

PIV DRIVES **POSIRED D**

- DE** Universelles und kompaktes Kegelmotor-Getriebe
- EN** Universal and compact right angle gear motor
- FR** Réducteurs à arbre perpendiculaire universel e compact

BREVINI POWER TRANSMISSION

Die Industriegruppe Brevini gehört zu den Marktführern in zwei bedeutenden Industriesektoren: mechanische Antriebstechnik und hydraulische Systeme. Die Unternehmen der Gruppe, die Planetengetriebe, Stirnrad- und Kegelstirnradgetriebe sowie Winden herstellen, werden gemeinsam in einem Geschäftsbereich geführt: Brevini Power Transmission.

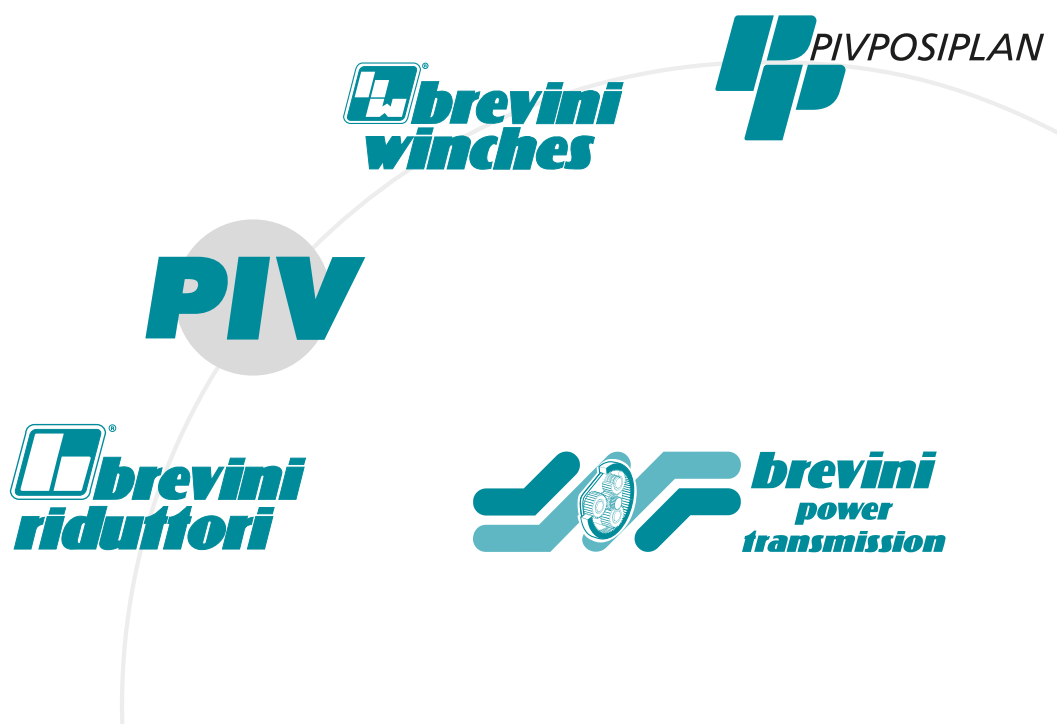
Mit seiner weltweiten Präsenz auf den wichtigsten Weltmärkten durch ein Netz von direkten Niederlassungen ist Brevini Power Transmission ein Weltunternehmen mit starken Wettbewerbsvorteilen: vollständiges Produktangebot, weltweiter Service, Erfahrung in jeder Art von Anwendungen, von selbstbewegenden Maschinen bis hin zu Industrieanlagen. Der konsolidierte Umsatz von Brevini Power Transmission beträgt 315 Millionen Euro mit 1200 Mitarbeitern. Die Holding Brevini Group erreicht einen Umsatz von 430 Millionen Euro mit 1800 Beschäftigten.

The Brevini industrial Group is a market leader in two strategic business areas: mechanical transmissions and hydraulic systems. The companies manufacturing planetary gear drives, helical and bevel-helical gearboxes, winches are managed together in the business unit: Brevini Power Transmission.

Present with a direct network in the main world markets, Brevini Power Transmission is a global player with strong competitive advantages: full product range, worldwide service, experience in all possible applications, both on mobile machines and on industrial equipment. Brevini Power Transmission now has a consolidated turnover of 315 million Euro, with 1200 employees. The holding company Brevini Group has a turnover of 430 million Euro, employing 1800 people.

Il Gruppo Brevini è leader di mercato in due importanti settori industriali: le trasmissioni meccaniche e i sistemi oleodinamici. Le società che producono riduttori epicicloidali, riduttori ad assi paralleli e ortogonali, argani, sono gestite in modo integrato nella business unit: Brevini Power Transmission.

Presente nei maggiori mercati mondiali con una rete diretta di filiali, Brevini Power Transmission è una impresa globale con forti vantaggi competitivi: gamma completa di prodotti, attività di servizio su scala mondiale, esperienza in tutti i tipi di applicazione, dalle macchine semoventi ai sistemi industriali. Brevini Power Transmission ha un giro d'affari consolidato di 315 milioni di Euro, con 1200 dipendenti. La holding Brevini Group ha raggiunto un fatturato di 430 milioni di Euro, dando lavoro a 1800 persone.



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Kegelstirnradgetriebe POSIRED D

Bevel helical gear units POSIRED D / Réducteurs cylindro-coniques POSIRED D



Das POSIRED D ist ein universell einsetzbares, kompaktes und robustes Motorgetriebe für den höheren Drehmomentbereich. Das Besondere dieses Getriebes ist die sehr kleine und kompakte Bauweise, wobei die Motorlaterne direkt im Getriebegehäuse integriert ist.

Kerneigenschaften:

- Horizontale und senkrechte Einbaulagen
- Drehmomentenstütze im Gehäuse integriert
- 6 Baugrößen nach dem Baukastenprinzip
- Verwendung von Standardbauteilen aus dem Getriebeprogramm POSIRED 2
- Preisvorteile durch Serienfertigung.



