

3

Ruote in gomma piena
Solid rubber tyred wheeled castors
Roues à bandage caoutchouc
Räder mit Standard-Vollgummi-Reifen

3



SERIE A51

- Anello in gomma superelastica blu, antitraccia, durezza 68±3 Sh.A.
- Mozzo in poliammide nero ad alta resistenza.
- Volenza su cuscinetto a rulli.
- Temperatura d'impiego: da -20°C a +60°C.
- Velocità massima d'impiego 4 km/h.
- Supporti della serie standard M80A.














- Solid blue, superelastic non marking rubber tread, hardness 68±3 ShA.
- Black polyamide centre, high shock resistant.
- Type of bearing: roller bearing.
- Temperature range: -20°C ÷ +60°C.
- Maximum working speed 4 KPH.
- Standard housings M80A.






- Bandage en caoutchouc bleu superélastique, dureté 68±3 ShA.
- Corps Polyamide noir à haute résistance aux chocs.
- Moyeu à rouleaux.
- Températures d'emploi: -20°C ÷ +60°C.
- Vitesse maximum d'emploi: 4 Km/h.
- Montures série standard M80A.

- Blau spurlos superelastische Vollgummireifen, Härte 68±3 Sh. A.
- Rädkörper aus schwarz stoßbeständiges Polyamid.
- Lagerung: Rollenlager.
- Arbeitstemperatur: -20°C ÷ +60°C.
- Höchstgeschwindigkeit 4 km/h.
- Standard-Lenkgehäuse und Bockgehäuse M80A.

BlueRoll®

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| Programma base Basic range Programme de base Grundprogramm |  |  |  |  |  |  |  |  |  |  |  |  | Codici base Basic codes Codes de base Grundcode | Opzioni disponibili Options available Options disponibles Lieferbare Varianten | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|--|---|----------------|---|---|----|---|---|
| | | | | | | | | | | | | | | FP | V | C | P | FD | | |
| BRP-A51  | 80 | 36 | 107 | 100x83 | 80x60 | 9 | 37 | | | | | | 0,54 | 100 | A51 210 080036 | ♦ | ♦ | ♦ | ♦ | |
| | 100 | 36 | 128 | 100x83 | 80x60 | 9 | 37 | | | | | | 0,68 | 150 | A51 210 100036 | ♦ | ♦ | ♦ | ♦ | |
| | 125L | 40 | 155 | 100x83 | 80x60 | 9 | 37 | | | | | | 0,94 | 180 | D51 210 125040 | ♦ | ♦ | ♦ | ♦ | |
| | 125 | 40 | 155 | 100x85 | 80x60 | 9 | 45 | | | | | | 1,14 | 220 | A51 210 125040 | ♦ | ♦ | ♦ | ♦ | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | | | | | 1,40 | 250 | A51 210 150040 | ♦ | ♦ | ♦ | ♦ | |
| | 160 | 50 | 201 | 140x110 | 105x80/75 | 11 | 55 | | | | | | 2,51 | 350 | A51 210 160050 | ♦ | ♦ | ♦ | ♦ | ♦ |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | | | | | 2,70 | 400 | A51 210 200050 | ♦ | ♦ | ♦ | ♦ | |
| BRPFA-A51  | 80 | 36 | 107 | 100x83 | 80x60 | 9 | 37 | 112 | | | | | 0,64 | 100 | A51 212 080036 | ♦ | ♦ | ♦ | ♦ | |
| | 100 | 36 | 128 | 100x83 | 80x60 | 9 | 37 | 112 | | | | | 0,78 | 150 | A51 212 100036 | ♦ | ♦ | ♦ | ♦ | |
| | 125L | 40 | 155 | 100x83 | 80x60 | 9 | 37 | 112 | | | | | 1,00 | 180 | D51 212 125040 | ♦ | ♦ | ♦ | ♦ | |
| | 125 | 40 | 155 | 100x85 | 80x60 | 9 | 45 | 132 | | | | | 1,24 | 220 | A51 212 125040 | ♦ | ♦ | ♦ | ♦ | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | 132 | | | | | 1,60 | 250 | A51 212 150040 | ♦ | ♦ | ♦ | ♦ | |
| | 160 | 50 | 201 | 140x110 | 105x80/75 | 11 | 55 | 148 | | | | | 2,91 | 350 | A51 212 160050 | ♦ | ♦ | ♦ | ♦ | ♦ |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | 148 | | | | | 3,10 | 400 | A51 212 200050 | ♦ | ♦ | ♦ | ♦ | |
| BRF-A51  | 80 | 36 | 107 | 100x83 | 80x60 | 9 | | | | | | | 0,39 | 100 | A51 220 080036 | | | | | ♦ |
| | 100 | 36 | 128 | 100x83 | 80x60 | 9 | | | | | | | 0,52 | 150 | A51 220 100036 | | | | | ♦ |
| | 125L | 40 | 155 | 100x83 | 80x60 | 9 | | | | | | | 0,80 | 180 | D51 220 125040 | | | | | ♦ |
| | 125 | 40 | 155 | 100x85 | 80x60 | 9 | | | | | | | 0,89 | 220 | A51 220 125040 | | | | | ♦ |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | | | | | | | 1,20 | 250 | A51 220 150040 | | | | | ♦ |
| | 160 | 50 | 201 | 140x110 | 105x80/75 | 11 | | | | | | | 2,03 | 350 | A51 220 160050 | | | | | ♦ |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | | | | | | | 2,31 | 400 | A51 220 200050 | | | | | ♦ |
| BRS-A51  | 80 | 36 | | | | | | | | 12 | 41 | 0,16 | 100 | A51 200 080036 | | | | | | |
| | 100 | 36 | | | | | | | | 12 | 41 | 0,27 | 150 | A51 200 100036 | | | | | | |
| | 125 | 40 | | | | | | | | 12 | 45 | 0,46 | 230 | A51 200 125040 | | | | | | |
| | 150 | 40 | | | | | | | | 12 | 45 | 0,65 | 250 | A51 200 150040 | | | | | | |
| | 160 | 50 | | | | | | | | 20 | 58 | 0,77 | 350 | A51 200 160050 | | | | | | |
| | 200 | 50 | | | | | | | | 20 | 58 | 1,28 | 450 | A51 200 200050 | | | | | | |

