

ACCOPPIAMENTI SR - I/U / SR - I/U CONNECTION

Di seguito sono indicati i vari accoppiamenti standard fra nuove precoppie e riduttori vite senza fine serie I e U previsti a catalogo.

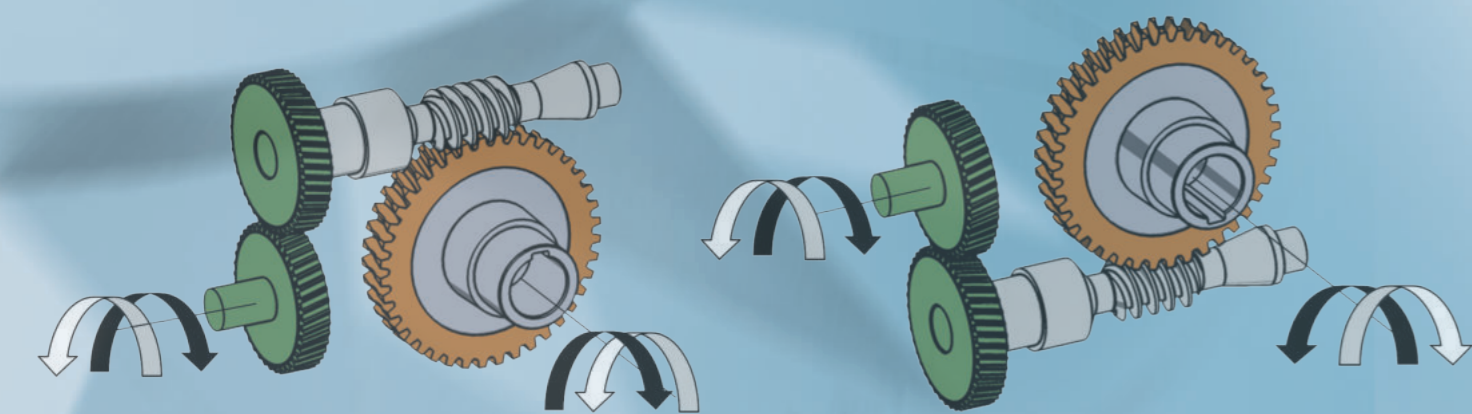
Here below there is the list of the standard connections of the new primary reduction units with the standard worm gearboxes of the series I and U given in the technical catalogue.

| SIZE | 40 | 50 | 60* | 63** | 70* | 75** | 80* | 90 | 110 | 130* | 150* |
|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| SR | SR 63 | SR 63 | SR 63 | SR 63 | SR 63 | | | | | | |
| | | SR 71 | SR 71 | SR 71 | SR 71 | SR 71 | SR 71 | SR 71 | | | |
| | | | | | | | SR 80 | SR 80 | SR 80 | SR 80 | |
| | | | | | | | | | SR 100 | SR 100 | SR 100 |

* SOLO SERIE I / ONLY I SERIES
** SOLO SERIE U / ONLY U SERIES

IEC MOTORIZZAZIONI / IEC MOTOR CONNECTIONS

| SR | IEC 56 | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|-----|--------|----------|----------|----------|----------|----------|----------|
| 63 | B14 | B5 / B14 | | | | | |
| 71 | - | - | B5 / B14 | | | | |
| 80 | - | - | - | B5 / B14 | B5 / B14 | | |
| 100 | - | - | - | - | B5 / B14 | B5 / B14 | B5 / B14 |



SITI SPA
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VARIATORI CONTINUI
MOTORI ELETTRICI C.A.I.C.C.
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GEARBOXES
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A.C./D.C. ELECTRIC MOTORS
FLEXIBLE COUPLINGS

ITALIA ITALY
SEDE e STABILIMENTO HEADQUARTERS
Via G. Di Vittorio, 4 - 40050 Monteveglio - BO - Italy
Tel. +39/051/6714811 - Fax. +39/051/6714858
E-mail: info@sitiriduttori.it
commitalia@sitiriduttori.it
export@sitiriduttori.it
WebSite: www.sitiriduttori.it



CINA CHINA
Shang Hai SITI Power Transmission Co., Ltd.
No. 303 Kangliu Road Kangqiao Industrial Zone Pudong
Shang Hai, P.R. China P.C.: 201315
Tel. +86-21-68060600 - Fax. +86-21-68122539
E-mail: service@sh-siti.com
WebSite: www.sh-siti.com