The POSIRED D is a universal compact and sturdy gear motor featuring high output torques. Its special features are the small and compact design and a monoblock housing with integral motor adapter.

Main features:

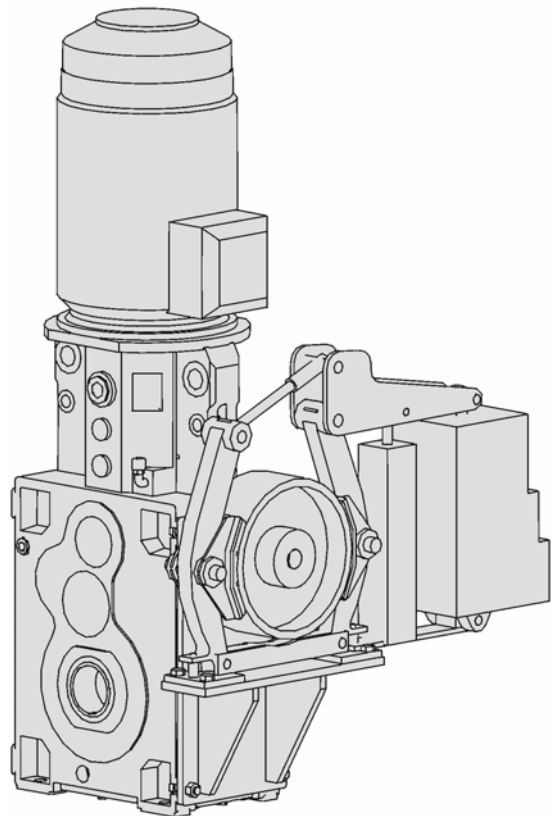
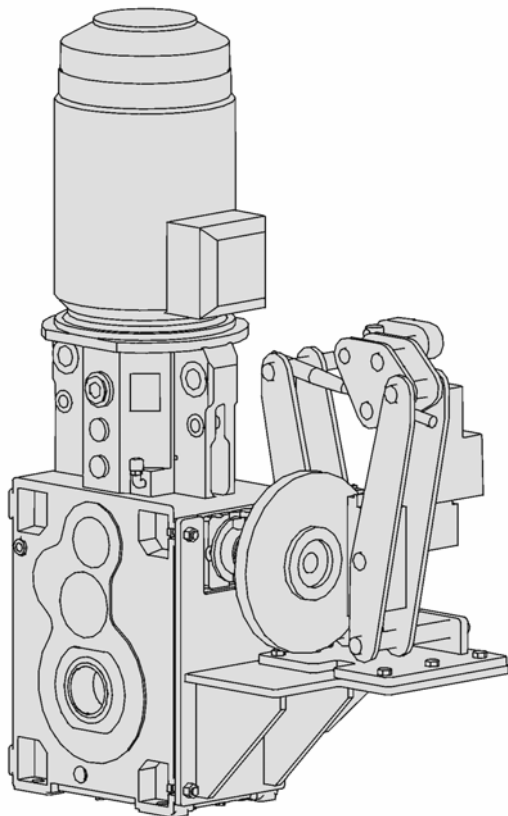
- Horizontal or upright fitting position
- Torque reaction arm integrated in the casing
- 6 frame sizes rated according to a modular system
- Use of standard components from the POSIRED 2 program
- Price-advantages through series manufacturing.



Les réducteurs universels et compacts POSIRED D sont fait pour transmettre de couples de sortie élevés. Leur spécificité consiste dans une dimension réduite et la construction compacte, avec une lanterne moteur moulée intégrée.

Principales caractéristiques:

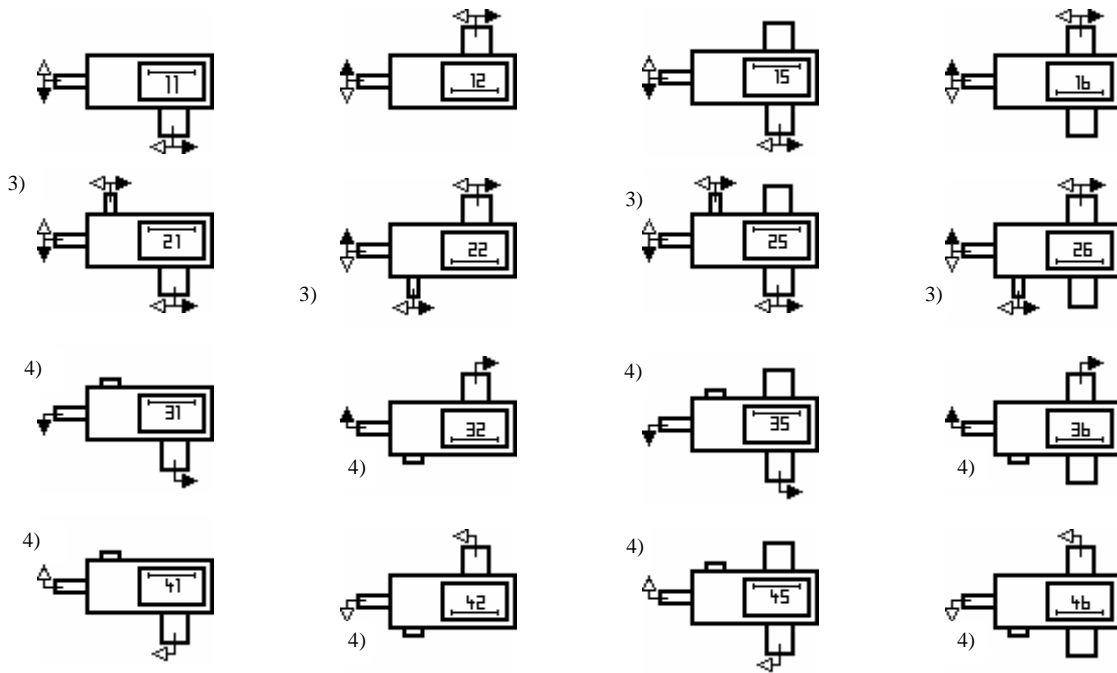
- Installation en position verticale ou horizontale
- Bras de réaction intégré au carter
- 6 tailles dimensionnées sur base modulaire
- Utilisation de repères standard du programme POSIRED 2
- Prix avantageux grâce aux coûts réduits d'usage.