| | | | | | | | |
|--|--|--|---|---|---|--|--|
| Opzioni disponibili Options available Options disponibles Lieferbare Varianten | FP  | V  | C  | P  | FD  | | |
| | Supporto rotante con foro di fissaggio Swivel castor with bolt hole Chape pivotante à œil Lenkrolle mit Rückenloch # 14 (80 ÷ 125L) # 16 (125 ÷ 150) # 18 (175 ÷ 200) | Supporto rotante a codolo filettato Swivel castor with threaded stem Chape pivotante à tige filettée Lenkrolle mit Gewindestapfen M 10x30 (80 ÷ 125L) M 12x30 (125 ÷ 150) M 14x30 (175 ÷ 200) | Supporto rotante a codolo Swivel castor with stem Chape pivotante à tige Zapfenlenkrolle # 20x50 (80 ÷ 125L) # 22x50 (125 ÷ 150) # 27x60 (175 ÷ 200) | Parafili Thread guards Pare-fils Fadenschutz | Freno direzionale "FD" Directional lock "FD" Blocage directionnel "FD" Richtungsfeststeller "FD" | | |
| Sostituire nei codici base Replace into basic codes Remplacer dans les codes de base Grundcode ersetzen | V° Pos. "1" con "3" | V° Pos. "1" con "8" = M10 "1" con "9" = M12 "1" con "E" = M14 | V° Pos. "1" con "4" = DIA.20 "1" con "5" = DIA.22 "1" con "6" = DIA.27 | | | | |
















SERIE A02
SERIE A03







- Anello in gomma nera durezza 82±4 Sh.A.
- Mozzo nervato in materiale termoplastico nero ad alta resistenza antiurto.
- Volvenza mozzo su foro passante o cuscinetto a rullini.
- Temperatura d'impiego: da -20°C a +60°C.
- Velocità massima d'impiego 4 km/h.
- Supporti della serie standard M80A.
- Disponibile con anello grigio antiraccia (A03)

- Solid black rubber tyre, hardness 82±4 ShA.
- Reinforced black thermoplastic wheel centre corrosion and high shock resistant.
- Type of bearing: plain or roller bearing.
- Temperature range: -20°C ÷ +60°C.
- Maximum working speed 4 KPH.
- Standard housings M80A.
- Non marking grey rubber ring option available (A03)

- Bandage en caoutchouc noir dureté Sh. A. 82±4.
- Corps renforcé en matière thermoplastique noir anticorrosion et à haute résistance aux chocs.
- Moyeu avec alésage lisse ou roulement à rouleaux.
- Températures d'emploi: -20°C ÷ +60°C.
- Vitesse maximum d'emploi: 4 Km/h.
- Chapes série standard M80A.
- Option bandage caoutchouc gris non marquant (A03)

- Schwarze Vollgummireifen, Härte 82±4 Sh. A.
- Kunststoff-Radkörper.
- Lagerung: Gleitlager oder Rollenlager.
- Arbeitstemperatur: -20°C ÷ +60°C.
- Höchstgeschwindigkeit 4 km/h.
- Standard-Lenkgehäuse und Bockgehäuse M80A.
- Lieferbare Ausführung mit grauem spürfremem Vollgummireifen (A03)

| Programma base Basic range Programme de base Grundprogramm |  |  |  |  |  |  |  |  |  |  |  | Codici base Basic codes Codes de base Grundcode | Opzioni disponibili Options available Options disponibles Lieferbare Varianten | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|--|---|--|---|----|---|---|---|----|---|--|--|
| | | | | | | | | | | | | | CR | FP | V | C | P | FD | | | |
|  | TP-A02 | 80 | 25 | 107 | 100x83 | 80x60 | 9 | 37 | | | 0,54 | 65 | A02 010 080025 | | ♦ | ♦ | ♦ | ♦ | | | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | | | | 0,68 | 80 | A02 010 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | | | | 0,94 | 110 | D02 010 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | | | | 1,14 | 120 | A02 010 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
| | 140 | 37,5 | 177,5 | 100x85 | 80x60 | 9 | 45 | | | | 1,27 | 120 | A02 010 140037 | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | | | 1,39 | 130 | A02 010 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | | | | 2,16 | 150 | A02 010 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | | | | 2,51 | 180 | A02 010 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | | | 2,70 | 225 | A02 010 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 225 | 50 | 268 | 140x110 | 105x80/75 | 11 | 63 | | | | 3,35 | 250 | A02 010 225050 | | | | | | | | |
| 250 | 60 | 300 | 200x160 | 160x120 | 14 | 83 | | | | 5,56 | 300 | A02 010 250060 | | | | | | | | | |
|  | TPF-A02 | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | | 75 | 0,78 | 80 | A02 011 100030 | | ♦ | ♦ | ♦ | ♦ | | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | | 75 | 1,04 | 110 | D02 011 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | | 103 | 1,24 | 120 | A02 011 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | 103 | 1,54 | 130 | A02 011 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | | 108 | 2,46 | 150 | A02 011 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | | 108 | 2,81 | 180 | A02 011 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | 108 | 3,00 | 225 | A02 011 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | |
|  | TPFA-A02 | 80 | 25 | 107 | 100x83 | 80x60 | 9 | 37 | 112 | | 0,64 | 65 | A02 012 080025 | | ♦ | ♦ | ♦ | ♦ | | | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | 112 | | 0,78 | 80 | A02 012 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | 112 | | 1,00 | 110 | D02 012 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | 132 | | 1,24 | 120 | A02 012 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | 132 | | 1,54 | 130 | A02 012 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 2,56 | 150 | A02 012 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 2,91 | 180 | A02 012 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 3,10 | 225 | A02 012 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | |
|  | TF-A02 | 80 | 25 | 107 | 100x83 | 80x60 | 9 | | | | 0,39 | 65 | A02 020 080025 | | | | | | ♦ | | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | | | | | 0,52 | 80 | A02 020 100030 | ♦ | | | | | ♦ | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | | | | | 0,80 | 110 | D02 020 125037 | ♦ | | | | | ♦ | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | | | | | 0,89 | 120 | A02 020 125037 | ♦ | | | | | ♦ | | |
| | 140 | 37,5 | 177,5 | 100x85 | 80x60 | 9 | | | | | 1,02 | 120 | A02 020 140037 | ♦ | | | | | ♦ | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | | | | | 1,14 | 130 | A02 020 150040 | ♦ | | | | | ♦ | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | | | | | 1,74 | 150 | A02 020 160040 | ♦ | | | | | ♦ | | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | | | | | 2,03 | 180 | A02 020 180050 | ♦ | | | | | ♦ | | |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | | | | | 2,31 | 225 | A02 020 200050 | ♦ | | | | | ♦ | | |
| | 225 | 50 | 268 | 140x110 | 105x80/75 | 11 | | | | | 3,08 | 250 | A02 020 225050 | | | | | | | | |
| | 250 | 60 | 300 | 200x160 | 160x120 | 14 | | | | | 4,74 | 300 | A02 020 250060 | | | | | | | | |