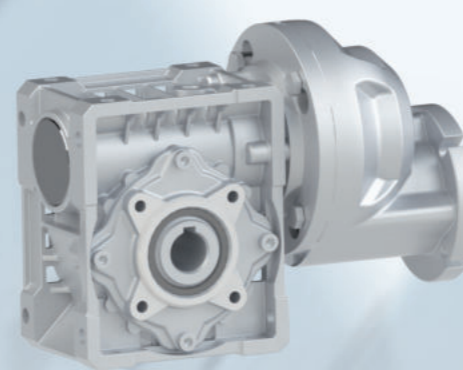
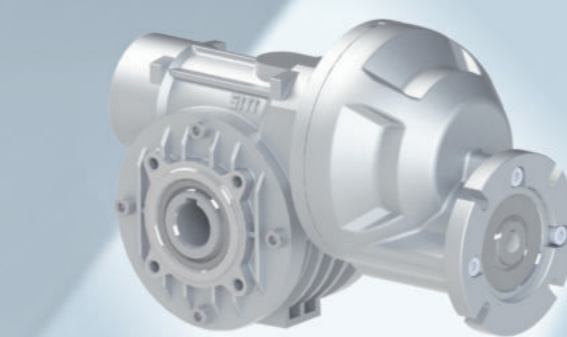
POLONIA POLAND
SITI TECH SP. Z.O.O.
Milejowice Ul. Cerekiewska 13 - 26652 Zakrzew K/Radomia - Poland
Tel. +48-483308547 - Fax. +48-486107006
E-mail: sititech@sititech.pl
WebSite: www.sititech.pl

ROMANIA ROMANIA
S.C. SITI BALKANIA SRL
Piatra Craiului, 7 (Zona Ind. La Dibo) - Hal4 Comp.7 - Jud Prahova - Romania
Tel. +40-244434243 - Fax. +40-244434243
E-mail: office@sitibalkania.ro
WebSite: www.sitibalkania.ro



PRECOPPIE PRIMARY REDUCTION

SR



CARATTERISTICHE/FEATURES

GAMMA COMPLETA PER ABBINAMENTI AI VITE SENZA FINE

- 4 grandezze in alluminio pressofuso: SR 63, SR 71, SR 80 e SR 100.
- Lubrificazione a vita.
- Predisposizione attacco motore B5 e B14.

ELEVATA VERSATILITA'

- Fornibile anche in kit separato, la precoppia può essere montata facilmente sul riduttore base.

ELEVATE PRESTAZIONI

- Massima potenza applicabile 4 kW
- Massima coppia trasmissibile 120 Nm
- Tre rapporti disponibili: vedi tabella

ELEVATA AFFIDABILITA'

- Precoppia realizzata in alluminio pressofuso, progettato per garantire leggerezza, robustezza e rigidità.
- Ingranaggi rettificati, per garantire elevate prestazioni e silenziosità.

COMPLETE RANGE SUITABLE FOR COMBINATION WITH WORMGEARBOXES

- 4 sizes built in pressure die casting aluminium: SR 63, SR 71, SR 80 and SR 100.
- For lifetime lubrication.
- Suitable for B5 and B14 motor flange connections.

HIGH VERSATILITY

- It is possible to supply a separate kit for an easy assembling on the standard gearbox.

