

CA = Carbonit

= Kunststoff-Getriebe (MG)

= Metall-Getriebe (MG)

= Gleitlagerung

= Kugellager (BB)

| | Servo | Best.-Nr. | Abmessung (LxBxH in mm) ca. | Lagerung | Getriebe | Drehmoment (in Ncm) ca.* | Stellzeit (in sek/40°) ca.* | Gewicht (in g) ca. | Ersatzgetriebe Best.-Nr. |
|--|-----------------------|---------------|-----------------------------------|----------|----------|-----------------------------|-----------------------------------|-----------------------|-----------------------------|
| | C 111 MG | 5108 | 18 x 6 x 23 | | | 5,1 | 0,10 | 6 | |
| | C 121 | 5106 | 21 x 11 x 23 | | | 17 | 0,10 | 10 | 5106.2 |
| | C 131 | 7121 | 20 x 11 x 21 | | | 7 | 0,04 | 6 | |
| | C 141 | 5114. LOSE | 23 x 10 x 22 | | | 10 | 0,09 | 6 | 5114.2 |
| | C 231 | 5109. LOSE | 23 x 12 x 25 | | | 13 | 0,08 | 7,8 | |
| | C 261 | 5125. LOSE | 21 x 11 x 21 | | | 17 | 0,12 | 10 | 5125.2 |
| | C 271 MG | 5107 | 21 x 11 x 21 | | | 20 | 0,12 | 13 | 5107.2 |
| | C 341 | 4093 | 28 x 13 x 30 | | | 38 | 0,14 | 17 | 4093.2 |
| | C 351 MG | 5123 | 28 x 13 x 30 | | | 38 | 0,14 | 24 | 5123.2 |
| | C 577 | 4101 | 38 x 19 x 37 | | | 40 | 0,12 | 39 | 4101.2 |
| | C 677 | 7101 | 38 x 18 x 37 | | | 37 | 0,13 | 36 | 7101.2 |
| | C 713 MG (165°) | 3887 | 44 x 22 x 24 | | | 82 | 0,24 | 34 | 3887.2 |
| | C 1041 BB | 5116. LOSE | 23 x 10 x 22 | | | 7,5 | 0,08 | 7 | 5114.2 |
| | C 1081 BB | 5118. LOSE | 23 x 9 x 26 | | | 12 | 0,11 | 8 | 5114.2 |
| | C 2041 BB | 5115 LOSE | 22 x 11 x 26 | | | 12 | 0,08 | 11 | 5115.2 |

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|--|------------------|------------|-----------------------------------|----------|----------|-----------------------------|-----------------------------------|-----------------------|-----------------------------|
| | C 2081 BB | 5117. LOSE | 22 x 11 x 29 | | | 20 | 0,10 | 13 | 5115.2 |
| | C 3041 BB | 3899 | 33 x 15 x 27 | | | 39 | 0,14 | 22 | 4090.2 |
| | C 3141 BB | 4094 | 28 x 13 x 30 | | | 40 | 0,14 | 18 | 4094.2 |
| | C 3241 BB, MG | 3900 | 33 x 15 x 27 | | | 48 | 0,15 | 30 | 3900.2 |
| | C 3341 BB | 5120 | 33 x 15 x 33 | | | 48 | 0,14 | 25 | 5121.2 |
| | C 4041 BB | 3916 | 39 x 19 x 42 | | | 56 | 0,14 | 42 | 3938.2 |
| | C 4421 BB | 3892 | 39 x 19 x 40 | | | 88 | 0,11 | 42 | 3824.2 |
| | C 4451 BB | 3873 | 39 x 19 x 40 | | | 58 | 0,07 | 42 | 3873.2 |
| | C 4621 BB, MG | 5126 | 39 x 19 x 40 | | | 88 | 0,13 | 52 | 5126.2 |
| | C 4821 BB (120°) | 3896 | 39 x 19 x 40 | | | 100 | 0,13 (0,32/120°) | 45 | 3896.2 |
| | C 4835 BB | 5127 | 39 x 19 x 40 | | | 58 | 0,07 | 46 | 5127.2 |
| | C 5077 BB | 4103 | 38 x 19 x 37 | | | 51 | 0,12 | 40 | 4101.2 |
| | C 5191 BB, MG | 5133. LOSE | 39 x 19 x 37 | | | 55 | 0,11 | 50 | 5133.2 |
| | C 7421 BB | 4088 | 44 x 22 x 24 | | | 50 | 0,15 | 33 | 4088.2 |
| | C 7451 BB | 4099 | 44 x 22 x 24 | | | 66 | 0,12 | 38 | 4099.2 |
| | C 12021 BB | 4098 | 63 x 32 x 61 | | | 156 | 0,15 | 130 | 4098.2 |

* Alle Messdaten beziehen sich auf eine Spannung von 6,0 V. Änderungen sowie Liefermöglichkeiten vorbehalten. Keine Haftung für Druckfehler.