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|--|-----------|---|-----------|---|---|---|----------|---|----------|---|-----------|---|
| Opzioni disponibili Options available Options disponibles Lieferbare Varianten | CR |  | FP |  | V |  | C |  | P |  | FD |  |
| | | | | ø 14 (80 ÷ 125 L) ø 16 (125 ÷ 150) ø 18 (160 ÷ 200) | M 10x30 (80 ÷ 125 L) M 12x30 (125 ÷ 150) M 14x30 (160 ÷ 200) | ø 20x50 (80 ÷ 125 L) ø 22x50 (125 ÷ 150) ø 27x60 (160 ÷ 200) | | | | | | |
| Sostituire nei codici base Replace into basic codes Remplacer dans les codes de base Grundcode ersetzen | | IV° Pos. "0" con "2" | | V° Pos. "1" con "3" | | V° Pos. "1" con "8" = M10 "1" con "9" = M12 "1" con "E" = M14 | | V° Pos. "1" con "4" = DIA.20 "1" con "5" = DIA.22 "1" con "6" = DIA.27 | | | | |

SERIE A15













- Anello in gomma elastica grigia antitraccia, durezza 85±3 Sh.A.
- Mozzo in polipropilene grigio antiurto e anti-corrosivo.
- Volenza mozzo su foro passante o cuscinetto a rullini.
- Temperatura d'impiego: da -10°C a +50°C.
- Velocità massima d'impiego 4 km/h.
- Supporti della serie standard M80A.







- Solid grey non marking elastic rubber tread, hardness 85±3 ShA.
- Grey polypropylenewheel centre, corrosion free and high shock resi stand.
- Type of bearing: plain or roller bearing.
- Temperature range: -10°C ÷ +50°C.
- Maximum working speed 4 KPH.
- Standard housings M80A.

- Bandage en caoutchouc gris élastique, dureté Sh. A. 85±3 ShA.
- Corps en polypropylène gris anti corrosion et à haute resistance aux chocs.
- Moyeu avec alésage lisse ou roulement à rouleaux.
- Températures d'emploi: -10°C ÷ +50°C.
- Vitesse maximum d'emploi: 4 Km/h.
- Chapes série standard M80A.

- Grauen, elastischen, spurlosen Vollgummireifen, Härte 85±3 Sh. A.
- Grauen Radkörper aus Polypropylen, korrosionsstoßbeständig.
- Lagerung: Gleitlager oder Rollenlager.
- Arbeitstemperatur: -10°C ÷ +50°C.
- Höchstgeschwindigkeit 4 km/h.
- Standard-Lenkgehäuse und Bockgehäuse M80A.

3

| Programma base Basic range Programme de base Grundprogramm |  |  |  |  |  |  |  |  |  |  |  | Codici base Basic codes Codes de base Grundcode | Opzioni disponibili Options available Options disponibles Lieferbare Varianten | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|--|---|----|---|---|---|----|
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | kp | | CR | FP | V | C | P | FD |
| SP-A15  | 80 | 30 | 107 | 100x83 | 80x60 | 9 | 37 | | | 0,54 | 70 | A15 010 080030 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | | | 0,68 | 100 | A15 010 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 125L | 35 | 155 | 100x83 | 80x60 | 9 | 37 | | | 0,94 | 110 | D15 010 125035 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 125 | 35 | 155 | 100x85 | 80x60 | 9 | 45 | | | 1,14 | 120 | A15 010 125035 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | | 1,39 | 140 | A15 010 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 160 | 50 | 201 | 140x110 | 105x80/75 | 11 | 55 | | | 2,16 | 150 | A15 010 160050 | | | | | | |
| | 175 | 45 | 219 | 140x110 | 105x80/75 | 11 | 55 | | | 2,51 | 180 | A15 010 175045 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ |
| 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | | 2,70 | 225 | A15 010 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | |
| SPFA-A15  | 80 | 30 | 107 | 100x83 | 80x60 | 9 | 37 | 112 | | 0,64 | 70 | A15 012 080030 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | 112 | | 0,78 | 100 | A15 012 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 125L | 35 | 155 | 100x83 | 80x60 | 9 | 37 | 112 | | 1,00 | 110 | D15 012 125035 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 125 | 35 | 155 | 100x85 | 80x60 | 9 | 45 | 132 | | 1,24 | 120 | A15 012 125035 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | 132 | | 1,54 | 140 | A15 012 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 160 | 50 | 201 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 2,52 | 150 | A15 012 160050 | | | | | | |
| | 175 | 45 | 219 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 2,91 | 180 | A15 012 175045 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ |
| 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 3,10 | 225 | A15 012 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | |
| SF-A15  | 80 | 30 | 107 | 100x83 | 80x60 | 9 | | | | 0,39 | 70 | A15 020 080030 | ♦ | | | | ♦ | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | | | | 0,52 | 100 | A15 020 100030 | ♦ | | | | ♦ | |
| | 125L | 35 | 155 | 100x83 | 80x60 | 9 | | | | 0,80 | 110 | D15 020 125035 | ♦ | | | | ♦ | |
| | 125 | 35 | 155 | 100x85 | 80x60 | 9 | | | | 0,89 | 120 | A15 020 125035 | ♦ | | | | ♦ | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | | | | 1,14 | 140 | A15 020 150040 | ♦ | | | | ♦ | |
| | 160 | 50 | 201 | 140x110 | 105x80/75 | 11 | | | | 1,79 | 150 | A15 020 160050 | | | | | | |
| | 175 | 45 | 219 | 140x110 | 105x80/75 | 11 | | | | 2,03 | 180 | A15 020 175045 | ♦ | | | | ♦ | ♦ |
| 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | | | | 2,31 | 225 | A15 020 200050 | ♦ | | | | ♦ | ♦ | |