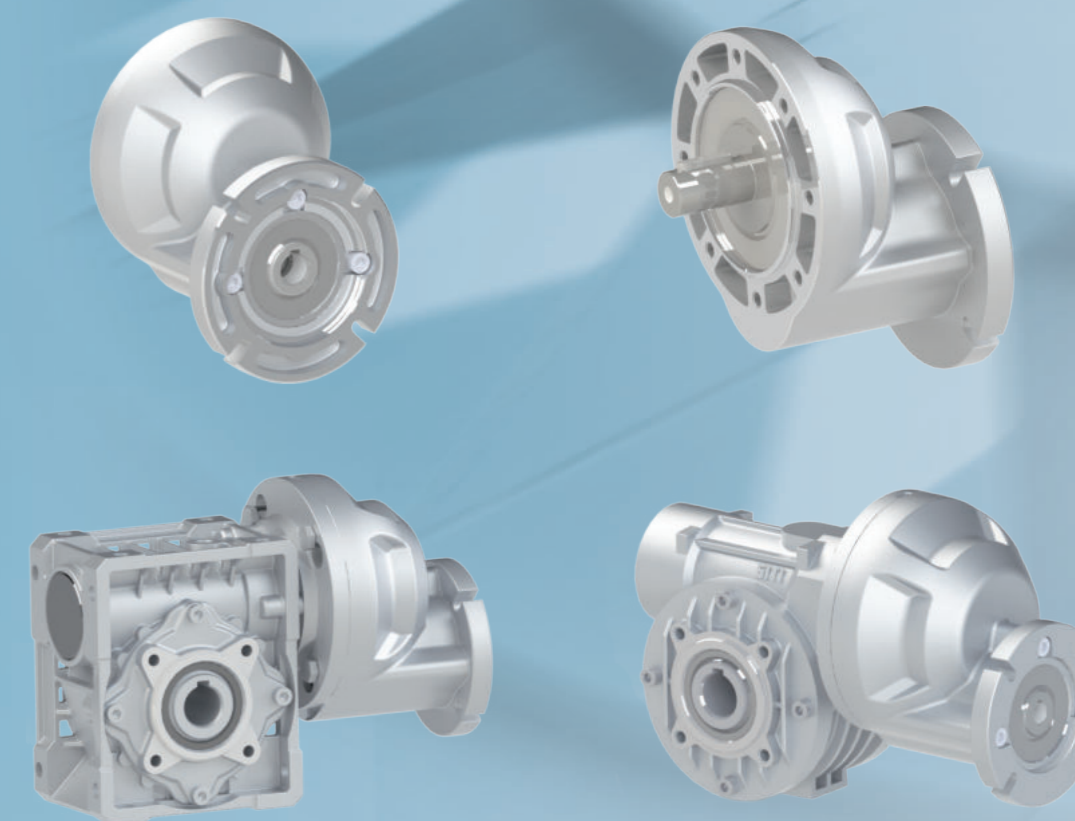
HIGH PERFORMANCE

- Max input power 4 kW
- Max torque 120 Nm
- Three available ratios: see table

HIGH RELIABILITY

- Primary reduction units built in pressure die casting aluminium, in order to assure lightness, strength and stiffness.
- Gears are ground in order to be able to assure high performance and a quiet running.

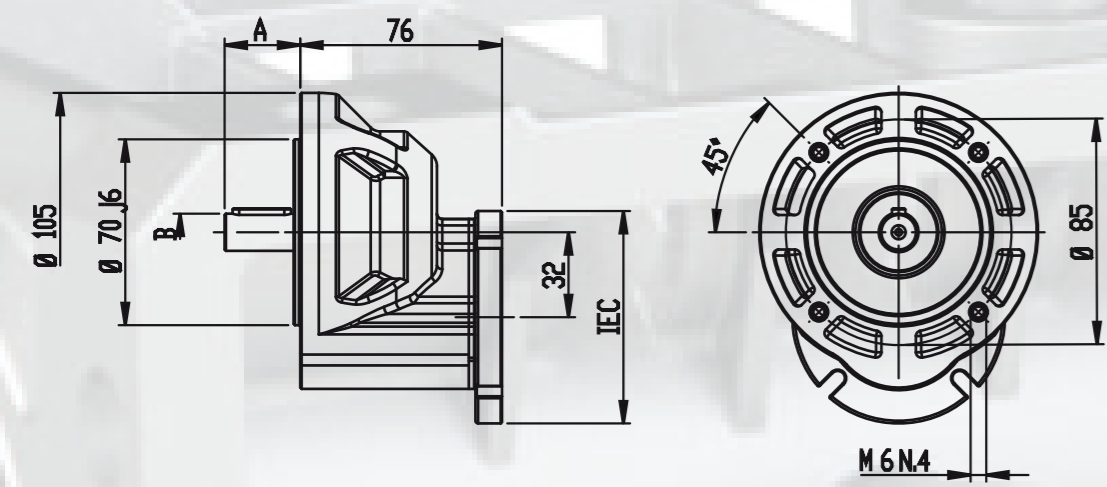
| Grandezza / Size | M ₂ [Nm] | i Rapporti / i Ratios | | |
|------------------|---------------------|-----------------------|------|------|
| SR 63 | 18 | 3,54 | 6,18 | 7,78 |
| SR 71 | 26 | 3,54 | 6,40 | 8,00 |
| SR 80 | 50 | 3,43 | 6,40 | 7,55 |
| SR 100 | 120 | 3,88 | 6,23 | 7,55 |



