | | | 80 | | 250 | 232 | | 385 | | 0.022 | **2LC0100-6AG ■ ■ -0AE0** | 12.0 |
| **160** | 560 | 4250 | – | 65 | – | 65 | 160 | 108 | 108 | 60 | 70 | 6 | 100 | 81.5 | 111 | 230 | 0.013 | 0.03 | **2LC0100-7AG ■ ■ -0AA0** | 13 |
| | | | | | | | | | | | 70 | | 140 | 121.5 | | 270 | | 0.032 | **2LC0100-7AG ■ ■ -0AB0** | 13.7 |
| | | | | | | | | | | | 70 | | 180 | 161.5 | | 310 | | 0.034 | **2LC0100-7AG ■ ■ -0AC0** | 14.5 |
| | | | | | | | | | | | 70 | | 200 | 181.5 | | 330 | | 0.035 | **2LC0100-7AG ■ ■ -0AD0** | 14.9 |
| | | | | | | | | | | | 80 | | 250 | 231.5 | | 390 | | 0.037 | **2LC0100-7AG ■ ■ -0AE0** | 15.9 |
| **180** | 880 | 3800 | – | 75 | – | 75 | 180 | 125 | 125 | 70 | 80 | 6 | 140 | 121.5 | 131 | 290 | 0.023 | 0.054 | **2LC0100-8AG ■ ■ -0AB0** | 18.5 |
| | | | | | | | | | | | | | 180 | 161.5 | | 330 | | 0.058 | **2LC0100-8AG ■ ■ -0AC0** | 19.4 |
| | | | | | | | | | | | | | 200 | 181.5 | | 350 | | 0.060 | **2LC0100-8AG ■ ■ -0AD0** | 21 |
| | | | | | | | | | | | | | 250 | 231.5 | | 400 | | 0.065 | **2LC0100-8AG ■ ■ -0AE0** | 22 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

## Type H

| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1 | NL2 | S2 | S | LZ | DZ | LG | $J_1$ | $J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **200** | 1340 | 3400 | – | 85 | – | 85 | 200 | 140 | 140 | 80 | 90 | 6 | 140 | 118.5 | 144 | 310 | 0.04 | 0.095 | **2LC0101-0AG ■ ■ -0AB0** | 25.6 |
| | | | | | | | | | | | | | 180 | 158.5 | | 350 | | 0.1 | **2LC0101-0AG ■ ■ -0AC0** | 26.5 |
| | | | | | | | | | | | | | 200 | 178.5 | | 370 | | 0.105 | **2LC0101-0AG ■ ■ -0AD0** | 27.2 |
| | | | | | | | | | | | | | 250 | 228.5 | | 420 | | 0.11 | **2LC0101-0AG ■ ■ -0AE0** | 28.5 |
| **225** | 2000 | 3000 | – | 90 | – | 90 | 225 | 150 | 150 | 90 | 100 | 6 | 140 | 118.5 | 169 | 330 | 0.07 | 0.158 | **2LC0101-1AG ■ ■ -0AB0** | 34 |
| | | | | | | | | | | | | | 180 | 158.5 | | 370 | | 0.16 | **2LC0101-1AG ■ ■ -0AC0** | 35 |
| | | | | | | | | | | | | | 200 | 178.5 | | 390 | | 0.17 | **2LC0101-1AG ■ ■ -0AD0** | 36 |
| | | | | | | | | | | | | | 250 | 228.5 | | 440 | | 0.18 | **2LC0101-1AG ■ ■ -0AE0** | 38 |
| **250** | 2800 | 2750 | 46 | 100 | 46 | 100 | 250 | 165 | 165 | 100 | 110 | 8 | 180 | 152.5 | 185 | 390 | 0.12 | 0.27 | **2LC0101-2AG ■ ■ -0AC0** | 48 |
| | | | | | | | | | | | | | 200 | 172.5 | | 410 | | 0.28 | **2LC0101-2AG ■ ■ -0AD0** | 50 |
| | | | | | | | | | | | | | 250 | 222.5 | | 460 | | 0.3 | **2LC0101-2AG ■ ■ -0AE0** | 52 |
| **280** | 3900 | 2450 | 49 | 110 | 51 | 110 | 280 | 180 | 180 | 110 | 120 | 8 | 250 | 222.5 | 215 | 480 | 0.20 | 0.52 | **2LC0101-3AG ■ ■ -0AE0** | 70 |
| **315** | 5500 | 2150 | 49 | 100 | 51 | 120 | 315 | 165 | 200 | 125 | 140 | 8 | 250 | 222.5 | 250 | 515 | 0.32 | 0.87 | **2LC0101-4AG ■ ■ -0AE0** | 98 |
| | | | 90 | 120 | | | | 200 | | | | | | | | | 0.35 | | **2LC0101-4AG ■ ■ -0AE0** | 100 |
| **350** | 7700 | 2000 | 61 | 110 | 51 | 140 | 350 | 180 | 230 | 140 | 150 | 8 | 250 | 220.5 | 272 | 540 | 0.54 | 1.4 | **2LC0101-5AG ■ ■ -0AE0** | 120 |
| | | | 90 | 140 | | | | 230 | | | | | | | | | 0.61 | | **2LC0101-5AG ■ ■ -0AE0** | 125 |
| **400** | 10300 | 1700 | 66 | 120 | 51 | 150 | 400 | 200 | 250 | 160 | 180 | 8 | 250 | 185.5 | 310 | 590 | 1.0 | 2.9 | **2LC0101-6AG ■ ■ -0AE0** | 195 |
| | | | 100 | 150 | | | | 250 | | | | | | | | | 1.1 | | **2LC0101-6AG ■ ■ -0AE0** | 200 |
| **440** | 13500 | 1550 | 80 | 130 | 51 | 160 | 440 | 215 | 265 | 180 | 180 | 10 | 250 | 182 | 354 | 610 | 1.5 | 4.1 | **2LC0101-7AG ■ ■ -0AE0** | 225 |
| | | | 120 | 160 | | | | 265 | | | | | | | | | 1.7 | | **2LC0101-7AG ■ ■ -0AE0** | 230 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • Without finished bore sizes 315 to 440 for 2nd diameter range D1 – Without order codes | **2** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • Without finished bore sizes 315 to 440 for 2nd diameter range D2 – Without order codes | **2** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

During assembly, the gap dimension S2 must not exceed the permissible tolerance of +1 mm.

The hub diameter of the component part is assigned according to the diameter of the finished bore. Where bore diameters overlap, the component with the smaller hub diameter is always selected.

Weights and mass moments of inertia apply to maximum bore diameters.

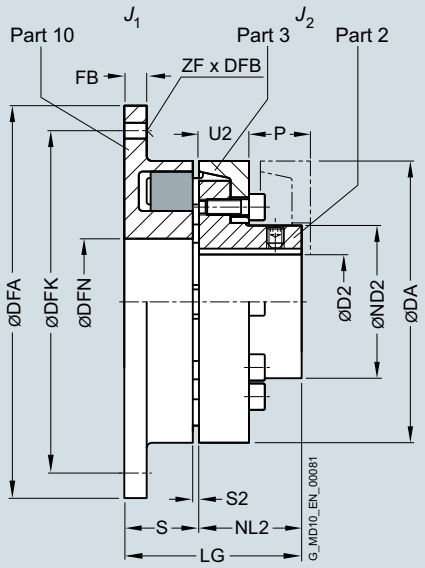
Ordering example:
N-EUPEX H coupling, size 160, S = 200 mm,
Part 1: Bore D1 60H7 mm, keyway to DIN 6885-1 and set screw,
Part 2: Bore D2 55H7 mm, keyway to DIN 6885-1 and set screw.

Article No.:
**2LC0100-7AG99-0AD0**
**L1E+M1D**

The article number applies to standard flexibles of 80 ShoreA; the article number for alternative flexible types is available on request.