| | | | | | | |
|--|--|---|--|---|---|---|
| Opzioni disponibili Options available Options disponibles Lieferbare Varianten | CR  | FP  | V  | C  | P  | FD  |
| | Mozzo con cuscinetti a rulli Hub with roller bearing Moyeu avec roulement à rouleaux Nabe mit Rollenlager | Supporto rotante con foro di fissaggio Swivel castor with bolt hole Chape pivotante à oeil Lenkrolle mit Rückenloch Ø 14 (80 ÷ 125L) Ø 16 (125 ÷ 150) Ø 18 (175 ÷ 200) | Supporto rotante a codolo filettato Swivel castor with threaded stem Chape pivotante à tige filetée Lenkrolle mit Gewindestäbchen M 10x30 (80 ÷ 125L) M 12x30 (125 ÷ 150) M 14x30 (175 ÷ 200) | Supporto rotante a codolo Swivel castor with stem Chape pivotante à tige Zapfenlenkrolle Ø 20x50 (80 ÷ 125L) Ø 22x50 (125 ÷ 150) Ø 27x60 (175 ÷ 200) | Parafili Thread guards Pare-fils Fadenschutz | Freno direzionale "FD" Directional lock "FD" Blocage directionnel "FD" Richtungsfeststeller "FD" |
| Sostituire nei codici base Replace into basic codes Remplacer dans les codes de base Grundcode ersetzen | IV° Pos. "0" con "2" | V° Pos. "1" con "3" | V° Pos. "1" con "8" = M10 "1" con "9" = M12 "1" con "E" = M14 | V° Pos. "1" con "4" = DIA.20 "1" con "5" = DIA.22 "1" con "6" = DIA.27 | | |

SERIE A04

- Anello in gomma nera, durezza 82±4 Sh.A.
- Mozzo in lamiera d'acciaio stampata zincocromata e rivettata.
- Volenza di serie su cuscinetti a rulli; a richiesta su boccia in poliammide autolubrificante o su cuscinetti a sfere.
- Temperatura d'impiego: da -20°C a +60°C.
- Velocità massima d'impiego 4 km/h.
- Supporti della serie standard M80A.

- Solid black rubber tyre, hardness 82±4 Sh. A.
- Zinc-plated and riveted sheet steel wheel centre.
- Type of bearing: standard roller bearing; polyamide self-lubricating hub with plain bearing or ball bearings available on request.
- Temperature range: -20°C ÷ +60°C.
- Maximum working speed 4 KPH.
- Standard housings M80A.

- Bandage en caoutchouc noir, dureté Sh. A. 82±4.
- Corps en tôle d'acier emboutie et rivetée, protégée par zincage brillant.
- Moyeu avec roulement à rouleaux. Sur demande moyeu avec douille à graissage automatique en polyamide ou à billes de précision.
- Températures d'emploi: -20°C ÷ +60°C.
- Vitesse max. d'emploi: 4 Km/h.
- Chapes série standard M80A.

- Schwarze Vollgummireifen, Härte 82±4 Sh. A.
- Gepreßte, verzinkt-chromatierte, genietete Stahlblechfelge.
- Lagerung: Rollenlager, auf Anfrage mit selbstschmierenden Polyamid-Gleitlagern oder Kugellagern.
- Arbeitstemperatur: -20°C ÷ +60°C.
- Höchstgeschwindigkeit 4 km/h.
- Standard-Lenkgehäuse und Bockgehäuse M80A.

| Programma base Basic range Programme de base Grundprogramm | | | | | | | | | | | | | Codici base Basic codes Codes de base Grundcode | Opzioni disponibili Options available Options disponibles Lieferbare Varianten | | | | | | | | | | | |
|---|------|------|---------|-----------|-----------|----|-----|-----|-----|------|------|-----------------------|--|---|----|----|---|---|---|----|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | kp | | BO | CS | FP | V | C | P | FD | | | | | |
| QP-A04 | 80 | 25 | 107 | 100x83 | 80x60 | 9 | 37 | | | | 0,60 | 65 | A04 210 080025 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | | | | 0,73 | 80 | A04 210 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | | | | 1,08 | 120 | D04 210 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | | | | 1,27 | 130 | A04 210 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 140 | 37,5 | 177,5 | 100x85 | 80x60 | 9 | 45 | | | | 1,44 | 150 | A04 210 140037 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | | | 1,59 | 170 | A04 210 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | | | | 2,44 | 180 | A04 210 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | | | | 2,71 | 200 | A04 210 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | | | 3,23 | 230 | A04 210 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 200 | 70 | 244 | 140x110 | 105x80/75 | 11 | 55 | | | | 4,74 | 240 | A28 210 200070 | ♦ | | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 225 | 55 | 268 | 140x110 | 105x80/75 | 11 | 63 | | | | 4,04 | 250 | A04 210 225055 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | |
| | 250 | 60 | 306 | 200x160 | 160x120 | 14 | 83 | | | | 6,71 | 300 | A04 210 250060 | ♦ | ♦ | | | | | | | ♦ | ♦ | | |
| 280 | 70 | 321 | 200x160 | 160x120 | 14 | 83 | | | | 7,93 | 390 | A04 210 280070 | ♦ | ♦ | | | | | | | | ♦ | ♦ | | |
| QPF-A04 | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | | | 75 | 1,03 | 80 | A04 211 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | | | 75 | 1,18 | 120 | D04 211 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | | | 103 | 1,48 | 130 | A04 211 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | | 103 | 1,99 | 170 | A04 211 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | | | 108 | 2,94 | 180 | A04 211 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | ♦ | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | | | 108 | 3,29 | 200 | A04 211 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | ♦ |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | | 108 | 3,73 | 230 | A04 211 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | ♦ |
| 225 | 55 | 268 | 140x110 | 105x80/75 | 11 | 63 | | | 108 | 4,54 | 275 | A04 211 225055 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | ♦ | |
| QPFA-A04 | 80 | 25 | 107 | 100x83 | 80x60 | 9 | 37 | 112 | | | 0,89 | 65 | A04 212 080025 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | 112 | | | 1,03 | 80 | A04 212 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | 112 | | | | 120 | D04 212 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | 132 | | | 1,48 | 130 | A04 212 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | 132 | | | 1,99 | 170 | A04 212 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | 148 | | | 2,94 | 180 | A04 212 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | 148 | | | 3,29 | 200 | A04 212 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | |
| 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | 148 | | | 3,73 | 230 | A04 212 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | | | | | |
| QF-A04 | 80 | 25 | 107 | 100x83 | 80x60 | 9 | | | | | 0,45 | 65 | A04 220 080025 | ♦ | ♦ | | | | | | | | ♦ | | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | | | | | 0,57 | 80 | A04 220 100030 | ♦ | ♦ | | | | | | | | | ♦ | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | | | | | 0,94 | 120 | D04 220 125037 | ♦ | ♦ | | | | | | | | | ♦ | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | | | | | 1,02 | 130 | A04 220 125037 | ♦ | ♦ | | | | | | | | | | ♦ |
| | 140 | 37,5 | 177,5 | 100x85 | 80x60 | 9 | | | | | 1,19 | 150 | A04 220 140037 | ♦ | ♦ | | | | | | | | | | ♦ |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | | | | | 1,34 | 170 | A04 220 150040 | ♦ | ♦ | | | | | | | | | | ♦ |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | | | | | 2,02 | 180 | A04 220 160040 | ♦ | ♦ | | | | | | | | | | ♦ |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | | | | | 2,31 | 200 | A04 220 180050 | ♦ | ♦ | | | | | | | | | | ♦ |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | | | | | 2,84 | 230 | A04 220 200050 | ♦ | ♦ | | | | | | | | | | ♦ |
| | 225 | 55 | 268 | 140x110 | 105x80/75 | 11 | | | | | 3,72 | 250 | A04 220 225055 | ♦ | ♦ | | | | | | | | | | ♦ |
| 250 | 60 | 306 | 200x160 | 160x120 | 14 | | | | | 5,71 | 300 | A04 220 250060 | ♦ | ♦ | | | | | | | | | | ♦ | |
| 280 | 70 | 321 | 200x160 | 160x120 | 14 | | | | | 6,93 | 390 | A04 220 280070 | ♦ | ♦ | | | | | | | | | | ♦ | |