Getriebe-Nennleistung

Nominal Power / Puissance nominale

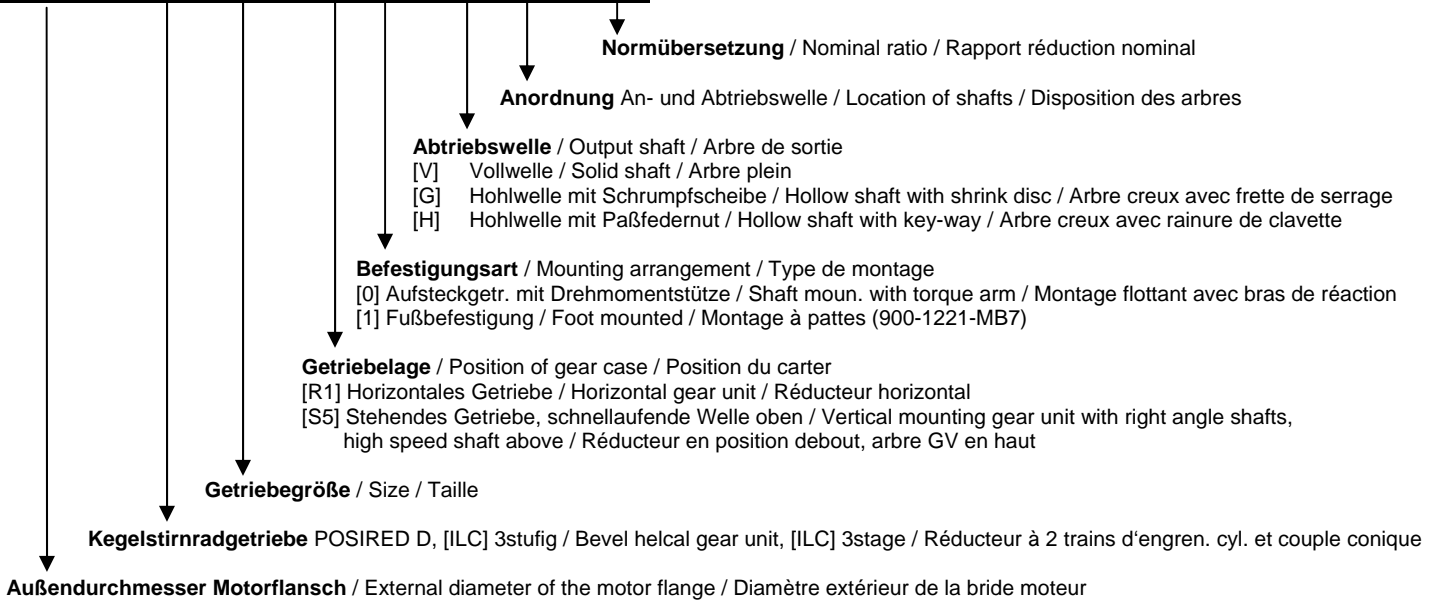
| Kegelstirnradgetriebe, 3stufig / Bevel helical gear units, 3stage / Réducteurs cylindro-coniques à 3 trains d'engren. cyl. et renvoi d'angle | Bauart/Type | | Getriebegröße / Size / Taille | | | | | | | | | | |
|---|-------------|---------------|---|----|----|----|----|-----|----|-----|-----|-----|-----|
| | ILC | | 14 | 16 | 18 | 19 | 20 | 22 | 25 | | | | |
| | i_N | n_1 [min-1] | Getriebe-Nennleistung / Nominal Power / Puissance nominale P_N [kW] | | | | | | | | | | |
| 18 | 1500 | 28 | | | 77 | | | 147 | | | | | |
| | 1000 | 19 | | | 51 | | | 98 | | | | | |
| 20 | 1500 | 26 | | | 66 | | | 132 | | | | | |
| | 1000 | 17 | | | 44 | | | 88 | | | | | |
| 22,4 | 1500 | 22 | | | 57 | | | 77 | | 116 | 173 | | |
| | 1000 | 14 | | | 38 | | | 51 | | 77 | 115 | | |
| 25 | 1500 | 20 | | | 56 | | | 69 | | 74 | 106 | 146 | |
| | 1000 | 13 | | | 37 | | | 46 | | 49 | 71 | 97 | |
| 28 | 1500 | 18 | | | 30 | | | 47 | | 62 | 66 | 94 | 129 |
| | 1000 | 12 | | | 20 | | | 31 | | 41 | 44 | 63 | 80 |
| 31,5 | 1500 | 15 | | | 27 | | | 40 | | 55 | 59 | 82 | 123 |
| | 1000 | 10 | | | 18 | | | 27 | | 37 | 39 | 54 | 82 |
| 35,5 | 1500 | 14 | 23 | 39 | 49 | 52 | 74 | 103 | | | | | |
| | 1000 | 9,3 | 15 | 26 | 32 | 35 | 49 | 69 | | | | | |
| 40 | 1500 | 13 | 21 | 33 | 43 | 46 | 66 | 89 | | | | | |
| | 1000 | 8,7 | 14 | 22 | 29 | 31 | 44 | 60 | | | | | |
| 45 | 1500 | 11 | 19 | 29 | 38 | 41 | 58 | 86 | | | | | |
| | 1000 | 7,2 | 13 | 19 | 26 | 27 | 38 | 57 | | | | | |
| 50 | 1500 | 10 | 16 | 28 | 35 | 37 | 53 | 73 | | | | | |
| | 1000 | 6,7 | 11 | 19 | 23 | 25 | 35 | 49 | | | | | |
| 56 | 1500 | 9,1 | 15 | 23 | 31 | 33 | 47 | 64 | | | | | |
| | 1000 | 6,1 | 10 | 15 | 21 | 22 | 31 | 43 | | | | | |
| 63 | 1500 | 7,7 | 13 | 20 | 27 | 29 | 41 | 61 | | | | | |
| | 1000 | 5,2 | 8,7 | 14 | 18 | 20 | 28 | 41 | | | | | |
| 71 | 1500 | 7,0 | 11 | 18 | 24 | 26 | 37 | 51 | | | | | |
| | 1000 | 4,7 | 7,5 | 12 | 16 | 17 | 25 | 34 | | | | | |
| 80 | 1500 | | 11 | | 22 | 23 | | 45 | | | | | |
| | 1000 | | 7,3 | | 14 | 15 | | 30 | | | | | |
| 90 | 1500 | | 9,4 | | 19 | 21 | | 40 | | | | | |
| | 1000 | | 6,3 | | 13 | 14 | | 27 | | | | | |
| 100 | 1500 | | 8,0 | | | | | | | | | | |
| | 1000 | | 5,3 | | | | | | | | | | |
| 112 | 1500 | | 7,2 | | | | | | | | | | |
| | 1000 | | 4,8 | | | | | | | | | | |