## Type D for easy elastomer replacement

### Selection and ordering data




For dimensions U2 and P, see type A

| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm | | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Bore with keyway to DIN 6885 | | | | | | | | Flange connection dimensions | | | | | | | | | | |
| | $T_{KN}$ | $n_{Kmax}$ | D2 | | DA | ND2 | NL2 | S2 | S | LG | DFA | DFN | DFK | FB | ZF | DFB | | $J_1$ | $J_2$ | | $m$ |
| | | | min. | max. | | | | | | | h8 | H7 | | | | | | | | | |
| | Nm | rpm | | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **110** | 160 | 5300 | – | 38 | 110 | 62 | 40 | 3 | 30 | 70 | 144 | 62 | 128 | 10 | 6 | 9 | | 0.0034 | 0.003 | **2LC0100-4AD1 ■ -0AA0** | 2.7 |
| | | | | | | | | | | | | | | | | M8 | | | | **2LC0100-4AD2 ■ -0AA0** | |
| **125** | 240 | 5100 | – | 45 | 125 | 75 | 50 | 3 | 34 | 84 | 158 | 75 | 142 | 10 | 6 | 9 | | 0.0052 | 0.005 | **2LC0100-5AD1 ■ -0AA0** | 3.9 |
| | | | | | | | | | | | | | | | | M8 | | | | **2LC0100-5AD2 ■ -0AA0** | |
| **140** | 360 | 4900 | – | 50 | 140 | 82 | 55 | 3 | 37 | 92 | 180 | 82 | 160 | 13 | 6 | 11 | | 0.011 | 0.008 | **2LC0100-6AD1 ■ -0AA0** | 5.6 |
| | | | | | | | | | | | | | | | | M10 | | | | **2LC0100-6AD2 ■ -0AA0** | |
| **160** | 560 | 4250 | – | 58 | 160 | 95 | 60 | 4 | 43 | 103 | 200 | 95 | 180 | 13 | 7 | 11 | | 0.017 | 0.014 | **2LC0100-7AD1 ■ -0AA0** | 7.5 |
| | | | | | | | | | | | | | | | | M10 | | | | **2LC0100-7AD2 ■ -0AA0** | |
| **180** | 880 | 3800 | – | 65 | 180 | 108 | 70 | 4 | 46 | 116 | 220 | 110 | 200 | 13 | 8 | 11 | | 0.026 | 0.025 | **2LC0100-8AD1 ■ -0AA0** | 10.3 |
| | | | | | | | | | | | | | | | | M10 | | | | **2LC0100-8AD2 ■ -0AA0** | |
| **200** | 1340 | 3400 | – | 75 | 200 | 122 | 80 | 4 | 51 | 131 | 248 | 120 | 224 | 16 | 8 | 14 | | 0.051 | 0.04 | **2LC0101-0AD1 ■ -0AA0** | 14.7 |
| | | | | | | | | | | | | | | | | M12 | | | | **2LC0101-0AD2 ■ -0AA0** | |
| **225** | 2000 | 3000 | – | 85 | 225 | 138 | 90 | 4 | 56 | 146 | 274 | 135 | 250 | 16 | 8 | 14 | | 0.085 | 0.08 | **2LC0101-1AD1 ■ -0AA0** | 19.5 |
| | | | | | | | | | | | | | | | | M12 | | | | **2LC0101-1AD2 ■ -0AA0** | |
| **250** | 2800 | 2750 | – | 95 | 250 | 155 | 100 | 5.5 | 65.5 | 165.5 | 314 | 150 | 282 | 20 | 8 | 18 | | 0.16 | 0.13 | **2LC0101-2AD1 ■ -0AA0** | 28.0 |
| | | | | | | | | | | | | | | | | M16 | | | | **2LC0101-2AD2 ■ -0AA0** | |
| **280** | 3900 | 2450 | 54 | 105 | 280 | 172 | 110 | 5.5 | 70.5 | 180.5 | 344 | 170 | 312 | 20 | 8 | 18 | | 0.24 | 0.2 | **2LC0101-3AD1 ■ -0AA0** | 35.0 |
| | | | | | | | | | | | | | | | | M16 | | | | **2LC0101-3AD2 ■ -0AA0** | |
| **315** | 5500 | 2150 | 46 | 100 | 315 | 165 | 125 | 5.5 | 75.5 | 200.5 | 380 | 200 | 348 | 22 | 9 | 18 | | 0.4 | 0.32 | **2LC0101-4AD1 ■ -0AA0** | 47 |
| | | | 90 | 120 | | 200 | | | | | | | | | | | | | 0.35 | | 50 |
| | 5500 | 2150 | 46 | 100 | 315 | 165 | 125 | 5.5 | 75.5 | 200.5 | 380 | 200 | 348 | 22 | 9 | M16 | | 0.4 | 0.32 | **2LC0101-4AD2 ■ -0AA0** | 47 |
| | | | 90 | 120 | | 200 | | | | | | | | | | | | | 0.35 | | 50 |
| **350** | 7700 | 2000 | 61 | 110 | 350 | 180 | 140 | 5.5 | 79.5 | 219.5 | 430 | 225 | 390 | 25 | 9 | 22 | | 0.7 | 0.54 | **2LC0101-5AD1 ■ -0AA0** | 64 |
| | | | 90 | 140 | | 230 | | | | | | | | | | | | | 0.61 | | 67 |
| | 7700 | 2000 | 61 | 110 | 350 | 180 | 140 | 5.5 | 79.5 | 219.5 | 430 | 225 | 390 | 25 | 9 | M20 | | 0.7 | 0.54 | **2LC0101-5AD2 ■ -0AA0** | 64 |
| | | | 90 | 140 | | 230 | | | | | | | | | | | | | 0.61 | | 67 |
| **400** | 10300 | 1700 | 66 | 120 | 400 | 200 | 160 | 5.5 | 83.5 | 243.5 | 480 | 265 | 440 | 25 | 10 | 22 | | 1.1 | 1.0 | **2LC0101-6AD1 ■ -0AA0** | 86 |
| | | | 100 | 150 | | 250 | | | | | | | | | | | | | 1.1 | | 90 |
| | 10300 | 1700 | 66 | 120 | 400 | 200 | 160 | 5.5 | 83.5 | 243.5 | 480 | 265 | 440 | 25 | 10 | M20 | | 1.1 | 1.0 | **2LC0101-6AD2 ■ -0AA0** | 86 |
| | | | 100 | 150 | | 250 | | | | | | | | | | | | | 1.1 | | 90 |

| | | |
|---|---|---|
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • Without finished bore – Only for sizes 315 to 520 in each case with a larger diameter D2 – Without order codes | **2** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

## Type D for easy elastomer replacement

| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm | | | | | | | | Flange connection dimensions | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Bore with keyway to DIN 6885 | | | | | | | | | | | | | | | | | |
| | $T_{KN}$ | $n_{Kmax}$ | D2 | | DA | ND2 | NL2 | S2 | S | LG | DFA | DFN | DFK | FB | ZF | DFB | $J_1$ | $J_2$ | | $m$ |
| | | | min. | max. | | | | | | | h8 | H7 | | | | | | | | |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **440** | 13500 | 1550 | 80 | 130 | 440 | 215 | 180 | 7.5 | 93.5 | 273.5 | 520 | 295 | 480 | 25 | 10 | 22 | 1.7 | 1.5 | **2LC0101-7AD1 ■ -0AA0** | 114 |
| | | | 120 | 160 | | 265 | | | | | | | | | | | | 1.7 | | 119 |
| | 13500 | 1550 | 80 | 130 | 440 | 215 | 180 | 7.5 | 93.5 | 273.5 | 520 | 295 | 480 | 25 | 10 | M20 | 1.7 | 1.5 | **2LC0101-7AD2 ■ -0AA0** | 114 |
| | | | 120 | 160 | | 265 | | | | | | | | | | | | 1.7 | | 119 |
| **480** | 16600 | 1400 | 90 | 145 | 480 | 240 | 190 | 7.5 | 97.5 | 287.5 | 575 | 325 | 528 | 30 | 10 | 26 | 2.7 | 2.3 | **2LC0101-8AD1 ■ -0AA0** | 146 |
| | | | 136 | 180 | | 300 | | | | | | | | | | | | 2.6 | | 155 |
| | 16600 | 1400 | 90 | 145 | 480 | 240 | 190 | 7.5 | 97.5 | 287.5 | 575 | 325 | 528 | 30 | 10 | M24 | 2.7 | 2.3 | **2LC0101-8AD2 ■ -0AA0** | 146 |
| | | | 136 | 180 | | 300 | | | | | | | | | | | | 2.6 | | 155 |
| **520** | 21200 | 1300 | 100 | 150 | 520 | 250 | 210 | 7.5 | 109.5 | 319.5 | 615 | 355 | 568 | 30 | 10 | 26 | 3.8 | 3.3 | **2LC0102-0AD1 ■ -0AA0** | 177 |
| | | | 140 | 190 | | 315 | | | | | | | | | | | | 3.7 | | 190 |
| | 21200 | 1300 | 100 | 150 | 520 | 250 | 210 | 7.5 | 109.5 | 319.5 | 615 | 355 | 568 | 30 | 10 | M24 | 3.8 | 3.3 | **2LC0102-0AD2 ■ -0AA0** | 177 |
| | | | 140 | 190 | | 315 | | | | | | | | | | | | 3.7 | | 190 |

| | | |
|---|---|---|
| ∅D2: | • Without finished bore – Without order codes | **1** |
| | • Without finished bore – Only for sizes 315 to 520 in each case with a larger diameter D2 – Without order codes | **2** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

The hub diameter of the component part is assigned according to the diameter of the finished bore. Where bore diameters overlap, the component with the smaller hub diameter is always selected.

Weights and mass moments of inertia apply to maximum bore diameters.

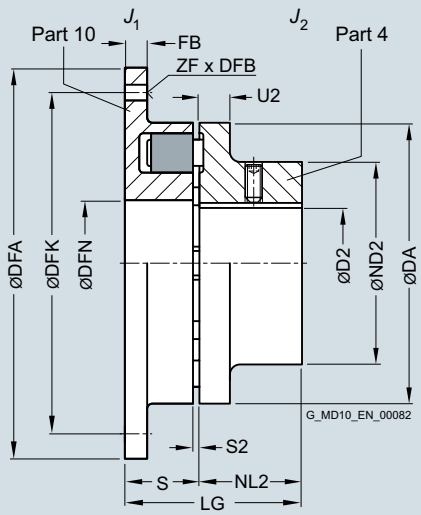
Ordering example:
N-EUPEX D coupling, size 125,
Part 10: with through bores,
Part 2: Bore D2 38H7 mm, with keyway to DIN 6885-1 and set screw.

Article No.:
**2LC0100-5AD19-0AA0**
**M0V**

The article number applies to standard flexibles of 80 ShoreA; the article number for alternative flexible types is available on request.