Opzioni disponibili
Options available
Options disponibles
Lieferbare Varianten



Ø 14 (80 ÷ 125 L)
Ø 16 (125 ÷ 150)
Ø 18 (160 ÷ 225)



M 10x30 (80 ÷ 125 L)
M 12x30 (125 ÷ 150)
M 14x30 (160 ÷ 225)



Ø 20x50 (80 ÷ 125 L)
Ø 22x50 (125 ÷ 150)
Ø 27x60 (160 ÷ 280)



Sostituire nei codici base
Replace into basic codes
Remplacer dans les codes de base
Grundcode ersetzen

IV^o Pos.
"2" con "1"

IV^o Pos.
"2" con "3"

V^o Pos.
"1" con "3"
















V^o Pos.
"1" con "8" = M10
"1" con "9" = M12
"1" con "E" = M14







V^o Pos.
"1" con "4" = DIA.20
"1" con "5" = DIA.22
"1" con "6" = DIA.27

SERIE A05

- Anello in gomma grigia antitraccia, durezza 80±3 Sh.A.
- Mozzo in lamiera d'acciaio stampata zincocromata e rivettata.
- Volenza di serie su cuscinetti a rulli; a richiesta su boccia in poliammide autolubrificante o su cuscinetti a sfere.
- Temperatura d'impiego: da -20°C a +60°C.
- Velocità massima d'impiego 4 km/h.
- Supporti della serie standard M80A.
- Solid grey non marking rubber tyre, hardness 80±3 Sh. A.
- Zinc-plated and riveted sheet steel wheel centre.
- Type of bearing: standard roller bearing; polyamide self-lubricating hub with plain bearing or ball bearings available on request.
- Temperature range: -20°C ÷ +60°C.
- Maximum working speed 4 KPH.
- Standard housings M80A.
- Bandage en caoutchouc gris antitraçce, dureté Sh. A. 80±3.
- Corps en tôle d'acier emboutie et rivetée, protégée par zincage brillant.
- Moyeu avec roulement à rouleaux. Sur demande moyeu avec douille à graissage automatique en polyamide ou à billes de précision.
- Températures d'emploi: -20°C ÷ +60°C.
- Vitesse max. d'emploi: 4 Km/h.
- Chapes série standard M80A.
- Graue, spurlose Vollgummireifen, Härte 80±3 Sh. A.
- Gepreßte, verzinkt-chromatierte, genietete Stahlblechfelge.
- Lagerung: Rollenlager, auf Anfrage mit selbstschmierenden Polyamid-Gleitlagern oder Kugellagern.
- Arbeitstemperatur: -20°C ÷ +60°C.
- Höchstgeschwindigkeit 4 km/h.
- Standard-Lenkgehäuse und Bockgehäuse M80A.
