3) Zusätzliches Wellenende / Add. shaft extension / Arbre additionnel (900-1200-MB1)

4) Rücklauf Sperre am Getriebe / Backstop / Dispositif anti-dévireur (900-1254-MB1)

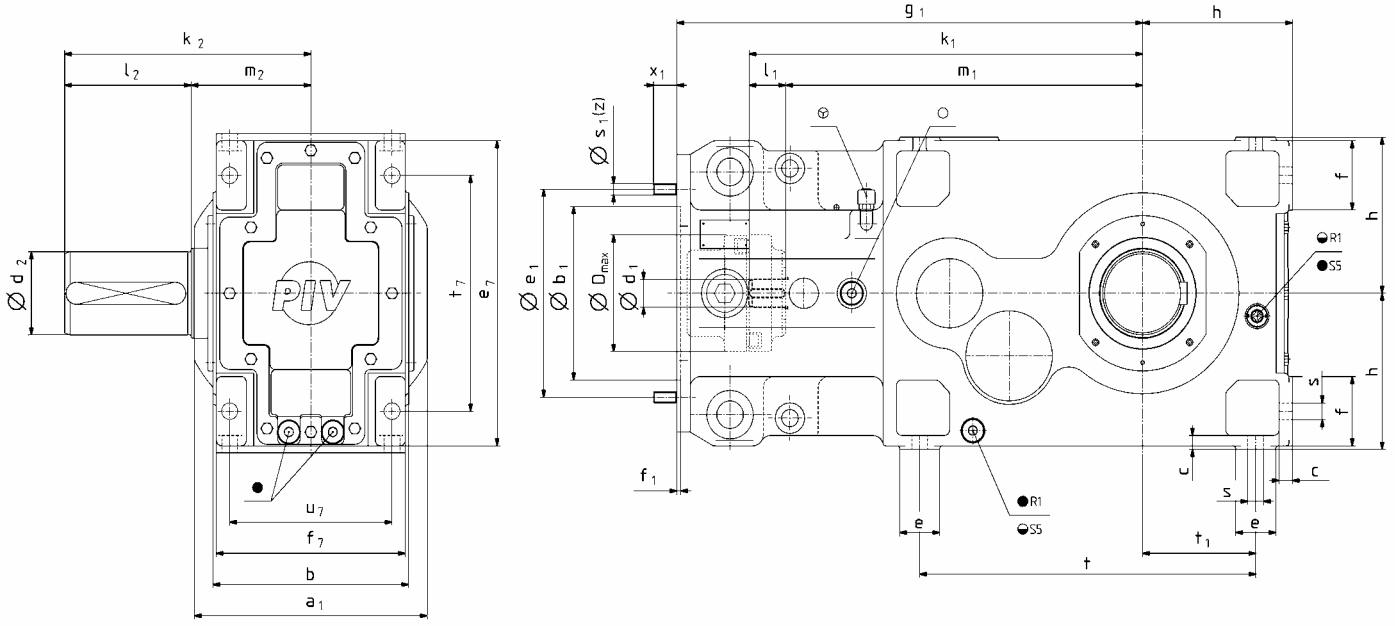
K400 - ILC 20 - R1 0 - G 11 - 25



Abweichende Getriebeausführungen sind auf Anfrage möglich / Other gear unit executions are possible on request /
 Autres exécutions des réducteurs sont possibles sur demande!