## Type E

### Selection and ordering data




For dimension U2, see type B

| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | Flange connection dimensions | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D2 min. | D2 max. | DA | ND2 | NL2 | S2 | S | LG | DFA h8 | DFN H7 | DFK | FB | ZF | DFB | $J_1$ | $J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **68** | 34 | 7000 | – | 28 | 68 | 50 | 20 | 3 | 23 | 43 | 90 | 34 | 80 | 7 | 6 | 5.5 | 0.0004 | 0.0002 | **2LC0100-1AC1 ■ -0AA0** | 0.63 |
| | | | | | | | | | | | | | | | | M5 | | | **2LC0100-1AC2 ■ -0AA0** | |
| **80** | 60 | 6000 | – | 38 | 80 | 68 | 30 | 3 | 24 | 54 | 106 | 42 | 94 | 8 | 6 | 6.6 | 0.0008 | 0.0006 | **2LC0100-2AC1 ■ -0AA0** | 1.35 |
| | | | | | | | | | | | | | | | | M6 | | | **2LC0100-2AC2 ■ -0AA0** | |
| **95** | 100 | 5500 | – | 42 | 95 | 76 | 35 | 3 | 27 | 62 | 120 | 52 | 108 | 8 | 6 | 6.6 | 0.0014 | 0.0013 | **2LC0100-3AC1 ■ -0AA0** | 2.0 |
| | | | | | | | | | | | | | | | | M6 | | | **2LC0100-3AC2 ■ -0AA0** | |
| **110** | 160 | 5300 | – | 48 | 110 | 86 | 40 | 3 | 30 | 70 | 144 | 62 | 128 | 10 | 6 | 9 | 0.0034 | 0.0030 | **2LC0100-4AC1 ■ -0AA0** | 3.0 |
| | | | | | | | | | | | | | | | | M8 | | | **2LC0100-4AC2 ■ -0AA0** | |
| **125** | 240 | 5100 | – | 55 | 125 | 100 | 50 | 3 | 34 | 84 | 158 | 75 | 142 | 10 | 6 | 9 | 0.0052 | 0.0060 | **2LC0100-5AC1 ■ -0AA0** | 4.5 |
| | | | | | | | | | | | | | | | | M8 | | | **2LC0100-5AC2 ■ -0AA0** | |
| **140** | 360 | 4900 | – | 60 | 140 | 100 | 55 | 3 | 37 | 92 | 180 | 82 | 160 | 13 | 6 | 11 | 0.011 | 0.007 | **2LC0100-6AC1 ■ -0AA0** | 5.6 |
| | | | | | | | | | | | | | | | | M10 | | | **2LC0100-6AC2 ■ -0AA0** | |
| **160** | 560 | 4250 | – | 65 | 160 | 108 | 60 | 4 | 43 | 103 | 200 | 95 | 180 | 13 | 7 | 11 | 0.017 | 0.01 | **2LC0100-7AC1 ■ -0AA0** | 7.2 |
| | | | | | | | | | | | | | | | | M10 | | | **2LC0100-7AC2 ■ -0AA0** | |
| **180** | 880 | 3800 | – | 75 | 180 | 125 | 70 | 4 | 46 | 116 | 220 | 110 | 200 | 13 | 8 | 11 | 0.026 | 0.02 | **2LC0100-8AC1 ■ -0AA0** | 10.3 |
| | | | | | | | | | | | | | | | | M10 | | | **2LC0100-8AC2 ■ -0AA0** | |
| **200** | 1340 | 3400 | – | 85 | 200 | 140 | 80 | 4 | 51 | 131 | 248 | 120 | 224 | 16 | 8 | 14 | 0.051 | 0.04 | **2LC0101-0AC1 ■ -0AA0** | 14 |
| | | | | | | | | | | | | | | | | M12 | | | **2LC0101-0AC2 ■ -0AA0** | |
| **225** | 2000 | 3000 | – | 90 | 225 | 150 | 90 | 4 | 56 | 146 | 274 | 135 | 250 | 16 | 8 | 14 | 0.085 | 0.07 | **2LC0101-1AC1 ■ -0AA0** | 17 |
| | | | | | | | | | | | | | | | | M12 | | | **2LC0101-1AC2 ■ -0AA0** | |
| **250** | 2800 | 2750 | 46 | 100 | 250 | 165 | 100 | 5.5 | 65.5 | 165.5 | 314 | 150 | 282 | 20 | 8 | 18 | 0.16 | 0.12 | **2LC0101-2AC1 ■ -0AA0** | 26 |
| | | | | | | | | | | | | | | | | M16 | | | **2LC0101-2AC2 ■ -0AA0** | |
| **280** | 3900 | 2450 | 54 | 110 | 280 | 180 | 110 | 5.5 | 70.5 | 180.5 | 344 | 170 | 312 | 20 | 8 | 18 | 0.24 | 0.18 | **2LC0101-3AC1 ■ -0AA0** | 32 |
| | | | | | | | | | | | | | | | | M16 | | | **2LC0101-3AC2 ■ -0AA0** | |

| | | |
|---|---|---|
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

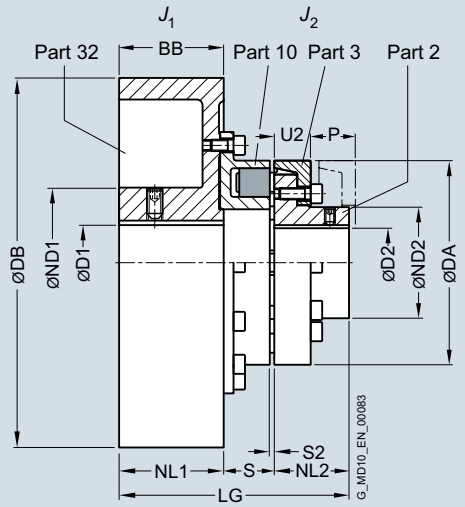
Weights and mass moments of inertia apply to maximum bore diameters.

Ordering example:
N-EUPEX E coupling, size 125,
Part 10 with through bores,
Part 4: Bore D2 38H7 mm, keyway to DIN 6885-1 and set screw.

Article No.:
**2LC0100-5AC19-0AA0**
**M0V**

The article number applies to standard flexibles of 80 ShoreA; the article number for alternative flexible types is available on request.

## Selection and ordering data




For dimensions U2 and P, see type A

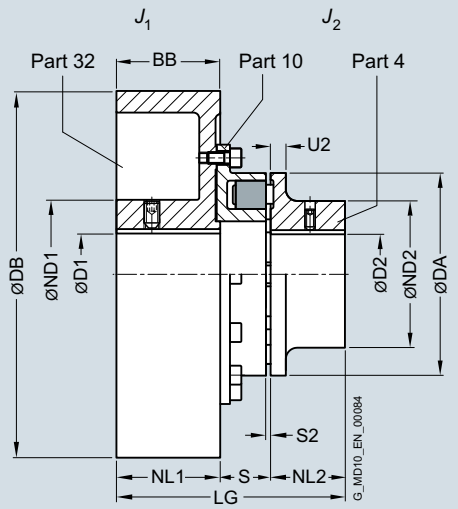
| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1/ BB | NL2 | S2 | S | DB | U2 | LG | $J_1$ | $J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **125** | 240 | 3400 | – | 55 | – | 45 | 125 | 84 | 75 | 75 | 50 | 3 | 31 | 200 | 23 | 156 | 0.043 | 0.004 | **2LC0100-5AF ■ ■ -0BA0** | 10.9 |
| **140** | 360 | 2750 | – | 60 | – | 50 | 140 | 128 | 82 | 95 | 55 | 3 | 34 | 250 | 28 | 184 | 0.13 | 0.008 | **2LC0100-6AF ■ ■ -0CA0** | 21 |
| **160** | 560 | 2750 | – | 70 | – | 58 | 160 | 128 | 95 | 95 | 60 | 4 | 40 | 250 | 28 | 195 | 0.14 | 0.014 | **2LC0100-7AF ■ ■ -0CA0** | 22 |
| **180** | 880 | 2750 | – | 80 | – | 65 | 180 | 128 | 108 | 95 | 70 | 4 | 41 | 250 | 30 | 206 | 0.16 | 0.025 | **2LC0100-8AF ■ ■ -0CA0** | 28 |
| | | 2150 | – | 80 | | | | 128 | | 118 | | | 43 | 315 | | 231 | 0.35 | | **2LC0100-8AF ■ ■ -0DA0** | 35 |
| **200** | 1340 | 2150 | – | 80 | – | 75 | 200 | 128 | 122 | 118 | 80 | 4 | 48 | 315 | 32 | 246 | 0.37 | 0.04 | **2LC0101-0AF ■ ■ -0DA0** | 40 |
| | | 1700 | – | 90 | | | | 160 | | 150 | | | 48 | 400 | | 278 | 1.1 | | **2LC0101-0AF ■ ■ -0FA0** | 60 |
| | | 1400 | – | 110 | | | | 175 | | 190 | | | 48 | 500 | | 318 | 2.8 | | **2LC0101-0AF ■ ■ -0HA0** | 98 |
| **225** | 2000 | 2150 | – | 80 | – | 85 | 225 | 128 | 138 | 118 | 90 | 4 | 51 | 315 | 38 | 259 | 0.39 | 0.08 | **2LC0101-1AF ■ ■ -0DA0** | 47 |
| | | 1700 | – | 90 | | | | 160 | | 150 | | | 53 | 400 | | 293 | 1.1 | | **2LC0101-1AF ■ ■ -0FA0** | 65 |
| | | 1400 | 38 | 110 | | | | 175 | | 190 | | | 53 | 500 | | 333 | 3.1 | | **2LC0101-1AF ■ ■ -0HA0** | 104 |
| **250** | 2800 | 1700 | – | 100 | – | 95 | 250 | 160 | 155 | 150 | 100 | 5.5 | 63.5 | 400 | 42 | 313.5 | 1.16 | 0.13 | **2LC0101-2AF ■ ■ -0FA0** | 76 |
| | | 1400 | 38 | 110 | | | | 175 | | 190 | | | 63.5 | 500 | | 353.5 | 2.9 | | **2LC0101-2AF ■ ■ -0HA0** | 113 |
| **280** | 3900 | 1700 | – | 100 | 54 | 105 | 280 | 160 | 172 | 150 | 110 | 5.5 | 65.5 | 400 | 42 | 325.5 | 1.24 | 0.2 | **2LC0101-3AF ■ ■ -0FA0** | 85 |
| | | 1400 | 48 | 110 | | | | 175 | | 190 | | | 68.5 | 500 | | 368.5 | 3.1 | | **2LC0101-3AF ■ ■ -0HA0** | 118 |
| | | 1100 | 48 | 110 | | | | 175 | | 236 | | | 68.5 | 630 | | 414.5 | 8.0 | | **2LC0101-3AF ■ ■ -0KA0** | 171 |
| **315** | 5500 | 1700 | – | 100 | 46 | 100 | 315 | 160 | 165 | 150 | 125 | 5.5 | 73.5 | 400 | 47 | 348.5 | 1.4 | 0.32 | **2LC0101-4AF ■ ■ -0FA0** | 96 |
| | | 1400 | 48 | 110 | | | | 175 | | 190 | | | 73.5 | 500 | | 388.5 | 3.3 | | **2LC0101-4AF ■ ■ -0HA0** | 134 |
| | | 1100 | 48 | 110 | | | | 175 | | 236 | | | 73.5 | 630 | | 434.5 | 8.2 | | **2LC0101-4AF ■ ■ -0KA0** | 183 |
| | | 1000 | 55 | 120 | | | | 192 | | 265 | | | 73.5 | 710 | | 463.5 | 14.2 | | **2LC0101-4AF ■ ■ -0LA0** | 236 |
| **315** | 5500 | 1700 | – | 100 | 90 | 120 | 315 | 160 | 200 | 150 | 125 | 5.5 | 73.5 | 400 | 47 | 348.5 | 1.4 | 0.35 | **2LC0101-4AF ■ ■ -0FA0** | 97 |
| | | 1400 | 48 | 110 | | | | 175 | | 190 | | | 73.5 | 500 | | 388.5 | 3.3 | | **2LC0101-4AF ■ ■ -0HA0** | 136 |
| | | 1100 | 48 | 110 | | | | 175 | | 236 | | | 73.5 | 630 | | 434.5 | 8.2 | | **2LC0101-4AF ■ ■ -0KA0** | 185 |
| | | 1000 | 55 | 120 | | | | 192 | | 265 | | | 73.5 | 710 | | 463.5 | 14.2 | | **2LC0101-4AF ■ ■ -0LA0** | 238 |
| **350** | 7700 | 1100 | 48 | 110 | 61 | 110 | 350 | 175 | 180 | 236 | 140 | 5.5 | 76.5 | 630 | 51 | 452.5 | 8.5 | 0.54 | **2LC0101-5AF ■ ■ -0KA0** | 200 |
| | | 1000 | 55 | 120 | | | | 192 | | 265 | | | 76.5 | 710 | | 481.5 | 14.6 | | **2LC0101-5AF ■ ■ -0LA0** | 253 |
| **350** | 7700 | 1100 | 48 | 110 | 90 | 140 | 350 | 175 | 230 | 236 | 140 | 5.5 | 76.5 | 630 | 51 | 452.5 | 8.5 | 0.61 | **2LC0101-5AF ■ ■ -0KA0** | 203 |
| | | 1000 | 55 | 120 | | | | 192 | | 265 | | | 76.5 | 710 | | 481.5 | 14.6 | | **2LC0101-5AF ■ ■ -0LA0** | 257 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

Weights and mass moments of inertia apply to maximum bore diameters.