SR-U

SR-I

SR 63 - KIT SINGOLA RIDUZIONE / SR 63 - SINGLE STAGE KIT



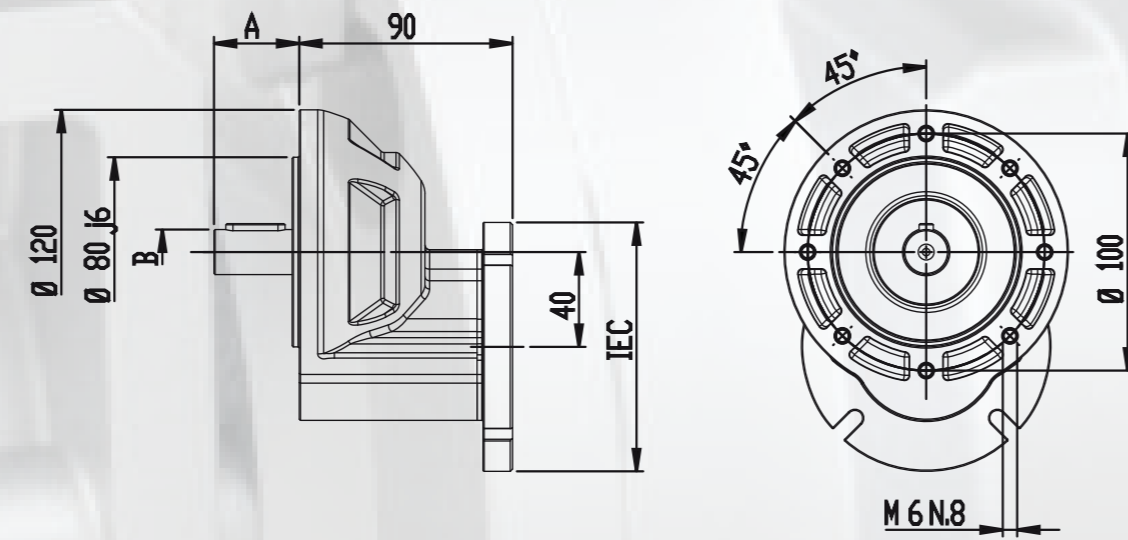
| | A | B |
|----------|----|-------|
| STANDARD | 28 | 14 j6 |
| OPTIONAL | 23 | 11 j6 |

| i | IEC 56 B14 | IEC 63 B5 / B14 |
|------|------------|-----------------|
| 3,54 | ✓ | ✓ |
| 6,18 | ✓ | ✓ |
| 7,78 | ✓ | ✓ |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,54 | | 254,2 | 20,3 | 0,55 | | 395,5 | 19,0 | 0,80 | | 791,0 | 17,8 | 1,50 | 0,985 |
| 6,18 | 900 | 145,6 | 19,4 | 0,30 | 1400 | 226,5 | 18,7 | 0,45 | 2800 | 453,1 | 17,6 | 0,85 | 0,985 |
| 7,78 | | 115,7 | 12,2 | 0,15 | | 179,9 | 11,5 | 0,22 | | 359,9 | 10,5 | 0,40 | 0,985 |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,54 | | 305,1 | 20,0 | 0,65 | | 474,6 | 19,8 | 1,00 | | 949,2 | 17,8 | 1,50 | 0,985 |
| 6,18 | 1080 | 145,6 | 18,8 | 0,35 | 1680 | 271,8 | 18,7 | 0,54 | 3360 | 543,7 | 17,3 | 1,00 | 0,985 |
| 7,78 | | 115,7 | 10,8 | 0,16 | | 215,9 | 10,9 | 0,25 | | 431,9 | 10,2 | 0,47 | 0,985 |

