

| Characteristics<br>Nenndaten |  |  |  |                                    |                                 |                                     |                                  | No load characteristics<br>Leerlaufdaten |                                   | Features<br>Kenndaten                            |   |                  |  |
|------------------------------|--|--|--|------------------------------------|---------------------------------|-------------------------------------|----------------------------------|--|-----------------------------------|--|---|------------------|--|
| Motor                        | Gear motor size<br>Getriebe-<br>motor-<br>Baugröße | Rated Motor Speed<br>Motor-<br>nennndrehzahl | Gear box Type<br>Getriebe-<br>baureihe | Rated voltage<br>Nenn-<br>spannung | Rated current<br>Nenn-<br>strom | Rated Torque<br>Nenn-<br>drehmoment | Rated speed<br>Nenn-<br>drehzahl | No load speed<br>Leerlauf-<br>drehzahl   | No load current<br>Nenn-<br>strom | Max. Torque<br>max.<br>Drehmoment<br>by gear box | Gear ratio<br>Unter-<br>setzungs-<br>verhältnis | Stages<br>Stufen | Gearbox efficiency<br>Getriebe-<br>wirkungs-<br>grad |
|                              | D x L / mm   | $n_N$ / rpm/min <sup>-1</sup>                |  | U/V / V                            | $I_N$ / A                       | $T_N/M_N$ / Ncm                     | $n_N$ / rpm/min <sup>-1</sup>    | $n_N$ / rpm/min <sup>-1</sup>            | $I_N$ / A                         | $I_N$ / A  | i   |                  | eta / %  |
| 1.17.063.201                 | 63 x 159.60  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 53                                  | 892                              | 1054                                     | 1.8                               | 314  | 3.7   | 1                | 80 %   |
| 1.17.063.201                 | 63 x 173.75  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 189                                 | 236                              | 279                                      | 1.9                               | 1113   | 14  | 2                | 75 %   |
| 1.17.063.201                 | 63 x 173.75  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 257                                 | 174                              | 205                                      | 1.9                               | 1200   | 19  | 2                | 75 %   |
| 1.17.063.201                 | 63 x 173.75  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 338                                 | 132                              | 156                                      | 1.9                               | 1200   | 25  | 2                | 75 %   |
| 1.17.063.201                 | 63 x 188.00  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 643                                 | 65                               | 76                                       | 2.0                               | 2500   | 51  | 3                | 70 %   |
| 1.17.063.201                 | 63 x 188.00  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 895                                 | 46                               | 55                                       | 2.0                               | 2500   | 71  | 3                | 70 %   |
| 1.17.063.201                 | 63 x 188.00  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 1260                                | 33                               | 39                                       | 2.0                               | 2500   | 100   | 3                | 70 %   |
| 1.17.063.201                 | 63 x 188.00  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 1638                                | 25                               | 30                                       | 2.0                               | 2500   | 130   | 3                | 70 %   |
| 1.17.063.201                 | 63 x 188.00  | 3300   | PLG52M                                 | 12                                 | 8.4                             | 2129                                | 20                               | 23                                       | 2.0                               | 2500   | 169   | 3                | 70 %   |

|              |             |      |        |    |     |      |     |      |     |      |     |   |      |
|--------------|-------------|------|--------|----|-----|------|-----|------|-----|------|-----|---|------|
| 1.17.063.202 | 63 x 159.60 | 3100 | PLG52M | 24 | 4.1 | 53   | 838 | 1027 | 0.9 | 332  | 3.7 | 1 | 80 % |
| 1.17.063.202 | 63 x 173.75 | 3100 | PLG52M | 24 | 4.1 | 189  | 221 | 271  | 1   | 1176 | 14  | 2 | 75 % |
| 1.17.063.202 | 63 x 173.75 | 3100 | PLG52M | 24 | 4.1 | 257  | 163 | 200  | 1   | 1200 | 19  | 2 | 75 % |
| 1.17.063.202 | 63 x 173.75 | 3100 | PLG52M | 24 | 4.1 | 338  | 124 | 152  | 1   | 1200 | 25  | 2 | 75 % |
| 1.17.063.202 | 63 x 188.00 | 3100 | PLG52M | 24 | 4.1 | 643  | 61  | 75   | 1.1 | 2500 | 51  | 3 | 70 % |
| 1.17.063.202 | 63 x 188.00 | 3100 | PLG52M | 24 | 4.1 | 895  | 44  | 54   | 1.1 | 2500 | 71  | 3 | 70 % |
| 1.17.063.202 | 63 x 188.00 | 3100 | PLG52M | 24 | 4.1 | 1260 | 31  | 38   | 1.1 | 2500 | 100 | 3 | 70 % |
| 1.17.063.202 | 63 x 188.00 | 3100 | PLG52M | 24 | 4.1 | 1638 | 24  | 29   | 1.1 | 2500 | 130 | 3 | 70 % |
| 1.17.063.202 | 63 x 188.00 | 3100 | PLG52M | 24 | 4.1 | 2129 | 18  | 22   | 1.1 | 2500 | 169 | 3 | 70 % |

Max. torque CB=1.0: Continuous operation, one direction

If exceeded please limit motor current to allowed torque values or contact Buehler Motor for application support.

Subject to change without notice

Max. Drehmoment CB=1.0: Dauerbetrieb, eine Drehrichtung

Bei Überschreitung bitte Motorstrom auf zulässiges Drehmoment begrenzen oder wenden Sie sich für Anwendungsunterstützung an Bühler Motor.

Änderungen vorbehalten