3

| Programma base Basic range Programme de base Grundprogramm |  |  |  |  |  |  |  |  |  |  |  | Codici base Basic codes Codes de base Grundcode | Opzioni disponibili Options available Options disponibles Lieferbare Varianten | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|--|---|----|----|---|---|---|----|
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | | kp | CS | FP | V | C | P | FD |
| QP-A05  | 80 | 25 | 107 | 100x83 | 80x60 | 9 | 37 | | | | 0,66 | 65 | A05 210 080025 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | | | | 0,79 | 80 | A05 210 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | | | | 1,14 | 120 | D05 210 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | | | | 1,33 | 130 | A05 210 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 140 | 37,5 | 177,5 | 100x85 | 80x60 | 9 | 45 | | | | 1,50 | 150 | A05 210 140037 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | | | 1,65 | 170 | A05 210 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | | | | 2,50 | 180 | A05 210 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | | | | 2,77 | 200 | A05 210 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | | | 3,29 | 230 | A05 210 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ |
| | 225 | 55 | 268 | 140x110 | 105x80/75 | 11 | 63 | | | | 4,10 | 275 | A05 210 225055 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ |
| 250 | 60 | 306 | 200x160 | 160x120 | 14 | 83 | | | | 6,77 | 300 | A05 210 250060 | ♦ | | | ♦ | ♦ | | |
| 280 | 70 | 321 | 200x160 | 160x120 | 14 | 83 | | | | 7,99 | 390 | A05 210 280070 | ♦ | | | ♦ | ♦ | | |
| QPF-A05  | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | | 75 | 1,09 | 80 | A05 211 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | | 75 | 1,24 | 120 | D05 211 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | | 103 | 1,54 | 130 | A05 211 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | | 103 | 2,05 | 170 | A05 211 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | | 108 | 3,00 | 180 | A05 211 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | | 108 | 3,35 | 200 | A05 211 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | | 108 | 3,79 | 230 | A05 211 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | |
| 225 | 55 | 268 | 140x110 | 105x80/75 | 11 | 63 | | 108 | 4,60 | 275 | A05 211 225055 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| QPFA-A05  | 80 | 25 | 107 | 100x83 | 80x60 | 9 | 37 | 112 | | 0,89 | 65 | A05 212 080025 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | 37 | 112 | | 1,03 | 80 | A05 212 100030 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | 37 | 112 | | 1,34 | 120 | D05 212 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | 45 | 132 | | 1,54 | 130 | A05 212 125037 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | 45 | 132 | | 2,05 | 170 | A05 212 150040 | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 3,00 | 180 | A05 212 160040 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | |
| 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 3,35 | 200 | A05 212 180050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | 55 | 148 | | 3,79 | 230 | A05 212 200050 | ♦ | ♦ | ♦ | ♦ | ♦ | ♦ | | |
| QF-A05  | 80 | 25 | 107 | 100x83 | 80x60 | 9 | | | | 0,51 | 65 | A05 220 080025 | ♦ | | | | | ♦ | |
| | 100 | 30 | 128 | 100x83 | 80x60 | 9 | | | | 0,63 | 80 | A05 220 100030 | ♦ | | | | | ♦ | |
| | 125L | 37,5 | 155 | 100x83 | 80x60 | 9 | | | | 1,00 | 120 | D05 220 125037 | ♦ | | | | | ♦ | |
| | 125 | 37,5 | 155 | 100x85 | 80x60 | 9 | | | | 1,08 | 130 | A05 220 125037 | ♦ | | | | | ♦ | |
| | 140 | 37,5 | 177,5 | 100x85 | 80x60 | 9 | | | | 1,25 | 150 | A05 220 140037 | ♦ | | | | | ♦ | |
| | 150 | 40 | 182 | 100x85 | 80x60 | 9 | | | | 1,40 | 170 | A05 220 150040 | ♦ | | | | | ♦ | |
| | 160 | 40 | 201 | 140x110 | 105x80/75 | 11 | | | | 2,08 | 180 | A05 220 160040 | ♦ | | | | | ♦ | |
| | 180 | 50 | 222 | 140x110 | 105x80/75 | 11 | | | | 2,37 | 200 | A05 220 180050 | ♦ | | | | | ♦ | |
| | 200 | 50 | 240 | 140x110 | 105x80/75 | 11 | | | | 2,90 | 230 | A05 220 200050 | ♦ | | | | | ♦ | |
| | 225 | 55 | 268 | 140x110 | 105x80/75 | 11 | | | | 3,78 | 275 | A05 220 225055 | ♦ | | | | | ♦ | |
| 250 | 60 | 306 | 200x160 | 160x120 | 14 | | | | 5,77 | 300 | A05 220 250080 | ♦ | | | | | ♦ | | |
| 280 | 70 | 321 | 200x160 | 160x120 | 14 | | | | 7,00 | 390 | A05 220 280070 | ♦ | | | | | ♦ | | |

| | | | | | | | | | | | | |
|--|-------------------------|---|---|---|---|---|---|---|---|---|----|---|
| Opzioni disponibili Options available Options disponibles Lieferbare Varianten | CS |  | FP |  | V |  | C |  | P |  | FD |  |
| | | <p>Ø 14 (80 ÷ 125 L) Ø 16 (125 ÷ 150) Ø 18 (160 ÷ 225)</p> | <p>M 10x30 (80 ÷ 125 L) M 12x30 (125 ÷ 150) M 14x30 (160 ÷ 225)</p> | <p>Ø 20x50 (80 ÷ 125 L) Ø 22x50 (125 ÷ 150) Ø 27x60 (160 ÷ 280)</p> | | | | | | | | |
| Sostituire nei codici base Replace into basic codes Remplacer dans les codes de base Grundcode ersetzen | IV° Pos. "2" con "3" | V° Pos. "1" con "3" | V° Pos. "1" con "8" = M10 "1" con "9" = M12 "1" con "E" = M14 | V° Pos. "1" con "4" = DIA.20 "1" con "5" = DIA.22 "1" con "6" = DIA.27 | | | | | | | | |

SERIE A28

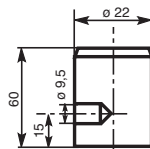
- Anello in gomma nera durezza 82±4 Sh.A. con battistrada molto largo.
- Mozzo in lamiera d'acciaio stampata, zincocromata e rivettata o nervato in materiale termoplastico.
- Volvena mozzo su cuscinetto a rullini.
- Temperatura d'impiego: da -20°C a +60°C.
- Velocità massima d'impiego 4 km/h.
- Supporti della serie standard M80A.
- Solid black rubber tyre, hardness 82±4 Sh. A., with very large tread.
- Zinc-plated and riveted sheet steel or reinforced thermoplastic wheel centre.
- Type of bearing: roller bearing.
- Temperature range: -20°C ÷ +60°C.
- Maximum working speed 4 KPH.
- Standard housings M80A.
- Bandage en caoutchouc noir dureté 82±4 Sh. A. avec très large bande de roulement.
- Flashes en tôle d'acier emboutie, et rivetée, protégée par chromage de zinc ou corps renforcé en matière thermoplastique.
- Moyeu avec roulement à rouleaux.
- Températures d'emploi: -20°C ÷ +60°C.
- Vitesse max. d'emploi: 4 Km/h.
- Chapes série standard M80A.
- Schwarze Vollgummireifen, Härte 82±4 Sh. A., mit großer Radbreite.
- Gepreßte Stahlblechfelge, verzinkt-chromatiert, oder Kunststoff-Felge.
- Lagerung: Rollenlager.
- Arbeitstemperatur: -20°C ÷ +60°C.
- Höchstgeschwindigkeit 4 km/h.
- Standard-Lenkgehäuse und Bockgehäuse M80A.