## Type O with brake drum

### Selection and ordering data




| Size | Rated torque flexible type 80 ShoreA | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1 BB | NL2 | S2 | S | DB | U2 | LG | $J_1$ | $J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **125** | 240 | 3400 | – | 55 | – | 55 | 125 | 84 | 100 | 75 | 50 | 3 | 31 | 200 | 18 | 156 | 0.043 | 0.006 | **2LC0100-5AE ■ ■ -0BA0** | 11.3 |
| **140** | 360 | 2750 | – | 60 | – | 60 | 140 | 128 | 100 | 95 | 55 | 3 | 34 | 250 | 20 | 184 | 0.13 | 0.007 | **2LC0100-6AE ■ ■ -0CA0** | 22.3 |
| **160** | 560 | 2750 | – | 70 | – | 65 | 160 | 128 | 108 | 95 | 60 | 4 | 40 | 250 | 20 | 195 | 0.14 | 0.01 | **2LC0100-7AE ■ ■ -0CA0** | 24 |
| **180** | 880 | 2750 | – | 80 | – | 75 | 180 | 128 | 125 | 95 | 70 | 4 | 41 | 250 | 20 | 206 | 0.16 | 0.02 | **2LC0100-8AE ■ ■ -0CA0** | 28 |
| | | 2150 | – | 80 | | | | | | 118 | | | 43 | 315 | | 231 | 0.35 | | **2LC0100-8AE ■ ■ -0DA0** | 35 |
| **200** | 1340 | 2150 | – | 80 | – | 85 | 200 | 128 | 140 | 118 | 80 | 4 | 48 | 315 | 24 | 246 | 0.37 | 0.04 | **2LC0101-0AE ■ ■ -0DA0** | 40 |
| | | 1700 | – | 90 | | | | 160 | | 150 | | | 48 | 400 | | 278 | 1.10 | | **2LC0101-0AE ■ ■ -0FA0** | 60 |
| | | 1400 | – | 110 | | | | 175 | | 190 | | | 48 | 500 | | 318 | 2.80 | | **2LC0101-0AE ■ ■ -0HA0** | 98 |
| **225** | 2000 | 2150 | – | 80 | – | 90 | 225 | 128 | 150 | 118 | 90 | 4 | 51 | 315 | 18 | 259 | 0.39 | 0.07 | **2LC0101-1AE ■ ■ -0DA0** | 45 |
| | | 1700 | – | 90 | | | | 160 | | 150 | | | 53 | 400 | | 293 | 1.10 | | **2LC0101-1AE ■ ■ -0FA0** | 63 |
| | | 1400 | 38 | 110 | | | | 175 | | 190 | | | 53 | 500 | | 333 | 3.10 | | **2LC0101-1AE ■ ■ -0HA0** | 102 |
| **250** | 2800 | 1700 | – | 100 | 46 | 100 | 250 | 160 | 165 | 150 | 100 | 5.5 | 63.5 | 400 | 18 | 313.5 | 1.16 | 0.12 | **2LC0101-2AE ■ ■ -0FA0** | 73 |
| | | 1400 | 38 | 110 | | | | 175 | | 190 | | | 63.5 | 500 | | 353.5 | 2.90 | | **2LC0101-2AE ■ ■ -0HA0** | 108 |
| **280** | 3900 | 1700 | – | 100 | 54 | 110 | 280 | 160 | 180 | 150 | 110 | 5.5 | 65.5 | 400 | 20 | 325.5 | 1.24 | 0.18 | **2LC0101-3AE ■ ■ -0FA0** | 82 |
| | | 1400 | 48 | 110 | | | | 175 | | 190 | | | 68.5 | 500 | | 368.5 | 3.10 | | **2LC0101-3AE ■ ■ -0HA0** | 115 |
| | | 1100 | 48 | 110 | | | | 175 | | 236 | | | 68.5 | 630 | | 414.5 | 8.0 | | **2LC0101-3AE ■ ■ -0KA0** | 168 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

Weights and mass moments of inertia apply to maximum bore diameters.

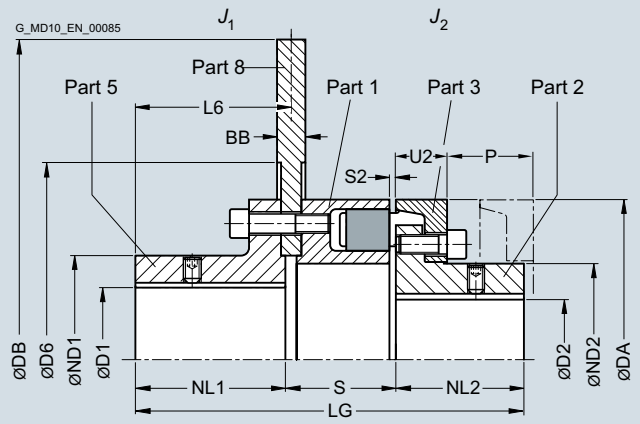
Ordering example:
N-EUPEX O coupling, size 200,
brake drum 315 x 118 mm,
Part 32: Bore D1 55H7 mm, keyway to DIN 6885 P9 and set screw,
Part 4: Bore D2 60H7 mm, keyway to DIN 6885 and set screw.

Coupling micro-balanced G6.3 at 1500 rpm in accordance with half parallel key standard.

Article No.:
**2LC0101-0AE99-0DA0-Z**
**L1D+M1E+W02**

The article number applies to standard flexibles of 80 ShoreA; the article number for alternative flexible types is available on request.

## Selection and ordering data




For dimensions U2 and P, see type A

| Size | Rated torque flexible type 80 ShoreA | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Plain text specification **DB; BB; D6; NL1** required for order code **P0Y** Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | D1 | D2 | | DA | ND1 | ND2 | NL1 | NL2 | S [1] | S2 [1] | DB | D6 | BB | L6 | LG | | $J_1$ | $J_2$ | | $m$ |
| | Nm | max. | min. | max. | | | | | | | | min. | min. | | | | | min. kgm² | kgm² | | min. kg |
| **140** | 360 | 55 | – | 50 | 140 | 85 | 82 | 72 | 55 | 54.35 | 3 | 315 | 175 | 12.7 | 74 | 181.35 | | 0.11 | 0.008 | **2LC0100-6AV ■ ■ -0ZA0 P0Y** | 15.5 |
| | | | | | | | | 72 | | 57.5 | | | | 15 | 76 | 184.5 | | 0.13 | | | 17 |
| | | | | | | | | 188 | | 73 | | | | 30 | 200 | 316 | | 0.24 | | | 28.5 |
| **160** | 560 | 70 | – | 58 | 160 | 105 | 95 | 90 | 60 | 58.35 | 4 | 315 | 175 | 12.7 | 91 | 208.35 | | 0.12 | 0.014 | **2LC0100-7AV ■ ■ -0ZA0 P0Y** | 19 |
| | | | | | | | | 90 | | 62.5 | | | | 15 | 94 | 212.5 | | 0.14 | | | 20.5 |
| | | | | | | | | 188 | | 78 | | | | 30 | 200 | 326 | | 0.26 | | | 32 |
| **180** | 880 | 80 | – | 65 | 180 | 125 | 108 | 90 | 70 | 60.35 | 4 | 355 | 200 | 12.7 | 91 | 220.35 | | 0.35 | 0.025 | **2LC0100-8AV ■ ■ -0ZA0 P0Y** | 25.5 |
| | | | | | | | | 90 | | 64.5 | | | | 15 | 94 | 224.5 | | 0.37 | | | 27 |
| | | | | | | | | 188 | | 80 | | | | 30 | 200 | 338 | | 0.57 | | | 43 |
| **200** | 1340 | 90 | – | 75 | 200 | 135 | 122 | 95 | 80 | 67.35 | 4 | 400 | 220 | 12.7 | 97 | 242.35 | | 0.32 | 0.04 | **2LC0101-0AV ■ ■ -0ZA0 P0Y** | 33 |
| | | | | | | | | 95 | | 70.5 | | | | 15 | 99 | 245.5 | | 0.36 | | | 36 |
| | | | | | | | | 188 | | 86 | | | | 30 | 200 | 354 | | 0.67 | | | 55 |
| **225** | 2000 | 105 | – | 85 | 225 | 160 | 138 | 100 | 90 | 72.35 | 4 | 450 | 250 | 12.7 | 103 | 262.35 | | 0.52 | 0.08 | **2LC0101-1AV ■ ■ -0ZA0 P0Y** | 44 |
| | | | | | | | | 100 | | 74.5 | | | | 15 | 104 | 264.5 | | 0.59 | | | 47 |
| | | | | | | | | 188 | | 90 | | | | 30 | 200 | 368 | | 1.1 | | | 72 |
| **250** | 2800 | 110 | – | 95 | 250 | 170 | 155 | 105 | 100 | 83.35 | 6 | 500 | 280 | 12.7 | 107 | 288.35 | | 1.6 | 0.13 | **2LC0101-2AV ■ ■ -0ZA0 P0Y** | 58 |
| | | | | | | | | 105 | | 86.5 | | | | 15 | 109 | 291.5 | | 1.7 | | | 61 |
| | | | | | | | | 188 | | 102 | | | | 30 | 200 | 390 | | 2.5 | | | 90 |
| **280** | 3900 | 130 | 54 | 105 | 280 | 200 | 172 | 120 | 110 | 87.35 | 6 | 560 | 310 | 12.7 | 122 | 317.35 | | 1.3 | 0.20 | **2LC0101-3AV ■ ■ -0ZA0 P0Y** | 76 |
| | | | | | | | | 120 | | 90.5 | | | | 15 | 124 | 320.5 | | 1.5 | | | 80 |
| | | | | | | | | 188 | | 106 | | | | 30 | 200 | 404 | | 2.7 | | | 115 |
| **315** | 5500 | 130 | 46 | 100 | 315 | 200 | 165 | 130 | 125 | 87.35 | 6 | 630 | 350 | 12.7 | 130 | 342.35 | | 2.1 | 0.32 | **2LC0101-4AV ■ ■ -0ZA0 P0Y** | 98 |
| | | | | | | | | 130 | | 92.5 | | | | 15 | 134 | 347.5 | | 2.3 | | | 100 |
| | | | | | | | | 188 | | 108 | | | | 30 | 200 | 421 | | 4.2 | | | 140 |
| **315** | 5500 | 130 | 90 | 120 | 315 | 200 | 200 | 130 | 125 | 87.35 | 6 | 630 | 350 | 12.7 | 130 | 342.35 | | 2.1 | 0.35 | **2LC0101-4AV ■ ■ -0ZA0 P0Y** | 100 |
| | | | | | | | | 130 | | 92.5 | | | | 15 | 134 | 347.5 | | 2.3 | | | 105 |
| | | | | | | | | 188 | | 108 | | | | 30 | 200 | 421 | | 4.2 | | | 145 |
| **350** | 7700 | 140 | 61 | 110 | 350 | 230 | 180 | 135 | 140 | 97.35 | 6 | 710 | 390 | 12.7 | 136 | 372.35 | | 3.3 | 0.54 | **2LC0101-5AV ■ ■ -0ZA0 P0Y** | 130 |
| | | | | | | | | 135 | | 101.5 | | | | 15 | 139 | 376.5 | | 3.8 | | | 135 |
| | | | | | | | | 188 | | 117 | | | | 30 | 200 | 445 | | 6.7 | | | 190 |
| **350** | 7700 | 140 | 90 | 140 | 350 | 230 | 230 | 135 | 140 | 97.35 | 6 | 710 | 390 | 12.7 | 136 | 372.35 | | 3.3 | 0.61 | **2LC0101-5AV ■ ■ -0ZA0 P0Y** | 135 |
| | | | | | | | | 135 | | 101.5 | | | | 15 | 139 | 376.5 | | 3.8 | | | 140 |
| | | | | | | | | 188 | | 117 | | | | 30 | 200 | 445 | | 6.7 | | | 190 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