Graupner

DIGITAL-SERVOS

| | Servo | Best.-Nr. | Abmessung (LxBxH in mm) ca. | Lagerung | Getriebe | Drehmoment (in Ncm) ca.* | Haltekraft (in Ncm) ca.* | Stellzeit (in sek/40°) ca.* | Gewicht (in g) ca. | Ersatzgetriebe Best.-Nr. |
|--|-----------------------------|-----------|-----------------------------------|----------|----------|-----------------------------|--------------------------------|-----------------------------------|--------------------------|-----------------------------|
|  | DS 281 | 5148 | 21 x 11 x 21 | ○ | ○ | 18 | 40 | 0,14 | 9 | 5125.2 |
|  | DS 288 (180°) | 5181 | 22 x 21 x 11 | ○ | ○ | 18 | 50 | 0,14 | 9 | |
|  | DS 361 | 5159 | 28 x 13 x 30 | ○ | ○ | 38 | 90 | 0,14 | 18 | 4093.2 |
|  | DS 368 MG | 5162 | 28 x 13 x 30 | ○ | ● | 40 | 92 | 0,13 | 22 | 5162.2 |
|  | DS 3068 BB, MG | 5188 | 28 x 13 x 30 | ○ | ● | 38 | 93 | 0,15 | 22 | 5188.2 |
|  | DS 3210 BB, MG | 5200 | 30 x 10 x 34 | ○○ | ● | 37 | 90 | 0,13 | 21 | 5200.2 |
|  | DS 3328 BB | 5157 | 33 x 15 x 33 | ○○ | ○ | 45 | 100 | 0,16 | 27 | 5121.2 |
|  | DS 3728 BB, MG | 5158 | 33 x 15 x 27 | ○○ | ● | 36 | 80 | 0,14 | 26 | 5158.2 |
|  | DS 3781 BB, MG | 5161 | 33 x 15 x 27 | ○○ | ● | 28 | 47 | 0,06 | 28 | 5161.2 |
|  | DS 5391 BB, MG | 5166 | 38 x 19 x 37 | ○ | ○● | 49 | 95 | 0,13 | 47 | 5166.2 |
|  | DS 5491 BB, MG | 5165 | 39 x 19 x 37 | ○ | ● | 50 | 120 | 0,12 | 51 | 5165.2 |
|  | DS 8025 BB | 5163 | 39 x 19 x 39 | ○ | ○ | 49 | 74 | 0,08 | 40 | 5163.2 |
|  | DS 8041 BB | 5154 | 39 x 19 x 39 | ○ | ○ | 44 | 71 | 0,12 | 41 | 5154.2 |
|  | DS 8077 BB | 5149 | 38 x 19 x 37 | ○ | ○ | 42 | 80 | 0,13 | 40 | 5149.2 |
|  | DS 8081 BB Carbongear | 5167 | 38 x 19 x 40 | ○ | ○CA | 65 | 120 | 0,12 | 42 | 5167.2 |
|  | DS 8100G BB, MG Gyro | 5153 | 39 x 19 x 40 | ○ | ○● | 22 | 60 | 0,06 | 49 | 5153.2 |

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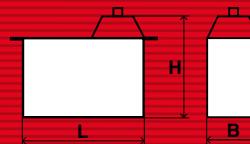
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|--|----------------------------------|-----------|-----------------------------------|----------|----------|-----------------------------|--------------------------------|-----------------------------------|--------------------------|-----------------------------|
| | DS 8231 BB | 5155 | 39 x 19 x 39 | ● ● | ○ | 76 | 120 | 0,12 | 49 | 5154.2 |
| | DS 8311 BB, MG | 5164 | 39 x 19 x 39 | ● ● | ○ ○ | 106 | 180 | 0,13 | 60 | 5164.2 |
| | DS 8411 BB, MG | 5151 | 39 x 19 x 39 | ● ● | ○ | 125 | 180 | 0,11 | 59 | 5151.2 |
| | DS 8417 BB, MG | 5152 | 39 x 19 x 39 | ● ● | ○ | 70 | 110 | 0,06 | 58 | 5152.2 |
| | DS 8418 BB, MG | 5160 | 39 x 19 x 39 | ● ● | ○ | 50 | 88 | 0,04 | 56 | 5160.2 |
| | DS 8511 BB, MG | 5168 | 40 x 21 x 40 | ● ● | ○ | 150 | 250 | 0,11 | 65 | 5168.2 |
| | DS 8700G BB, MG Gyro | 5156 | 39 x 19 x 39 | ● ● | ○ | 39 | 70 | 0,05 | 60 | 5160.2 |
| | DS 8811 BB, MG | 5169 | 40 x 21 x 40 | ● ● | ○ | 198 | 280 | 0,12 | 65 | 5169.2 |
| | DS 8822 BB, MG | 5180 | 40 x 21 x 40 | ● ● | ○ | 110 | 220 | 0,05 | 62 | 5180.2 |
| | DS 8911 BB, MG | 5190 | 40 x 21 x 40 | ● ● | ○ | 248 | 328 | 0,10 | 69 | |
| | DS 8922 BB, MG | 5185 | 40 x 21 x 40 | ● ● | ○ | 138 | 272 | 0,05 | 69 | |
| | DS 14021 BB | 5170 | 63 x 32 x 61 | ● ● | ○ | 180 | 250 | 0,14 | 128 | 4098.2 |
| | DSR581 ROBOT-Universal BB (180°) | 5214 | 38 x 19 x 40 | ● | ○ CA | 82 | | 0,10 | 42 | |
| | DSR8801 ROBOT-Power BB (180°) | 5216 | 40 x 21 x 38 | ● | ○ CA | 260 | | 0,11 | 63 | |
| | RBS581 RB1000 BB (180°) | 5213 | 38 x 19 x 40 | ● | ○ CA | 104 | | 0,08 | 42 | |

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