Bauart / Type ILC14...25-R11-V

ILC14...25-S5-V

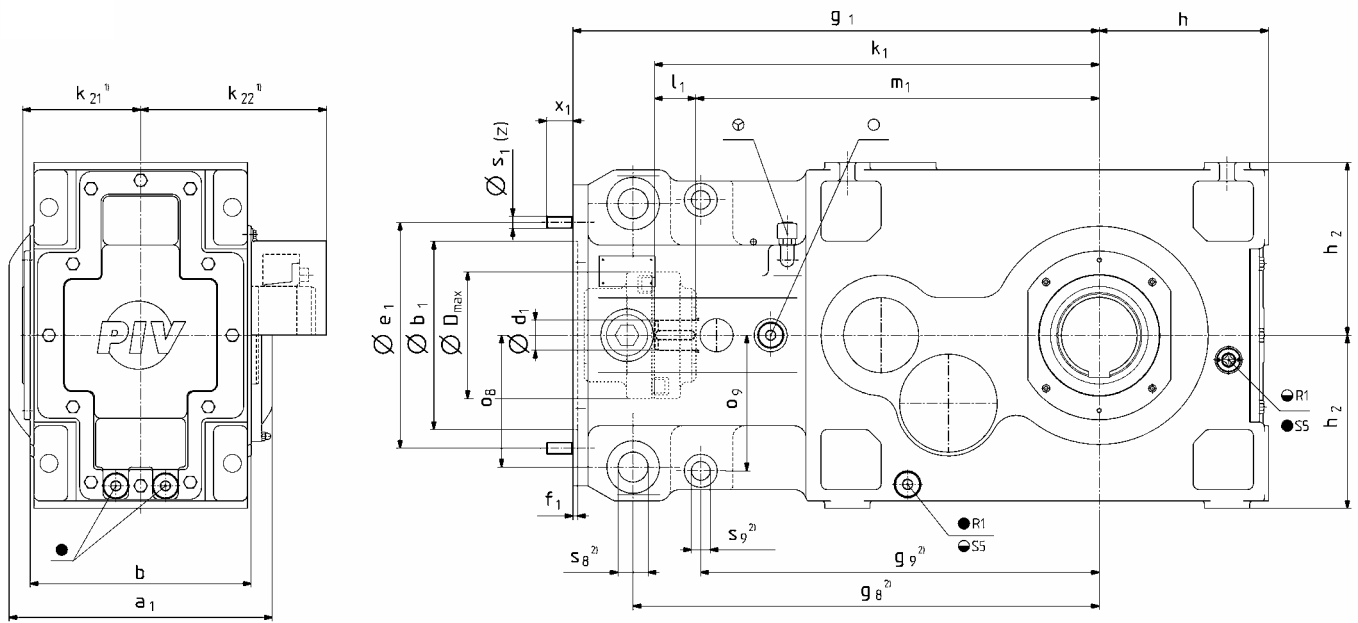


| Bauart Type | Motor- flansch /Flange | g ₁ | a ₁ | ∅ b ₁ H7 | ∅ e ₁ | f ₁ | s ₁ | x ₁ | z | ∅ d ₁ k6 | k ₁ | l ₁ | m ₁ | ∅ D _{max} | ∅ d ₂ m6 | k ₂ | l ₂ | m ₂ | c | e | f | s | t | t ₁ | e ₇ | f ₇ | t ₇ | u ₇ | b -0,2 | h -0,2 |
|----------------|------------------------------|----------------|----------------|---------------------------|---------------------|----------------|----------------|----------------|---|---------------------------|----------------|----------------|----------------|-----------------------|---------------------------|----------------|----------------|----------------|----|----|-----|------|-----|----------------|----------------|----------------|----------------|----------------|-----------|-----------|
| ILC14 | 250 | 590 | 300 | 180 | 215 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 65 | 270 | 135 | 135 | 15 | 40 | 85 | 18,5 | 400 | 140 | 350 | 216 | 280 | 182 | 226 | 180 |
| | 300 | 590 | 300 | 230 | 265 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 65 | 270 | 135 | 135 | 15 | 40 | 85 | 18,5 | 400 | 140 | 350 | 216 | 280 | 182 | 226 | 180 |
| | 350 | 590 | 300 | 250 | 300 | 6 | M16 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 65 | 270 | 135 | 135 | 15 | 40 | 85 | 18,5 | 400 | 140 | 350 | 216 | 280 | 182 | 226 | 180 |
| ILC16 | 250 | 590 | 300 | 180 | 215 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 85 | 290 | 145 | 145 | 15 | 40 | 85 | 18,5 | 400 | 140 | 350 | 216 | 280 | 182 | 226 | 180 |
| | 300 | 590 | 300 | 230 | 265 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 85 | 290 | 145 | 145 | 15 | 40 | 85 | 18,5 | 400 | 140 | 350 | 216 | 280 | 182 | 226 | 180 |
| | 350 | 590 | 300 | 250 | 300 | 6 | M16 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 85 | 290 | 145 | 145 | 15 | 40 | 85 | 18,5 | 400 | 140 | 350 | 216 | 280 | 182 | 226 | 180 |
| ILC18 | 300 | 700 | 350 | 230 | 265 | 6 | M12 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 95 | 350 | 170 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| | 350 | 700 | 350 | 250 | 300 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 95 | 350 | 170 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| | 400 | 700 | 350 | 300 | 350 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 95 | 350 | 170 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| | 450 | 730 | 450 | 350 | 400 | 6 | M16 | 35 | 8 | 40 | 586 | 55 | 531 | 210 | 95 | 350 | 170 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| ILC19 | 300 | 737 | 320 | 230 | 265 | 6 | M12 | 35 | 4 | 40 | 623 | 55 | 568 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | - | 24 | 505 | 129 | - | - | - | - | 294 | 200 |
| | 350 | 737 | 320 | 250 | 300 | 6 | M16 | 35 | 4 | 40 | 623 | 55 | 568 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | - | 24 | 505 | 129 | - | - | - | - | 294 | 200 |
| | 400 | 737 | 320 | 300 | 350 | 6 | M16 | 35 | 4 | 40 | 623 | 55 | 568 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | - | 24 | 505 | 129 | - | - | - | - | 294 | 200 |
| | 450 | 767 | 450 | 350 | 400 | 6 | M16 | 35 | 8 | 40 | 623 | 55 | 568 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | - | 24 | 505 | 129 | - | - | - | - | 294 | 200 |
| ILC20 | 300 | 700 | 350 | 230 | 265 | 6 | M12 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| | 350 | 700 | 350 | 250 | 300 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| | 400 | 700 | 350 | 300 | 350 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| | 450 | 730 | 450 | 350 | 400 | 6 | M16 | 35 | 8 | 40 | 586 | 55 | 531 | 210 | 120 | 370 | 190 | 180 | 20 | 60 | 100 | 24 | 505 | 170 | 440 | 284 | 340 | 244 | 294 | 225 |
| ILC22 | 350 | 900 | 400 | 250 | 300 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 130 | 405 | 190 | 215 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |
| | 400 | 900 | 400 | 300 | 350 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 130 | 405 | 190 | 215 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |
| | 450 | 900 | 400 | 350 | 400 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 130 | 405 | 190 | 215 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |
| | 550 | 930 | 550 | 450 | 500 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 130 | 405 | 190 | 215 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |
| ILC25 | 350 | 900 | 400 | 250 | 300 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 145 | 450 | 230 | 220 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |
| | 400 | 900 | 400 | 300 | 350 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 145 | 450 | 230 | 220 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |
| | 450 | 900 | 400 | 350 | 400 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 145 | 450 | 230 | 220 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |
| | 550 | 930 | 550 | 450 | 500 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 145 | 450 | 230 | 220 | 25 | 80 | 120 | 28 | 650 | 200 | 520 | 348 | 400 | 300 | 358 | 265 |

| Bauart / Type | ILC 14 | ILC16 | ILC18 | ILC19 | ILC20 | ILC22 | ILC25 |
|---------------|--------|-------|-------|-------|-------|-------|-------|
| kg | 150 | 240 | 330 | 292 | 340 | 780 | 870 |