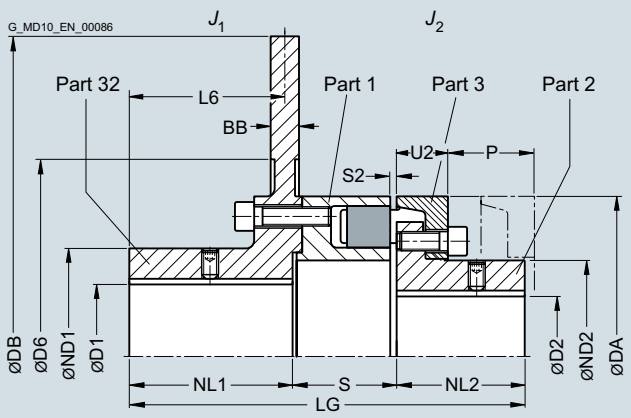
Weights and mass moments of inertia apply to maximum bore diameters.
Maximum speed in rpm: $n_{max}$ = 1146/DB  DB in m

Other brake disk diameters DB and brake disk widths BB on request.

[1] Gap dimension ΔS for coupling sizes 250, 280, 315 and 350 is +2/-3 mm.

## Type DBD with brake disk for easy elastomer flexible replacement

### Selection and ordering data




For dimensions U2 and P, see type A

| Size | Rated torque flexible type 80 ShoreA | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Plain text specification **DB; BB; D6; NL1** required for order code **P0Y** Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | D1 | D2 | | DA | ND1 | ND2 | NL1 | NL2 | S [1] | S2 [1] | DB | D6 | BB | L6 | LG | $J_1$ | $J_2$ | | $m$ |
| | Nm | max. | min. | max. | | | | | | | | min. | min. | | | | min. kgm² | kgm² | | min. kg |
| **140** | 360 | 55 | – | 50 | 140 | 85 | 82 | 81.5 | 55 | 49.5 | 3 | 315 | 175 | 12.7 | 74 | 186 | 0.10 | 0.008 | **2LC0100-6AU ■ ■ -0ZA0 P0Y** | 15 |
| | | | | | | | | 81.5 | | | | | | 15 | 73 | 186 | 0.12 | | | 16 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 316 | 0.22 | | | 26 |
| **160** | 560 | 70 | – | 58 | 160 | 105 | 95 | 98.5 | 60 | 54.5 | 4 | 315 | 175 | 12.7 | 91 | 213 | 0.11 | 0.014 | **2LC0100-7AU ■ ■ -0ZA0 P0Y** | 18 |
| | | | | | | | | 98.5 | | | | | | 15 | 90 | 213 | 0.13 | | | 19 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 326 | 0.23 | | | 30 |
| **180** | 880 | 80 | – | 65 | 180 | 125 | 108 | 98.5 | 70 | 56.5 | 4 | 355 | 200 | 12.7 | 91 | 225 | 0.33 | 0.025 | **2LC0100-8AU ■ ■ -0ZA0 P0Y** | 24 |
| | | | | | | | | 98.5 | | | | | | 15 | 90 | 225 | 0.36 | | | 25.5 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 338 | 0.53 | | | 40 |
| **200** | 1340 | 90 | – | 75 | 200 | 135 | 122 | 104.5 | 80 | 62.5 | 4 | 400 | 220 | 12.7 | 97 | 247 | 0.30 | 0.04 | **2LC0101-0AU ■ ■ -0ZA0 P0Y** | 32.5 |
| | | | | | | | | 104.5 | | | | | | 15 | 96 | 247 | 0.34 | | | 34 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 354 | 0.61 | | | 51 |
| **225** | 2000 | 105 | – | 85 | 225 | 160 | 138 | 111.5 | 90 | 66.5 | 4 | 450 | 250 | 12.7 | 103 | 268 | 0.48 | 0.08 | **2LC0101-1AU ■ ■ -0ZA0 P0Y** | 43 |
| | | | | | | | | 111.5 | | | | | | 15 | 102 | 268 | 0.55 | | | 45 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 368 | 1.0 | | | 66 |
| **250** | 2800 | 110 | – | 95 | 250 | 170 | 155 | 116.5 | 100 | 78.5 | 6 | 500 | 280 | 12.7 | 107 | 295 | 1.5 | 0.13 | **2LC0101-2AU ■ ■ -0ZA0 P0Y** | 56 |
| | | | | | | | | 116.5 | | | | | | 15 | 106 | 295 | 1.6 | | | 58 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 390 | 2.3 | | | 83 |
| **280** | 3900 | 130 | 54 | 105 | 280 | 200 | 172 | 131.5 | 110 | 82.5 | 6 | 560 | 310 | 12.7 | 122 | 324 | 1.2 | 0.20 | **2LC0101-3AU ■ ■ -0ZA0 P0Y** | 73 |
| | | | | | | | | 131.5 | | | | | | 15 | 121 | 324 | 1.3 | | | 76 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 404 | 2.4 | | | 107 |
| **315** | 5500 | 130 | 46 | 100 | 315 | 200 | 165 | 141.5 | 125 | 84.5 | 6 | 630 | 350 | 12.7 | 130 | 351 | 1.9 | 0.32 | **2LC0101-4AU ■ ■ -0ZA0 P0Y** | 93 |
| | | | | | | | | 141.5 | | | | | | 15 | 129 | 351 | 2.1 | | | 97 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 421 | 3.8 | | | 130 |
| **315** | 5500 | 130 | 90 | 120 | 315 | 200 | 200 | 141.5 | 125 | 84.5 | 6 | 630 | 350 | 12.7 | 130 | 351 | 1.9 | 0.35 | **2LC0101-4AU ■ ■ -0ZA0 P0Y** | 96 |
| | | | | | | | | 141.5 | | | | | | 15 | 129 | 351 | 2.1 | | | 100 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 421 | 3.8 | | | 135 |
| **350** | 7700 | 140 | 61 | 110 | 350 | 220 | 180 | 146.5 | 140 | 93.5 | 6 | 710 | 390 | 12.7 | 135 | 380 | 3.8 | 0.54 | **2LC0101-5AU ■ ■ -0ZA0 P0Y** | 145 |
| | | | | | | | | 146.5 | | | | | | 15 | 134 | 380 | 4.2 | | | 150 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 445 | 6.0 | | | 170 |
| **350** | 7700 | 140 | 90 | 140 | 350 | 220 | 230 | 146.5 | 140 | 93.5 | 6 | 710 | 390 | 12.7 | 135 | 380 | 3.8 | 0.61 | **2LC0101-5AU ■ ■ -0ZA0 P0Y** | 150 |
| | | | | | | | | 146.5 | | | | | | 15 | 134 | 380 | 4.2 | | | 155 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 445 | 6.0 | | | 175 |

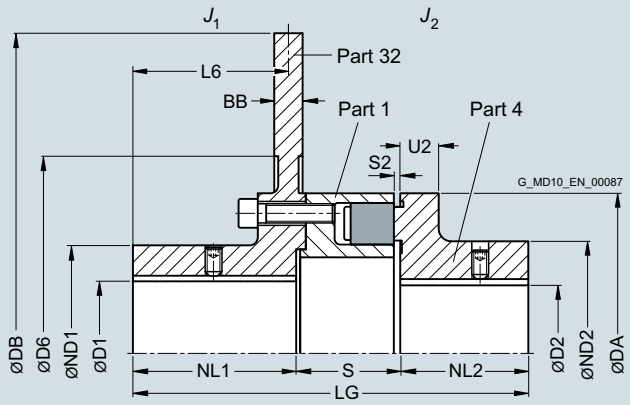
| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

Weights and mass moments of inertia apply to maximum bore diameters.
Maximum speed in rpm: $n_{max}$ = 1146/DB  DB in m

Other brake disk diameters DB and brake disk widths BB on request.