SR 71 - KIT SINGOLA RIDUZIONE / SR 71 - SINGLE STAGE KIT



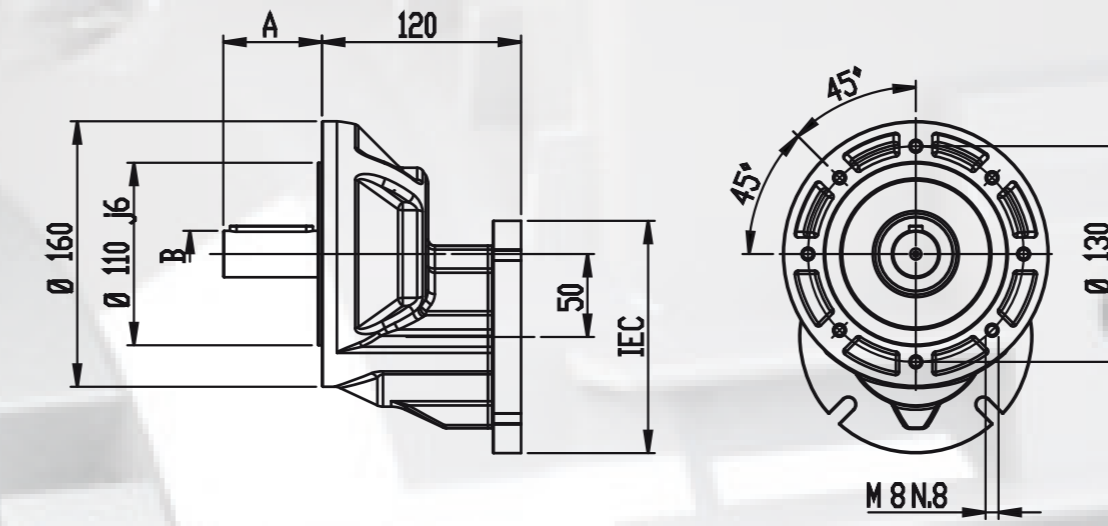
| | A | B |
|----------|----|-------|
| STANDARD | 36 | 19 j6 |
| OPTIONAL | 30 | 14 j6 |

| i | IEC 71 B5 / B14 |
|------|-----------------|
| 3,54 | ✓ |
| 6,40 | ✓ |
| 8,00 | ✓ |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,54 | | 254,3 | 25,9 | 0,70 | | 395,7 | 23,8 | 1,00 | | 791,3 | 19,0 | 1,60 | 0,985 |
| 6,40 | 900 | 140,6 | 23,4 | 0,35 | 1400 | 218,8 | 21,5 | 0,50 | 2800 | 437,5 | 21,5 | 1,00 | 0,985 |
| 8,00 | | 112,5 | 29,3 | 0,35 | | 175,0 | 25,8 | 0,48 | | 350,0 | 21,5 | 0,80 | 0,985 |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,54 | | 305,2 | 24,7 | 0,80 | | 474,8 | 23,8 | 1,20 | | 949,6 | 16,8 | 1,70 | 0,985 |
| 6,40 | 1080 | 168,8 | 22,9 | 0,41 | 1680 | 262,5 | 22,2 | 0,62 | 3360 | 525,0 | 19,7 | 1,10 | 0,985 |
| 8,00 | | 135,0 | 27,9 | 0,40 | | 210,0 | 24,6 | 0,55 | | 420,0 | 20,2 | 0,90 | 0,985 |

SR 80 - KIT SINGOLA RIDUZIONE / SR 80 - SINGLE STAGE KIT



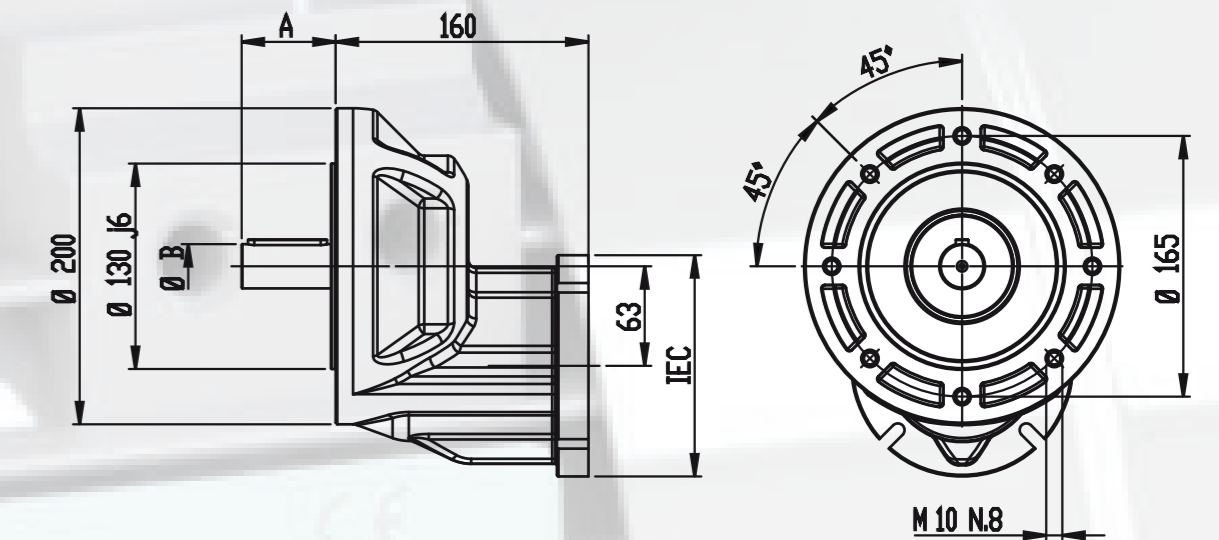
| | A | B |
|----------|----|-------|
| STANDARD | 60 | 28 j6 |
| OPTIONAL | 50 | 24 j6 |