Bauart / Type ILC14...25-R10-G/H

ILC14...25-S50-G/H

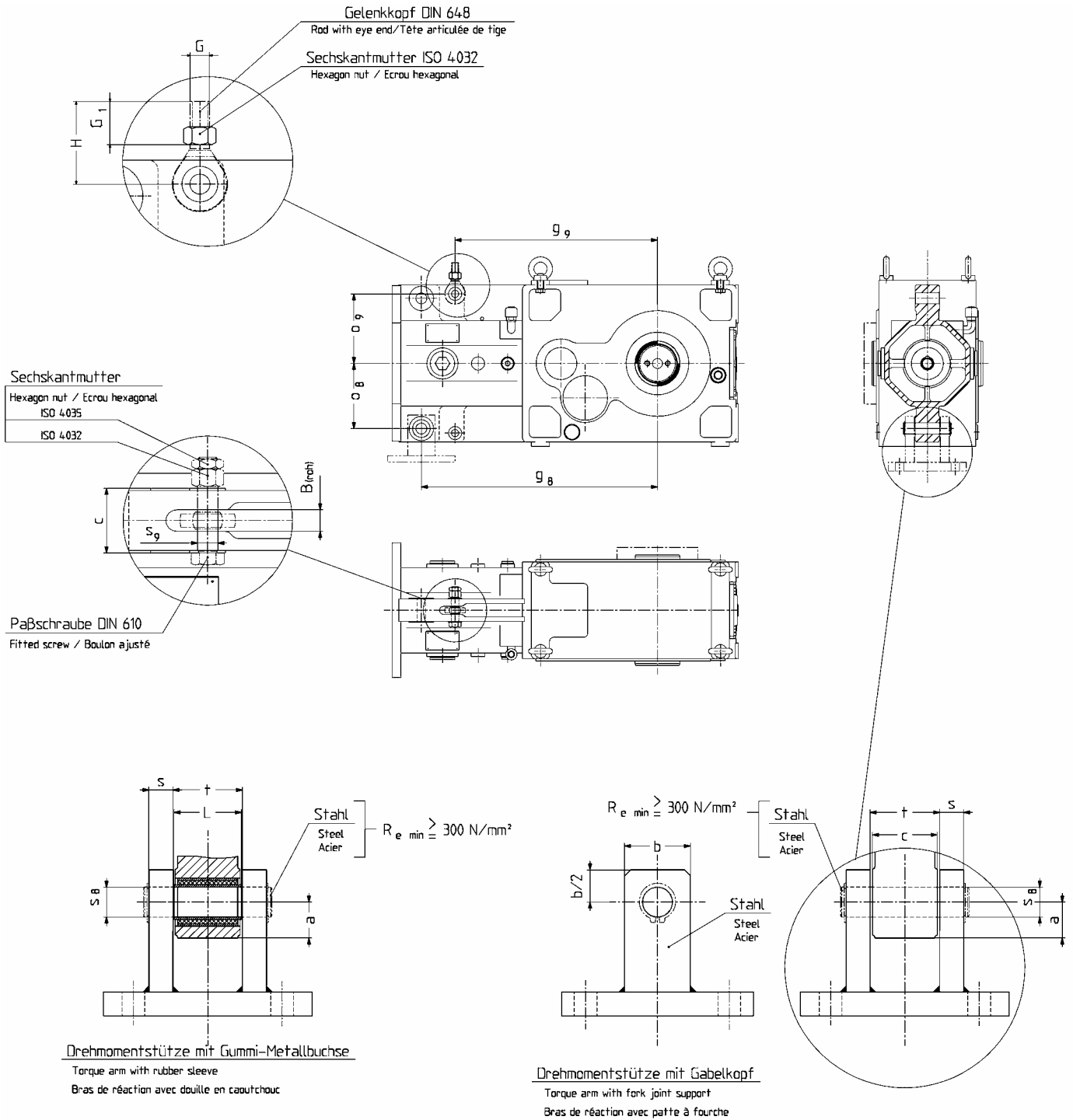


- Öleinfüllung Filling plug Remplissage
- Ölstand Oil level Niveau d'huile
- Ölablaß Oil drain Vis de vidange
- ⊕ Entlüftung Breather plug Aération

1) Hohl- und Maschinenwelle / Hollow shaft and machine shaft / Arbre PV et arbre machine (900-0212-MB1/2 + 900-0213-MB1/5)
 2) Drehmomentstütze / Torque arms / Ancrage du réducteur (900-1253-MB1)