[1] Gap dimension ΔS for coupling sizes 250, 280, 315 and 350 is +2/-3 mm.

## Selection and ordering data




For dimension U2, see type B

| Size | Rated torque flexible type 80 ShoreA | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Plain text specification **DB; BB; D6; NL1** required for order code **P0Y** Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1 | NL2 | S 1) | S2 1) | DB min. | D6 min. | BB | L6 | LG | $J_1$ min. | $J_2$ | | $m$ min. |
| | Nm | | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **140** | 360 | 55 | – | 60 | 140 | 85 | 100 | 81.5 | 55 | 49.5 | 3 | 315 | 175 | 12.7 | 74 | 186 | 0.10 | 0.007 | **2LC0100-6AW ■ ■ -0ZA0 P0Y** | 15 |
| | | | | | | | | 81.5 | | | | | | 15 | 73 | 186 | 0.12 | | | 16 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 316 | 0.22 | | | 26 |
| **160** | 560 | 70 | – | 65 | 160 | 105 | 108 | 98.5 | 60 | 54.5 | 4 | 315 | 175 | 12.7 | 91 | 213 | 0.11 | 0.01 | **2LC0100-7AW ■ ■ -0ZA0 P0Y** | 18 |
| | | | | | | | | 98.5 | | | | | | 15 | 90 | 213 | 0.13 | | | 19 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 326 | 0.23 | | | 30 |
| **180** | 880 | 80 | – | 75 | 180 | 125 | 125 | 98.5 | 70 | 56.5 | 4 | 355 | 200 | 12.7 | 91 | 225 | 0.33 | 0.02 | **2LC0100-8AW ■ ■ -0ZA0 P0Y** | 24 |
| | | | | | | | | 98.5 | | | | | | 15 | 90 | 225 | 0.36 | | | 25.5 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 338 | 0.53 | | | 40 |
| **200** | 1340 | 90 | – | 85 | 200 | 135 | 140 | 104.5 | 80 | 62.5 | 4 | 400 | 220 | 12.7 | 97 | 247 | 0.30 | 0.04 | **2LC0101-0AW ■ ■ -0ZA0 P0Y** | 32.5 |
| | | | | | | | | 104.5 | | | | | | 15 | 96 | 247 | 0.34 | | | 34 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 354 | 0.61 | | | 51 |
| **225** | 2000 | 105 | – | 90 | 225 | 160 | 150 | 111.5 | 90 | 66.5 | 4 | 450 | 250 | 12.7 | 103 | 268 | 0.48 | 0.07 | **2LC0101-1AW ■ ■ -0ZA0 P0Y** | 43 |
| | | | | | | | | 111.5 | | | | | | 15 | 102 | 268 | 0.55 | | | 45 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 368 | 1.0 | | | 66 |
| **250** | 2800 | 110 | 46 | 100 | 250 | 170 | 165 | 116.5 | 100 | 78.5 | 6 | 500 | 280 | 12.7 | 107 | 295 | 1.5 | 0.12 | **2LC0101-2AW ■ ■ -0ZA0 P0Y** | 56 |
| | | | | | | | | 116.5 | | | | | | 15 | 106 | 295 | 1.6 | | | 58 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 390 | 2.3 | | | 83 |
| **280** | 3900 | 130 | 54 | 110 | 280 | 200 | 180 | 131.5 | 110 | 82.5 | 6 | 560 | 310 | 12.7 | 122 | 324 | 1.2 | 0.18 | **2LC0101-3AW ■ ■ -0ZA0 P0Y** | 73 |
| | | | | | | | | 131.5 | | | | | | 15 | 121 | 324 | 1.3 | | | 76 |
| | | | | | | | | 211.5 | | | | | | 30 | 200 | 404 | 2.4 | | | 107 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

Weights and mass moments of inertia apply to maximum bore diameters.

Ordering example:
N-EUPEX EBD coupling, size 200,
brake disk DIN 15432-AM-400 mm x 30 mm,
Bore D1 55H7 mm, with keyway to DIN 6885 P9 and set screw,
Bore D2 60H7 mm, with keyway to DIN 6885 and set screw.
Coupling micro-balanced G6.3 at 1500 rpm in accordance with the half parallel key standard.

Article No.:
**2LC0101-0AW99-0ZA0-Z**
**L1D+M1E+P0Y+W02**
Plain text to P0Y:
**DB = 400 mm; BB = 30 mm; D6 = 220 mm; NL1 = 211.5 mm**

The article number applies to standard flexibles of 80 ShoreA; the article number for alternative flexible types is available on request.

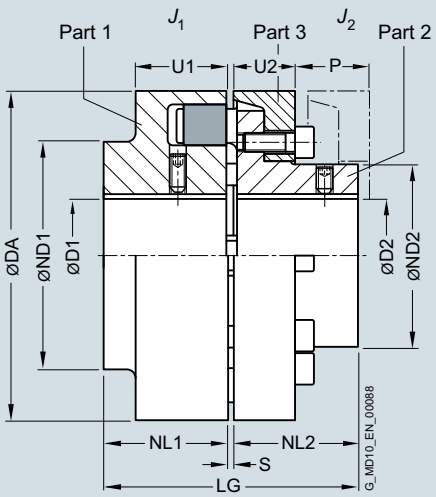
Other brake disk diameters DB and brake disk widths BB on request.

Maximum speed in rpm:
$n_{max}$ = 1146/DB  DB in m

1) Gap dimension ΔS for coupling sizes 250 and 280 is +2/-3 mm.

## Type ADS
## for easy elastomer flexible replacement

### Selection and ordering data




| Size | Rated torque | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | Mass moment of inertia | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1/ NL2 | S | U1 | U2 | P | LG | $J_1/J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | kgm$^2$ | | kg |
| **118** | 160 | 5300 | – | 48 | – | 38 | 118 | 86 | 62 | 40 | 3 | 34 | 20 | 33 | 83 | 0.003 | **2LC0110-4AB ■ ■ -0AA0** | 3.5 |
| **135** | 240 | 5100 | – | 55 | – | 45 | 135 | 100 | 75 | 50 | 3 | 36 | 23 | 38 | 103 | 0.006 | **2LC0110-5AB ■ ■ -0AA0** | 5.5 |
| **152** | 360 | 4900 | – | 60 | – | 50 | 152 | 108 | 82 | 55 | 3 | 36 | 28 | 43 | 113 | 0.011 | **2LC0110-6AB ■ ■ -0AA0** | 7.7 |
| **172** | 560 | 4250 | – | 65 | – | 58 | 172 | 118 | 95 | 60 | 4 | 41 | 28 | 47 | 124 | 0.019 | **2LC0110-7AB ■ ■ -0AA0** | 10.5 |
| **194** | 880 | 3800 | – | 75 | – | 65 | 194 | 135 | 108 | 70 | 4 | 44 | 30 | 50 | 144 | 0.036 | **2LC0110-8AB ■ ■ -0AA0** | 15 |
| **218** | 1340 | 3400 | – | 85 | – | 75 | 218 | 150 | 122 | 80 | 4 | 47 | 32 | 53 | 164 | 0.062 | **2LC0111-0AB ■ ■ -0AA0** | 21 |
| **245** | 2000 | 3000 | – | 90 | – | 85 | 245 | 150 | 138 | 90 | 4 | 52 | 38 | 61 | 184 | 0.10 | **2LC0111-1AB ■ ■ -0AA0** | 28 |
| **272** | 2800 | 2750 | 46 | 100 | – | 95 | 272 | 165 | 155 | 100 | 5.5 | 60 | 42 | 69 | 205.5 | 0.18 | **2LC0111-2AB ■ ■ -0AA0** | 40 |
| **305** | 3900 | 2450 | 49 | 110 | 54 | 105 | 305 | 180 | 172 | 110 | 5.5 | 65 | 42 | 73 | 225.5 | 0.28 | **2LC0111-3AB ■ ■ -0AA0** | 50 |
| **340** | 5500 | 2150 | 49 | 120 | 46 | 100 | 340 | 200 | 165 | 125 | 5.5 | 70 | 47 | 78 | 255.5 | 0.45 | **2LC0111-4AB ■ ■ -0AA0** | 72 |
| | | | | | 90 | 120 | | | 200 | | | | | | | 0.50 | | 73 |
| **380** | 7700 | 2000 | 61 | 140 | 61 | 110 | 380 | 230 | 180 | 140 | 5.5 | 74 | 51 | 83 | 285.5 | 0.75 | **2LC0111-5AB ■ ■ -0AA0** | 100 |
| | | | | | 90 | 140 | | | 230 | | | | | | | 0.80 | | 104 |
| **430** | 10300 | 1700 | 66 | 150 | 66 | 120 | 430 | 250 | 200 | 160 | 5.5 | 78 | 56 | 88 | 325.5 | 1.2 | **2LC0111-6AB ■ ■ -0AA0** | 135 |
| | | | | | 100 | 150 | | | 250 | | | | | | | 1.4 | | 140 |
| **472** | 13500 | 1550 | 80 | 160 | 80 | 130 | 472 | 265 | 215 | 180 | 7.5 | 86 | 64 | 99 | 367.5 | 2.0 | **2LC0111-7AB ■ ■ -0AA0** | 174 |
| | | | | | 120 | 160 | | | 265 | | | | | | | 2.1 | | 180 |
| **514** | 16600 | 1400 | 90 | 180 | 90 | 145 | 514 | 300 | 240 | 190 | 7.5 | 90 | 65 | 104 | 387.5 | 2.9 | **2LC0111-8AB ■ ■ -0AA0** | 220 |
| | | | | | 136 | 180 | | | 300 | | | | | | | 3.2 | | 237 |
| **556** | 21200 | 1300 | 100 | 190 | 100 | 150 | 556 | 315 | 250 | 210 | 7.5 | 102 | 68 | 115 | 427.5 | 4.3 | **2LC0112-0AB ■ ■ -0AA0** | 281 |
| | | | | | 140 | 190 | | | 315 | | | | | | | 4.7 | | 290 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • Without finished bore from size 340 for 2nd diameter range D2 – Without order codes | **2** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

The hub diameter of the component part is assigned according to the diameter of the finished bore. Where bore diameters overlap, the component with the smaller hub diameter is always selected.