| Programma base Basic range Programme de base Grundprogramm |  |  |  |  |  |  |  |  |  |  |  |  | Codici base Basic codes Codes de base Grundcode | Opzioni disponibili Options available Options disponibles Lieferbare Varianten | | |
|---|---|---|---|---|---|---|---|---|---|---|--|---|--|---|-----|--|
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | kp | | C | KL | |
| QP-A28  | | | | | | | | | | | | | | | | |
| | 200 | 70 | 244 | 140x110 | 105x80/75 | 11 | 55 | | | | | 4,65 | 240 | A28 210 200070 | ◆ | |
| | 230 | 85 | 277 | 200x160 | 160x120 | 14 | 83 | | | | | 6,88 | 300 | A28 210 230085 | ◆ ◆ | |
| | 260 | 85 | 308 | 200x160 | 160x120 | 14 | 83 | | | | | 8,31 | 350 | A28 210 260085 | ◆ ◆ | |
| QPFR-A28  | | | | | | | | | | | | | | | | |
| | 200 | 70 | 244 | 140x110 | 105x80/75 | 11 | 55 | 130 | 5,24 | 240 | A28 214 200070 | ◆ | | | | |
| | 230 | 85 | 277 | 200x160 | 160x120 | 14 | 83 | 130 | 7,38 | 300 | A28 214 230085 | ◆ ◆ | | | | |
| | 260 | 85 | 308 | 200x160 | 160x120 | 14 | 83 | 130 | 8,81 | 350 | A28 214 260085 | ◆ ◆ | | | | |
| QF-A28  | | | | | | | | | | | | | | | | |
| | 200 | 70 | 244 | 140x110 | 105x80/75 | 11 | | | | | | 4,00 | 240 | A28 220 200070 | ◆ | |
| | 230 | 85 | 277 | 200x160 | 160x120 | 14 | | | | | | 5,90 | 300 | A28 220 230085 | ◆ | |
| | 260 | 85 | 308 | 200x160 | 160x120 | 14 | | | | | | 7,33 | 350 | A28 220 260085 | ◆ | |

C

Opzioni disponibili
Options available
Options disponibles
Lieferbare Varianten

Codulo cilindrico
Stem
Tige
Zapfen
ø 22x60



KL

Con cerchio plastica
Plastic centre
Corps thermoplastiques
Kunststoff Felge



Sostituire nei codici base
Replace into basic codes
Remplacer dans les codes de base
Grundcode ersetzen













V° Pos.
"1" con "5"



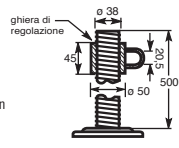
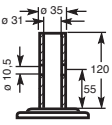
II° Pos.
"28" con "29" = cerchio plastica

SERIE A04

- Anello in gomma nera durezza 82±4 Sh.A.
- Mozzo in lamiera d'acciaio zincocromata e rivettata.
- Volenza mozzo su boccola autolubrificante, su cuscinetto a rullini, su cuscinetto a sfere (tradizionali o monoblocco).
- Temperatura d'impiego: da -20°C a +60°C.
- Velocità massima d'impiego 4 km/h.
- Supporti della serie standard M80A con coduli specifici.
- Solid black rubber tyre, hardness 82±4 Sh. A.
- Zinc-plated and riveted sheet steel wheel centre.
- Type of bearing: self-lubricating plain bearing, roller bearing, ball bearings (standard or monolithic type).
- Temperature range: -20°C ÷ +60°C.
- Maximum working speed 4 KPH.
- Standard housings M80A, with specific stem fittings.
- Bandage en caoutchouc noir dureté 82±4 Sh. A.
- Flasques en tôle d'acier emboutie et rivetée, protégée par chromage de zinc.
- Moyeu à alésage lisse à graissage automatique, avec roulement à rouleaux, avec roulements à billes (standard ou monobloc).
- Températures d'emploi: -20°C ÷ +60°C.
- Vitesse max. d'emploi: 4 Km/h.
- Chapes série standard à tiges spécifiques.
- Schwarze Vollgummireifen, Härte 82±4 Sh. A.
- Gepreßte Stahlblechfelge, verzinkt-chromatiert.
- Lagerung: Gleitlager, Rollenlager, Kugellager (Standard oder Monoblock).
- Arbeitstemperatur: -20°C ÷ +60°C.
- Höchstgeschwindigkeit 4 km/h.
- Standard-Lenkgehäuse und Bockgehäuse M80A, mit spezifischen Zapfen.

3

| Programma base Basic range Programme de base Grundprogramm |  |  |  |  |  |  |  |  |  | Codici base Basic codes Codes de base Grundcode | Opzioni disponibili Options available Options disponibles Lieferbare Varianten | | | |
|---|---|---|---|---|---|---|---|---|---|--|---|----|----|----|
| | mm | mm | mm | mm | mm | mm | mm | kg | kp | | CR | CS | TR | TL |
| QCP-A04  | 160 | 50 | 201 | 40 | 190 | 55 | | 2,75 | 180 | A04 1B0 160050 | | | | |
| | 200 | 50 | 235 | 40 | 190 | 55 | | 3,53 | 230 | A04 1B0 200050 | ◆ | ◆ | ◆ | ◆ |
| | 250 | 60 | 306 | 40 | 190 | 83 | | 7,01 | 300 | A04 1B0 250060 | | | | |
| | | | | | | | | | | | | | | |
| QCPF-A04  | 160 | 50 | 201 | 40 | 190 | 55 | 108 | 3,05 | 180 | A04 1B1 160050 | | | | |
| | 200 | 50 | 235 | 40 | 190 | 55 | 108 | 4,03 | 230 | A04 1B1 200050 | ◆ | ◆ | ◆ | ◆ |
| | 250 | 60 | 306 | 40 | 190 | 83 | 108 | 7,48 | 300 | A04 1B1 250060 | | | | |
| | | | | | | | | | | | | | | |
| QCPFA-A04  | 160 | 50 | 201 | 40 | 190 | 55 | 148 | 3,08 | 180 | A04 1B2 160050 | | | | |
| | 200 | 50 | 235 | 40 | 190 | 55 | 148 | 4,03 | 230 | A04 1B2 200050 | ◆ | ◆ | ◆ | ◆ |
| | | | | | | | | | | | | | | |