| i | IEC 80 B5 / B14 | IEC 90 B5 / B14 |
|------|-----------------|-----------------|
| 3,43 | ✓ | ✓ |
| 6,40 | ✓ | ✓ |
| 7,55 | ✓ | ✓ |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,43 | | 262,5 | 50,2 | 1,40 | | 408,3 | 43,8 | 1,90 | | 816,7 | 34,6 | 3,00 | 0,985 |
| 6,40 | 900 | 140,6 | 50,2 | 0,75 | 1400 | 218,8 | 47,3 | 1,10 | 2800 | 437,5 | 38,7 | 1,80 | 0,985 |
| 7,55 | | 119,3 | 55,2 | 0,70 | | 185,5 | 45,6 | 0,90 | | 371,1 | 38,0 | 1,50 | 0,985 |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,43 | | 315,0 | 47,8 | 1,60 | | 490,0 | 42,2 | 2,20 | | 980,0 | 33,6 | 3,50 | 0,985 |
| 6,40 | 1080 | 168,8 | 45,7 | 0,82 | 1680 | 262,5 | 46,6 | 1,30 | 3360 | 525,0 | 37,6 | 2,10 | 0,985 |
| 7,55 | | 143,1 | 52,6 | 0,80 | | 222,7 | 48,6 | 1,15 | | 445,3 | 38,0 | 1,80 | 0,985 |

SR 100 - KIT SINGOLA RIDUZIONE / SR 100 - SINGLE STAGE KIT



| | A | B |
|----------|----|-------|
| STANDARD | 60 | 28 j6 |
| OPTIONAL | 80 | 38 j6 |

| i | IEC 90 B5 / B14 | IEC 100 B5 / B14 | IEC 112 B5 / B14 |
|------|-----------------|------------------|------------------|
| 3,88 | ✓ | ✓ | ✓ |
| 6,23 | ✓ | ✓ | ✓ |
| 7,55 | ✓ | ✓ | ✓ |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,88 | | 232,0 | 121,7 | 3,00 | | 360,8 | 104,3 | 4,00 | | 721,6 | 75,6 | 5,80 | 0,985 |
| 6,23 | 900 | 144,5 | 130,2 | 2,00 | 1400 | 224,7 | 113,0 | 2,70 | 2800 | 449,4 | 83,7 | 4,00 | 0,985 |
| 7,55 | | 119,2 | 142,0 | 1,80 | | 185,4 | 121,7 | 2,40 | | 370,9 | 88,8 | 3,50 | 0,985 |

| i | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | n ₁ | n ₂ | M ₂ | kW ₁ | RD |
|------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|-------|
| 3,88 | | 278,4 | 111,5 | 3,30 | | 433,0 | 95,6 | 4,40 | | 866,0 | 69,5 | 6,40 | 0,985 |
| 6,23 | 1080 | 173,4 | 124,8 | 2,30 | 1680 | 269,7 | 108,1 | 3,10 | 3360 | 539,3 | 80,2 | 4,60 | 0,985 |
| 7,55 | | 143,0 | 131,5 | 2,00 | | 222,5 | 109,9 | 2,60 | | 445,0 | 80,3 | 3,80 | 0,985 |