| Bauart Type | Motor- flansch / Flange | g ₁ | a ₁ | Ø b ₁ H7 | Ø e ₁ | f ₁ | s ₁ | x ₁ | z | Ø d ₁ k6 | k ₁ | l ₁ | m ₁ | Ø D _{max} | k ₂₁ | k ₂₂ | g ₈ | g ₉ | o ₈ | o ₉ | Ø s ₈ H9 | Ø s ₉ F8 | b -0,2 | h -0,2 | h ₂ |
|----------------|-------------------------------|----------------|----------------|------------------------|------------------|----------------|----------------|----------------|---|------------------------|----------------|----------------|----------------|-----------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|------------------------|------------------------|-----------|-----------|----------------|
| ILC14 | 250 | 590 | 300 | 180 | 215 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 123 | 197 | 525 | 450 | 145 | 155 | 25 | 17 | 226 | 180 | 185 |
| | 300 | 590 | 300 | 230 | 265 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 123 | 197 | 525 | 450 | 145 | 155 | 25 | 17 | 226 | 180 | 185 |
| | 350 | 590 | 300 | 250 | 300 | 6 | M16 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 123 | 197 | 525 | 450 | 145 | 155 | 25 | 17 | 226 | 180 | 185 |
| ILC16 | 250 | 590 | 300 | 180 | 215 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 123 | 197 | 525 | 450 | 145 | 155 | 25 | 17 | 226 | 180 | 185 |
| | 300 | 590 | 300 | 230 | 265 | 6 | M12 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 123 | 197 | 525 | 450 | 145 | 155 | 25 | 17 | 226 | 180 | 185 |
| | 350 | 590 | 300 | 250 | 300 | 6 | M16 | 35 | 4 | 25 | 475 | 55 | 420 | 160 | 123 | 197 | 525 | 450 | 145 | 155 | 25 | 17 | 226 | 180 | 185 |
| ILC18 | 300 | 700 | 350 | 230 | 265 | 6 | M12 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 157 | 231 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| | 350 | 700 | 350 | 250 | 300 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 157 | 231 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| | 400 | 700 | 350 | 300 | 350 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 157 | 231 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| | 450 | 730 | 450 | 350 | 400 | 6 | M16 | 35 | 8 | 40 | 586 | 55 | 531 | 210 | 157 | 231 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| ILC19 | 300 | 737 | 320 | 230 | 265 | 6 | M12 | 35 | 4 | 40 | 623 | 55 | 568 | 210 | 157 | 247 | 657 | - | 154 | - | 40 | - | 294 | | 205 |
| | 350 | 737 | 320 | 250 | 300 | 6 | M16 | 35 | 4 | 40 | 623 | 55 | 568 | 210 | 157 | 247 | 657 | - | 154 | - | 40 | - | 294 | | 205 |
| | 400 | 737 | 320 | 300 | 350 | 6 | M16 | 35 | 4 | 40 | 623 | 55 | 568 | 210 | 157 | 247 | 657 | - | 154 | - | 40 | - | 294 | | 205 |
| | 450 | 767 | 450 | 350 | 400 | 6 | M16 | 35 | 8 | 40 | 623 | 55 | 568 | 210 | 157 | 247 | 657 | - | 154 | - | 40 | - | 294 | | 205 |
| ILC20 | 300 | 700 | 350 | 230 | 265 | 6 | M12 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 157 | 247 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| | 350 | 700 | 350 | 250 | 300 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 157 | 247 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| | 400 | 700 | 350 | 300 | 350 | 6 | M16 | 35 | 4 | 40 | 586 | 55 | 531 | 210 | 157 | 247 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| | 450 | 730 | 450 | 350 | 400 | 6 | M16 | 35 | 8 | 40 | 586 | 55 | 531 | 210 | 157 | 247 | 620 | 530 | 175 | 180 | 40 | 25 | 294 | 225 | 230 |
| ILC22 | 350 | 900 | 400 | 250 | 300 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 189 | 279 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |
| | 400 | 900 | 400 | 300 | 350 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 189 | 279 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |
| | 450 | 900 | 400 | 350 | 400 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 189 | 279 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |
| | 550 | 930 | 550 | 450 | 500 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 189 | 279 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |
| ILC25 | 350 | 900 | 400 | 250 | 300 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 215 | 340 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |
| | 400 | 900 | 400 | 300 | 350 | 6 | M16 | 35 | 4 | 50 | 755 | 55 | 700 | 230 | 215 | 340 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |
| | 450 | 900 | 400 | 350 | 400 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 215 | 340 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |
| | 550 | 930 | 550 | 450 | 500 | 6 | M16 | 35 | 8 | 50 | 755 | 55 | 700 | 230 | 215 | 340 | 820 | 730 | 185 | 190 | 40 | 25 | 358 | 265 | 270 |

| Bauart / Type | ILC 14 | ILC16 | ILC18 | ILC19 | ILC20 | ILC22 | ILC25 |
|---------------|--------|-------|-------|-------|-------|-------|-------|
| kg | 150 | 240 | 330 | 292 | 340 | 780 | 870 |



| Bauart Type | mit Gabelkopf with fork joint support avec patte à fourche | | | | | | | | mit Gummi – Metallbuchse with rubber sleeve avec douille en caoutchouc | | | | | | | | mit Stahl – Stahlgelenkkopf with steel ball-and-socket joint avec articulation tout acier | | | | | | | |
|----------------|--|----------------|----------------|----|----------------|----|----|----|--|----------------|----------------|----|----|----|----|----|---|----------------|----------------|----|----------------|-------|----------------|----|
| | g ₈ | o ₈ | s ₈ | b | c ₆ | t | a | s | g ₈ | o ₈ | s ₈ | b | L | t | a | s | g ₉ | o ₉ | s ₉ | H | H ₁ | G | G ₁ | B |
| ILC 14 / 16 | 525 | 145 | 25 | 55 | 54 | 58 | 30 | 20 | 525 | 145 | 25 | 55 | 56 | 58 | 30 | 20 | 450 | 155 | 17 | 69 | 23 | M16 | 36 | 14 |
| ILC 18 / 20 | 620 | 175 | 40 | 80 | 86 | 90 | 45 | 30 | 620 | 175 | 40 | 80 | 88 | 90 | 45 | 30 | 530 | 180 | 25 | 94 | 32 | M24x2 | 53 | 20 |
| ILC 22 / 25 | 820 | 185 | 40 | 80 | 86 | 90 | 45 | 30 | 820 | 185 | 40 | 80 | 88 | 90 | 45 | 30 | 730 | 190 | 25 | 94 | 32 | M24x2 | 53 | 20 |

Drehmomentstütze gehört nicht zum Lieferprogramm

Torque arm not supplied by PIV Drives GmbH / Bras de réaction n'est pas livré par PIV Drives GmbH