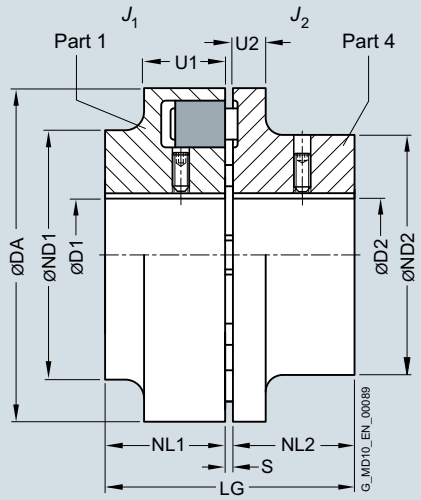
Weights and mass moments of inertia apply to maximum bore diameters.

Ordering example:
N-EUPEX ADS coupling, size 135,
Part 1: Bore D1 42H7 mm, keyway to DIN 6885 and set screw,
Part 2: Bore D2 32H7 mm, keyway to DIN 6885 and set screw.

Article No.:
**2LC0110-5AB99-0AA0**
**L0X+M0T**

The article number applies to NBR standard flexibles; the article number for alternative flexible type is available on request.

## Selection and ordering data




| Size | Rated torque | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | Mass moment of inertia | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1/ NL2 | S | U1 | U2 | LG | $J_1/J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | kgm² | | kg |
| **66** | 19 | 7500 | – | 19 | – | 24 | 66 | 66 | 40 | 20 | 3 | 20 | 8 | 43 | 0.0001 | **2LC0110-0AA ■ ■ -0AA0** | 0.50 |
| **76** | 34 | 7000 | – | 24 | – | 28 | 76 | 76 | 50 | 20 | 3 | 20 | 8 | 43 | 0.0002 | **2LC0110-1AA ■ ■ -0AA0** | 0.65 |
| **88** | 60 | 6000 | – | 30 | – | 38 | 88 | 88 | 68 | 30 | 3 | 30 | 10 | 63 | 0.0006 | **2LC0110-2AA ■ ■ -0AA0** | 1.8 |
| **103** | 100 | 5500 | – | 42 | – | 42 | 103 | 76 | 76 | 35 | 3 | 30 | 12 | 73 | 0.0015 | **2LC0110-3AA ■ ■ -0AA0** | 3 |
| **118** | 160 | 5300 | – | 48 | – | 48 | 118 | 86 | 86 | 40 | 3 | 34 | 14 | 83 | 0.003 | **2LC0110-4AA ■ ■ -0AA0** | 3.7 |
| **135** | 240 | 5100 | – | 55 | – | 55 | 135 | 100 | 100 | 50 | 3 | 36 | 18 | 103 | 0.007 | **2LC0110-5AA ■ ■ -0AA0** | 6.1 |
| **152** | 360 | 4900 | – | 60 | – | 60 | 152 | 108 | 100 | 55 | 3 | 36 | 20 | 113 | 0.011 | **2LC0110-6AA ■ ■ -0AA0** | 7.0 |
| **172** | 560 | 4250 | – | 65 | – | 65 | 172 | 118 | 108 | 60 | 4 | 41 | 20 | 124 | 0.019 | **2LC0110-7AA ■ ■ -0AA0** | 11 |
| **194** | 880 | 3800 | – | 75 | – | 75 | 194 | 135 | 125 | 70 | 4 | 44 | 20 | 144 | 0.035 | **2LC0110-8AA ■ ■ -0AA0** | 17 |
| **218** | 1340 | 3400 | – | 85 | – | 85 | 218 | 150 | 140 | 80 | 4 | 47 | 24 | 164 | 0.06 | **2LC0111-0AA ■ ■ -0AA0** | 23 |
| **245** | 2000 | 3000 | – | 90 | – | 90 | 245 | 150 | 150 | 90 | 4 | 52 | 18 | 184 | 0.085 | **2LC0111-1AA ■ ■ -0AA0** | 27 |
| **272** | 2800 | 2750 | 46 | 100 | 46 | 100 | 272 | 165 | 165 | 100 | 5.5 | 60 | 18 | 205.5 | 0.15 | **2LC0111-2AA ■ ■ -0AA0** | 36 |
| **305** | 3900 | 2450 | 49 | 110 | 49 | 110 | 305 | 180 | 180 | 110 | 5.5 | 65 | 20 | 225.5 | 0.25 | **2LC0111-3AA ■ ■ -0AA0** | 47 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

Weights and mass moments of inertia apply to maximum bore diameters.

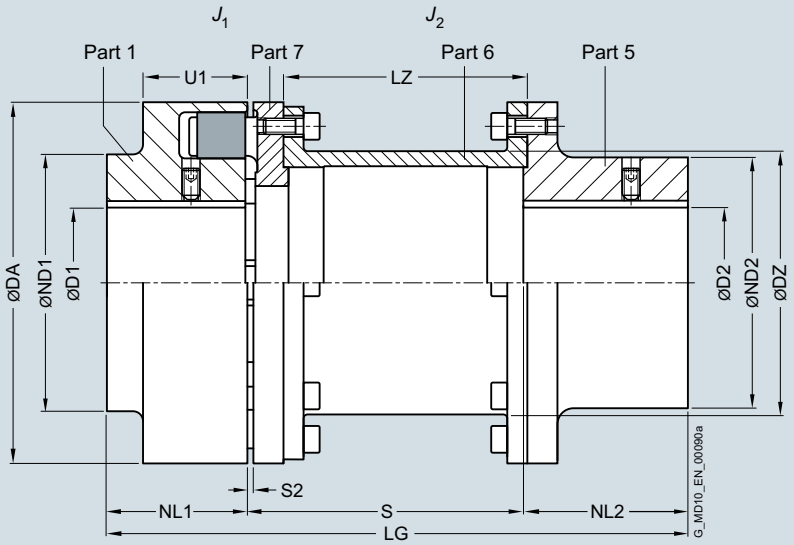
Ordering example:
N-EUPEX BDS coupling, size 103,
Part 1: Bore D1 42H7 mm, keyway to DIN 6885 and set screw,
Part 4: Bore D2 32H7 mm, keyway to DIN 6885 and set screw.

Article No.:
**2LC0110-3AA99-0AA0**
**L0X+M0T**

The article number applies to NBR standard flexibles; the article number for alternative flexible type is available on request.

## Type HDS

### Selection and ordering data




For dimension U1, see type A

| Size | Rated torque | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 min. | D1 max. | D2 min. | D2 max. | DA | ND1 | ND2 | NL1 | NL2 | S2 | S | LZ | DZ | LG | $J_1$ | $J_2$ | | $m$ |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **88** | 60 | 6000 | – | 30 | – | 32 | 88 | 88 | 55 | 30 | 45 | 5 | 100 | 87 | 51 | 175 | 0.0007 | 0.0014 | **2LC0110-2AC ■ ■ -0AA0** | 2.8 |
| | | | | | | | | | | | | | 140 | 127 | | 215 | | 0.0015 | **2LC0110-2AC ■ ■ -0AB0** | 2.9 |
| **103** | 100 | 5500 | – | 42 | – | 42 | 103 | 76 | 70 | 35 | 45 | 5 | 100 | 87 | 63 | 180 | 0.001 | 0.003 | **2LC0110-3AC ■ ■ -0AA0** | 4.0 |
| | | | | | | | | | | | | | 140 | 127 | | 220 | | 0.0033 | **2LC0110-3AC ■ ■ -0AB0** | 4.3 |
| **118** | 160 | 5300 | – | 48 | – | 48 | 118 | 86 | 80 | 40 | 50 | 5 | 100 | 85 | 73 | 190 | 0.003 | 0.006 | **2LC0110-4AC ■ ■ -0AA0** | 5.3 |
| | | | | | | | | | | | 50 | | 140 | 125 | | 230 | | 0.0064 | **2LC0110-4AC ■ ■ -0AB0** | 5.7 |
| | | | | | | | | | | | 60 | | 180 | 165 | | 280 | | 0.0068 | **2LC0110-4AC ■ ■ -0AC0** | 6.1 |
| **135** | 240 | 5100 | – | 55 | – | 55 | 135 | 100 | 90 | 50 | 50 | 5 | 100 | 85 | 85 | 200 | 0.006 | 0.01 | **2LC0110-5AC ■ ■ -0AA0** | 7.6 |
| | | | | | | | | | | | 50 | | 140 | 125 | | 240 | | 0.01 | **2LC0110-5AC ■ ■ -0AB0** | 8.1 |
| | | | | | | | | | | | 60 | | 180 | 165 | | 290 | | 0.012 | **2LC0110-5AC ■ ■ -0AC0** | 8.6 |
| | | | | | | | | | | | 70 | | 200 | 185 | | 320 | | 0.012 | **2LC0110-5AC ■ ■ -0AD0** | 8.9 |
| | | | | | | | | | | | 80 | | 250 | 235 | | 380 | | 0.013 | **2LC0110-5AC ■ ■ -0AE0** | 9.4 |
| **152** | 360 | 4900 | – | 60 | – | 60 | 152 | 108 | 100 | 55 | 65 | 5 | 100 | 82 | 91 | 220 | 0.011 | 0.02 | **2LC0110-6AC ■ ■ -0AA0** | 11.2 |
| | | | | | | | | | | | 65 | | 140 | 122 | | 260 | | 0.02 | **2LC0110-6AC ■ ■ -0AB0** | 11.7 |
| | | | | | | | | | | | 65 | | 180 | 162 | | 300 | | 0.022 | **2LC0110-6AC ■ ■ -0AC0** | 12.2 |
| | | | | | | | | | | | 65 | | 200 | 182 | | 320 | | 0.023 | **2LC0110-6AC ■ ■ -0AD0** | 12.5 |
| | | | | | | | | | | | 80 | | 250 | 232 | | 385 | | 0.024 | **2LC0110-6AC ■ ■ -0AE0** | 13.1 |
| **172** | 560 | 4250 | – | 65 | – | 65 | 172 | 118 | 108 | 60 | 70 | 6 | 100 | 81.5 | 111 | 230 | 0.019 | 0.03 | **2LC0110-7AC ■ ■ -0AA0** | 14.3 |
| | | | | | | | | | | | 70 | | 140 | 121.5 | | 270 | | 0.034 | **2LC0110-7AC ■ ■ -0AB0** | 15.0 |
| | | | | | | | | | | | 70 | | 180 | 161.5 | | 310 | | 0.036 | **2LC0110-7AC ■ ■ -0AC0** | 15.9 |
| | | | | | | | | | | | 70 | | 200 | 181.5 | | 330 | | 0.037 | **2LC0110-7AC ■ ■ -0AD0** | 16.2 |
| | | | | | | | | | | | 80 | | 250 | 231.5 | | 390 | | 0.039 | **2LC0110-7AC ■ ■ -0AE0** | 17.2 |
| **194** | 880 | 3800 | – | 75 | – | 75 | 194 | 135 | 125 | 70 | 80 | 6 | 140 | 121.5 | 131 | 290 | 0.037 | 0.058 | **2LC0110-8AC ■ ■ -0AB0** | 21 |
| | | | | | | | | | | | | | 180 | 161.5 | | 330 | | 0.062 | **2LC0110-8AC ■ ■ -0AC0** | 22 |
| | | | | | | | | | | | | | 200 | 181.5 | | 350 | | 0.064 | **2LC0110-8AC ■ ■ -0AD0** | 23 |
| | | | | | | | | | | | | | 250 | 231.5 | | 400 | | 0.069 | **2LC0110-8AC ■ ■ -0AE0** | 24 |
| **218** | 1340 | 3400 | – | 85 | – | 85 | 218 | 150 | 140 | 80 | 90 | 6 | 140 | 118.5 | 144 | 310 | 0.062 | 0.10 | **2LC0111-0AC ■ ■ -0AB0** | 30 |
| | | | | | | | | | | | | | 180 | 158.5 | | 350 | | 0.11 | **2LC0111-0AC ■ ■ -0AC0** | 31 |
| | | | | | | | | | | | | | 200 | 178.5 | | 370 | | 0.11 | **2LC0111-0AC ■ ■ -0AD0** | 32 |
| | | | | | | | | | | | | | 250 | 228.5 | | 420 | | 0.12 | **2LC0111-0AC ■ ■ -0AE0** | 33 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