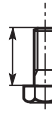





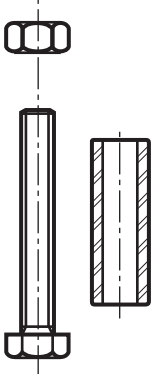

| | | | | |
|---|--|---|--|---|
| Opzioni disponibili Options available Options disponibles Lieferbare Varianten | CR  Mozzo con cuscinetto a rulli Hub with roller bearing Moyeu avec roulement à rouleaux Nabe mit Rollenlager | CS  Mozzo con cuscinetto a sfere Hub with ball bearings Moyeu avec roulement à billes Nabe mit Kugellagern | TR  Codulo rullato Rolled stem Tige roulée Geröllter Zapfen ø 38x500 | TL  Codulo tubolare Tubular stem Tige tubulaire Rohrzapfen ø 35x120 |
| | Sostituire nei codici base Replace into basic codes Remplacer dans les codes de base Grundcode ersetzen | IV° Pos. "1" con "2" | IV° Pos. "1" con "3" | V° Pos. "B" con "C" |

**ACCESSORI E
RICAMBI PER
RUOTE IN
GOMMA PIENA**


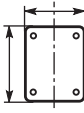
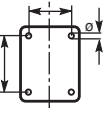

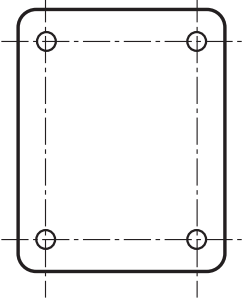
**EQUIPMENTS
AND SPARE
PARTS FOR
SOLID RUBBER
WHEELS**

**ACCESSOIRES ET
RECHANGES
POUR ROUES A
BANDAGE EN
CAOUTCHOUC**

**ZUBEHÖR UND
ERSATZTEILE
FÜR RÄDER MIT
STANDARD-VOLL-
GUMMIREIFEN**

| | Descrizione Description Description Beschreibung |  mm |  mm |  mm |  mm |  mm |  mm |  mm |  kg | Codici |
|---|---|---|---|---|---|---|---|---|---|--------|
| | | | | | | | | | | Code |
|  <p>Asse ruota Wheel axle Axe de roue Radachse</p>  | 80 100 | M 8 DIN 931 UNI 5737 | 52 | M 8 DIN 934 UNI 5588 | Ø 12 | Ø 9 | 41,0 | 0,04 | 99CA01 | |
| | 125L 125 140 150 | M 8 DIN 931 UNI 5737 | 60 | M 8 DIN 934 UNI 5588 | Ø 15 | Ø 9 | 46 | 0,07 | 99CA01LE | |
| | 160 180 200/50 | M12 DIN 931 UNI 5737 | 80 | M12 DIN 934 UNI 5588 | Ø 20 | Ø 13 | 60 | 0,19 | 99CA03 | |
| | 200/70 | M12 DIN 931 UNI 5737 | 100 | M12 DIN 934 UNI 5588 | Ø 20 | Ø 13 | 75 | 0,20 | 99CA17 | |
| | 225 | M12 DIN 931 UNI 5737 | 80 | M12 DIN 934 UNI 5588 | Ø 20 | Ø 13 | 60 | 0,19 | 99CA03 | |
| | 230 260 | M12 DIN 931 UNI 5737 | 110 | M12 DIN 934 UNI 5588 | Ø 20 | Ø 13 | 88 | 0,26 | 99CA16 | |
| | 250 280 | M18 DIN 931 UNI 5737 | 100 | M18 DIN 934 UNI 5588 | Ø 25 | Ø 19 | 75 | 0,40 | 99CA04 | |
| | | | | | | | | | | |

3

| | Descrizione Description Description Beschreibung |  mm |  mm |  mm | Spessore Tickness Epaisseur Stärke mm |  kg | Codici |
|---|---|---|---|---|---|---|--------|
| | | | | | | | Code |
|  <p>Contropiastra Counterplate Platine Anschraubplatte</p> | 80 100 125L | 100x85 | 80x60 Ø 8,5 | | 0,15 | 01C02001 | |
| | 125 140 150 | 100x85 | 80x60 Ø 8,5 | | 0,15 | 01C02502 | |
| | 160 180 200/50 200/70 225 | 140x110 | 105x80 Ø 10,5 | | 0,35 | 01C03003 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |






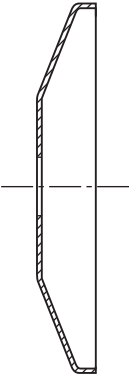
**ACCESSORI E
RICAMBI PER
RUOTE IN
GOMMA PIENA**

**EQUIPMENTS
AND SPARE
PARTS FOR
SOLID RUBBER
WHEELS**

**ACCESSOIRES ET
RECHANGES
POUR ROUES A
BANDAGE EN
CAOUTCHOUC**

**ZUBEHÖR UND
ERSATZTEILE
FÜR RÄDER MIT
STANDARD-VOLL-
GUMMIREIFEN**

3

| | Descrizione Description Description Beschreibung |  mm |  mm |  mm |  mm |  kg | Codici Code Code Bestell-Nr. |
|--|---|---|---|---|---|---|---------------------------------------|
|  | Parafilo Threadguard Pare-fils Fadenschutz | 80 100 | 8,5 | 50 | 10 | 0,02 | 59M100 |
| | | 125L | 8,5 | 58,5 | 10 | 0,02 | 59M125 |
| | | 125 | 10,5 | 58,5 | 8 | 0,02 | 59M125 |
| | | 140 150 | 8 | 70 | 13,5 | 0,04 | 59M150 |
| | | 160 | 13 | 83,7 | 14,5 | 0,05 | 59M160 |
| | | 180 | 12,5 | 102 | 14,5 | 0,06 | 59M200 |
| | | 200 | 12,5 | 102 | 14,5 | 0,08 | 59M200 |
| | | | | | | | |