Applikationen im Geschäftsbereich Logistik und Materialhandling

Applications of the business unit logistic and materialhandling / Applications du compartiment logistique et manutention



Getriebe für:



Gear boxes for:



Réducteurs pour:

⇒ Krane

Kranfahrwerke
Drehwerke
Katzfahrwerke
Einziehwerke
Hubwerke

⇒ cranes

crane travelling
slewing
trolley travelling
boom hoist
hoist

⇒ grues

translation de grue
rotation
translation du chariot
relevage
levage

⇒ Winden

im Offshore Bereich
im Baggerbau
im Schiffsbau

⇒ winches

for offshore branch
for excavators branch
for shipyards branch

⇒ treuils

en domaine offshore
pour dragues
pour construction navale

⇒ Stetigförderer

Gurtförderer
Becherwerke
Schneckenförderer
Schwertwäschen
Plattenbänder
Eimerkettenantriebe

⇒ continuos conveyor

belt conveyor
bucket elevator
worm conveyor
washer
plate conveyor
bucket chain drive

⇒ Transporteurs continus

convoyeurs à ruban
convoyeurs à godets
transporteurs à vis sans fin
laveurs débourbeurs à palettes
convoyeurs à tablier
convoyeurs à chaînes à godets
convoyeurs circulaires
ascenseurs
escaliers roulants
bandes transporteuses an acier
convoyeurs à bande cellulaires
roues pelles

Kreisförderer
Aufzüge
Rolltreppen
Stahlbandförderer

circular conveyor
lifts
escalator
steel belt conveyor

Trogkettenförderer
Schaufelräder

cellular bucket conveyor
bucket wheels

⇒ Seilbahnen

⇒ cableways

⇒ funiculaires

⇒ Schienenfahrwerke

⇒ rail mounted travel drive

⇒ translation sur rails

⇒ Kupplungen

⇒ couplings

⇒ accouplements

für alle oben genannten
Bereiche
Tonnenkupplungen
Zahnkupplungen
elastische Kupplungen
Flüssigkeitskupplungen

for all applications
barrel coupling
tooth gear couplings
flexible elastic coupling
fluid couplings

pour toutes les applications
mentionnées plus haut
accouplements à tonnelets
accouplements à dentures
accouplements élastiques
coupleurs hydrauliques

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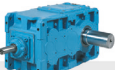
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Les changements, qui servent le progrès technique, restent réservés.

POSIRED 2

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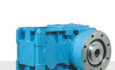
PIV DRIVES
POSIRED 2

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Stirnrad- und Kegelstirnradgetriebe
Helical and bevel-helical gear reducers
Riduttori ad assi paralleli e ortogonali
Réducteurs à engrenages cylindriques et cylindro-coniques
Reductores de ejes paralelos y ortogonales
Redutores de eixos paralelos e ortogonais

POSIREX/POSIREX I

PIV



PIV DRIVES
POSIREX

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Einwellen-Extrudergetriebe
Single screw extruder drives
Riduttori per estrusori monovite
Réducteurs pour extrudeuse monovis
Redutores para extrusoras de un husillo
Redutores para extrusoras monorosca

POSIRED N

PIV



PIV DRIVES
POSIRED N

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Stirnradgetriebe mit großem Achsabstand
Parallel axis gear reducers with extended centre distance
Riduttori ad ingranaggi cilindrici e grandi interassi
Réducteurs à arbres parallèles grands entraxes
Reductores de ejes paralelos con gran distancia entre ejes
Redutores de eixos paralelos com entre centros estendidos

POSITWIN GL

PIV



PIV DRIVES
POSITWIN GL

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Doppelwellen-Extrudergetriebe
Twin screw extruder drives
Riduttori per estrusori bivate
Réducteurs pour extrudeuse double vis
Redutores para extrusoras de dos husillos
Redutores para extrusoras de dupla rosca

POSIRED D

PIV



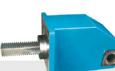
PIV DRIVES
POSIRED D

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Universelles und kompaktes Kegelstirnrad-Getriebe
Universal and compact right angle gear motor
Riduttori compatti e universali ad assi ortogonali
Réducteurs à arbre perpendiculaire universel et compact
Reductores universales y compactos ortogonales
Redutores de eixos ortogonais universais e compactos

POSIRACK

PIV



PIV DRIVES
POSIRACK

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Zahnstangengetriebe für Spritzgießmaschinen
Rack and pinion drive for injection moulding machines
Azionamenti a cremagliera per presse ad iniezione
Réducteurs à dentures crémaillères pour machines à injection
Redutores de cremallera para máquinas de moldeo por inyección
Redutores de cremalheira para máquinas de moldar por injeção

POSIRED TS

PIV



PIV DRIVES
POSIRED TS

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Doppelwellengetriebe
Double shaft gear reducers
Riduttori a doppio albero d'uscita
Réducteurs avec deux arbres de sortie
Reductores con doble eje de salida
Redutores com duplo eixo de saída

POSICROSS LN

PIV



PIV DRIVES
POSICROSS LN

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Kegelradgetriebe
Bevel gear units
Rinvii angolari
Renvoi d'angle
Reenvíos angulares
Redutores de engrenagens cônicas

POSITORQUE

PIV



PIV DRIVES
POSITORQUE

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

Industrie-Planetengetriebe
Large industrial planetary gear reducers
Riduttori epicicloidali per l'industria
Réducteurs planétaires à fort couple
Grandes reductores planetarios para la industria
Redutores planetários industriais

CVT/POSICHAIN/POSIDISC

PIV



PIV DRIVES
CVT/POSICHAIN/POSIDISC

• 100% aluminium housing
• 100% cast iron housing
• 100% cast steel housing
• 100% cast aluminium housing

CVT und Industrievarioren
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CVT e variatori di velocità per l'industria
CVT et variateurs pour l'industrie
CVT y variadores de velocidad por la industria
CVT e variadores de velocidade industriais



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