## Type HDS

| Size | Rated torque | Speed | Dimensions in mm Bore with keyway to DIN 6885 | | | | | | | | | | | | | | Mass moment of inertia | | Article No. Order codes for bore diameters and tolerances are specified in catalog section 3 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $T_{KN}$ | $n_{Kmax}$ | D1 | | D2 | | DA | ND1 | ND2 | NL1 | NL2 | S2 | S | LZ | DZ | LG | $J_1$ | $J_2$ | | $m$ |
| | | | min. | max. | min. | max. | | | | | | | | | | | | | | |
| | Nm | rpm | | | | | | | | | | | | | | | kgm² | kgm² | | kg |
| **245** | 2000 | 3000 | – | 90 | – | 90 | 245 | 150 | 150 | 90 | 100 | 6 | 140 | 118.5 | 169 | 330 | 0.09 | 0.16 | **2LC0111-1AC ■ ■ -0AB0** | 35 |
| | | | | | | | | | | | | | 180 | 158.5 | | 370 | | 0.17 | **2LC0111-1AC ■ ■ -0AC0** | 36 |
| | | | | | | | | | | | | | 200 | 178.5 | | 390 | | 0.18 | **2LC0111-1AC ■ ■ -0AD0** | 37 |
| | | | | | | | | | | | | | 250 | 228.5 | | 430 | | 0.19 | **2LC0111-1AC ■ ■ -0AE0** | 39 |
| **272** | 2800 | 2750 | 46 | 100 | 46 | 100 | 272 | 165 | 165 | 100 | 110 | 8 | 180 | 152.5 | 185 | 390 | 0.16 | 0.3 | **2LC0111-2AC ■ ■ -0AC0** | 51 |
| | | | | | | | | | | | | | 200 | 172.5 | | 410 | | 0.31 | **2LC0111-2AC ■ ■ -0AD0** | 52 |
| | | | | | | | | | | | | | 250 | 222.5 | | 460 | | 0.33 | **2LC0111-2AC ■ ■ -0AE0** | 55 |
| **305** | 3900 | 2450 | 49 | 110 | 51 | 110 | 305 | 180 | 180 | 110 | 120 | 8 | 250 | 222.5 | 215 | 480 | 0.28 | 0.52 | **2LC0111-3AC ■ ■ -0AE0** | 74 |
| **340** | 5500 | 2150 | 49 | 120 | 51 | 120 | 340 | 200 | 200 | 125 | 140 | 8 | 250 | 222.5 | 250 | 515 | 0.50 | 0.87 | **2LC0111-4AC ■ ■ -0AE0** | 105 |
| **380** | 7700 | 2000 | 61 | 140 | 51 | 140 | 380 | 230 | 230 | 140 | 150 | 8 | 250 | 220.5 | 272 | 540 | 0.80 | 1.4 | **2LC0111-5AC ■ ■ -0AE0** | 130 |
| **430** | 10300 | 1700 | 66 | 150 | 51 | 150 | 430 | 250 | 250 | 160 | 180 | 8 | 250 | 185.5 | 310 | 590 | 1.4 | 2.5 | **2LC0111-6AC ■ ■ -0AE0** | 205 |
| **472** | 13500 | 1550 | 80 | 160 | 51 | 160 | 472 | 265 | 265 | 180 | 180 | 10 | 250 | 182 | 354 | 610 | 2.1 | 4.1 | **2LC0111-7AC ■ ■ -0AE0** | 235 |

| | | |
|---|---|---|
| ØD1: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |
| ØD2: | • Without finished bore – Without order codes | **1** |
| | • With finished bore – With order codes for diameter and tolerance (article number without **"-Z"**) | **9** |

During assembly, the gap dimension S2 must not exceed the permissible tolerance of +1 mm.

For sizes 305 to 472 the outer diameter of part 5 and part 7 is smaller than ØDA.

Weights and mass moments of inertia apply to maximum bore diameters.

Ordering example:
N-EUPEX HDS coupling, size 103, S3 = 100
Part 1: Bore D1 42H7 mm, keyway to DIN 6885-1 and set screw,
Part 5: Bore D2 32H7 mm, keyway to DIN 6885-1 and set screw.

Coupling micro-balanced G6.3 at 1500 rpm in accordance with the half parallel key standard.

Article No.:
**2LC0110-3AC99-0AA0-Z**
**L0X+M0T+W02**

The article number applies to NBR standard flexibles; the article number for alternative flexible type is available on request.

## Spare and wear parts

### Selection and ordering data

***Elastomer flexibles***

The elastomer flexibles are wear parts. The service life depends on the operating conditions.

Elastomer flexibles of the N-EUPEX series

| Size | Article No.<br>flexible set for one coupling<br>NBR elastomer flexibles<br>80 ShoreA standard type | Number of flexibles per set | Weight per set<br>kg |
|---|---|---|---|
| **58** | **2LC0100-0WA00-0AA0** | 4 | 0.012 |
| **68** | **2LC0100-1WA00-0AA0** | 5 | 0.015 |
| **80** | **2LC0100-2WA00-0AA0** | 6 | 0.02 |
| **95** | **2LC0100-3WA00-0AA0** | 6 | 0.03 |
| **110** | **2LC0100-4WA00-0AA0** | 6 | 0.045 |
| **125** | **2LC0100-5WA00-0AA0** | 6 | 0.06 |
| **140** | **2LC0100-6WA00-0AA0** | 6 | 0.09 |
| **160** | **2LC0100-7WA00-0AA0** | 7 | 0.12 |
| **180** | **2LC0100-8WA00-0AA0** | 8 | 0.17 |
| **200** | **2LC0101-0WA00-0AA0** | 8 | 0.23 |
| **225** | **2LC0101-1WA00-0AA0** | 8 | 0.3 |
| **250** | **2LC0101-2WA00-0AA0** | 8 | 0.38 |
| **280** | **2LC0101-3WA00-0AA0** | 8 | 0.55 |
| **315** | **2LC0101-4WA00-0AA0** | 9 | 0.7 |
| **350** | **2LC0101-5WA00-0AA0** | 9 | 0.85 |
| **400** | **2LC0101-6WA00-0AA0** | 10 | 1.2 |
| **440** | **2LC0101-7WA00-0AA0** | 10 | 1.5 |
| **480** | **2LC0101-8WA00-0AA0** | 10 | 2.1 |
| **520** | **2LC0102-0WA00-0AA0** | 10 | 2.6 |
| **560** | **2LC0102-1WA00-0AA0** | 10 | 3.6 |
| **610** | **2LC0102-2WA00-0AA0** | 10 | 4.9 |
| **660** | **2LC0102-3WA00-0AA0** | 10 | 6.3 |
| **710** | **2LC0102-4WA00-0AA0** | 10 | 7.6 |

Elastomer flexibles of the N-EUPEX DS series

| Size | Article No.<br>flexible set for one coupling<br>NBR elastomer flexibles<br>standard type | Number of flexibles per set | Weight per set<br>kg |
|---|---|---|---|
| **66** | **2LC0110-0WA00-0AA0** | 4 | 0.012 |
| **76** | **2LC0110-1WA00-0AA0** | 5 | 0.015 |
| **88** | **2LC0110-2WA00-0AA0** | 6 | 0.021 |
| **103** | **2LC0110-3WA00-0AA0** | 6 | 0.033 |
| **118** | **2LC0110-4WA00-0AA0** | 6 | 0.048 |
| **135** | **2LC0110-5WA00-0AA0** | 6 | 0.072 |
| **152** | **2LC0110-6WA00-0AA0** | 6 | 0.1 |
| **172** | **2LC0110-7WA00-0AA0** | 7 | 0.16 |
| **194** | **2LC0110-8WA00-0AA0** | 8 | 0.21 |
| **218** | **2LC0111-0WA00-0AA0** | 8 | 0.28 |
| **245** | **2LC0111-1WA00-0AA0** | 8 | 0.45 |
| **272** | **2LC0111-2WA00-0AA0** | 8 | 0.64 |
| **305** | **2LC0111-3WA00-0AA0** | 8 | 0.72 |
| **340** | **2LC0111-4WA00-0AA0** | 9 | 0.92 |
| **380** | **2LC0111-5WA00-0AA0** | 9 | 1.2 |
| **430** | **2LC0111-6WA00-0AA0** | 10 | 1.6 |
| **472** | **2LC0111-7WA00-0AA0** | 10 | 2.0 |
| **514** | **2LC0111-8WA00-0AA0** | 10 | 2.5 |
| **556** | **2LC0112-0WA00-0AA0** | 10 | 3.2 |

Flexibles of sizes 66 to 272 are of the compound type with a hard core and soft thrust pieces. Sizes 305 to 556 are completely made of 90 ShoreA NBR material.