

# LOWARA E-GS

## bronpompen 4"



### Bronpompen

#### Beschrijving

De GS serie bronpompen van Lowara is een serie roestvast stalen bronpompen. De pompen zijn compact, robuust en beperkt bestand tegen schurende vloeistoffen. De pompen zijn uitstekend toepasbaar voor drinkwatervoorzieningen.

#### Toepassingen

- o 4" bronnen en groter
- o watervoorziening
- o drinkwaterinstallaties
- o sproeisystemen
- o drukverhogingsinstallaties
- o brandblusinstallaties

#### Specificaties

- o geschikt voor schone vloeistoffen en continu gebruik
- o uitvoering: rvs
- o waaier: Lexan®
- o capaciteit: tot 21 m³/h
- o opvoerhoogte: tot 340 mwk
- o maximale dompeldiepte: 300 meter
- o vloeistoftemperatuur: max. 35 °C
- o isolatieklasse: F
- o beschermingsklasse: IP68
- o persaansluiting:
  - 1¼" (1GSL-2GS-4GS-6GS)
  - 2" (8GS-12GS-16GS)
- o motorvermogen P2: t/m 7,5 kW
- o spanningen:
  - 1-fase (4OS+L4C) 220-240 Volt 50 Hz met overstroombeveiliging t/m 1,1 kW (bij L4C)
  - 3-fase (4OS+L4C) 220-240/380-415 Volt 50 Hz
  - overige frequenties en spanningen op aanvraag
- o kabellengte tot 4 m (EPDM)
  - elke afwijkende kabellengte op aanvraag
- o maximale pompdiameter: Ø99 mm



Capaciteitentabel GS serie bij 50 Hz, 2-polig

| POMP<br>TYPE | AANT.<br>WAAIERS | NOM.<br>VERMOGEN |      | Q = CAPACITEIT          |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      |      |      |  | GEW. | AFM. |
|--------------|------------------|------------------|------|-------------------------|---------------------------------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|------|--------|------|------|------|------|------|--|------|------|
|              |                  |                  |      | l/min<br>0<br>m³/h<br>0 | 8,3                                         | 10  | 15   | 20    | 22,5  | 25    | 30    | 40    | 50    | 60    | 67    | 70    | 80    | 90    | 100   | 110   | 120   | 133   | 140   | 150   | 175   | 183    | 200   | 250  | 300    | 367  |      |      |      |      |  |      |      |
|              |                  | 0,5              | 0,6  |                         | 0,9                                         | 1,2 | 1,35 | 1,5   | 1,8   | 2,4   | 3     | 3,6   | 4     | 4,2   | 4,8   | 5,4   | 6     | 6,6   | 7,2   | 8     | 8,4   | 9     | 10,5  | 11    | 12    | 15     | 18    | 22   |        |      |      |      |      |      |  |      |      |
|              |                  | kW               | pk   |                         | H= TOTALE OPVOERHOOGTE IN METERS WATERKOLOM |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      |      |      |  |      |      |
| 1GSL02*      | 8                | 0,37             | 0,5  | 53,0                    | 46,6                                        | 45  | 37   | 27    | 20,6  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      | 10,3 | 532  |      |  |      |      |
| 1GSL03       | 12               | 0,37             | 0,5  | 79,4                    | 69,9                                        | 67  | 55   | 40    | 30,9  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 10,9 | 583  |  |      |      |
| 1GSL05       | 18               | 0,55             | 0,75 | 119,0                   | 105                                         | 100 | 83   | 60    | 46,3  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 12,1 | 706  |  |      |      |
| 1GSL07       | 24               | 0,75             | 1    | 159,0                   | 140                                         | 133 | 110  | 80    | 61,7  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 13,6 | 842  |  |      |      |
| 1GSL11       | 35               | 1,1              | 1,5  | 232,0                   | 204                                         | 194 | 160  | 116   | 90    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 17,1 | 1108 |  |      |      |
| 1GSL15       | 49               | 1,5              | 2    | 324,0                   | 285                                         | 272 | 224  | 163   | 126   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 23,8 | 1414 |  |      |      |
| 2GS02*       | 5                | 0,37             | 0,5  | 33,0                    |                                             |     |      | 30,0  | 29,0  | 28,0  | 26,0  | 20,0  | 13,0  |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 9,8  | 479  |  |      |      |
| 2GS03        | 7                | 0,37             | 0,5  | 47,0                    |                                             |     |      | 42,0  | 41,0  | 40,0  | 36,0  | 29,0  | 19,0  |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 9,9  | 494  |  |      |      |
| 2GS05        | 10               | 0,55             | 0,75 | 67,0                    |                                             |     |      | 60,0  | 58,0  | 56,0  | 52,0  | 41,0  | 27,0  |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 10,7 | 566  |  |      |      |
| 2GS07        | 14               | 0,75             | 1    | 93,0                    |                                             |     |      | 83,0  | 81,0  | 79,0  | 73,0  | 57,0  | 37,0  |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 12,0 | 666  |  |      |      |
| 2GS11        | 20               | 1,1              | 1,5  | 133,0                   |                                             |     |      | 119,0 | 116,0 | 113,0 | 104,0 | 82,0  | 53,0  |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 13,7 | 791  |  |      |      |
| 2GS15        | 28               | 1,5              | 2    | 187,0                   |                                             |     |      | 167,0 | 162,5 | 158,0 | 146,0 | 115,0 | 74,0  |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 19,1 | 1026 |  |      |      |
| 2GS22        | 40               | 2,2              | 3    | 267,0                   |                                             |     |      | 238,0 | 232,0 | 226,0 | 208,0 | 164,0 | 106,0 |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 22,9 | 1305 |  |      |      |
| 2GS30        | 52               | 3                | 4    | 347,0                   |                                             |     |      | 309,0 | 301,5 | 294,0 | 271,0 | 213,0 | 138,0 |       |       |       |       |       |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 32,8 | 1662 |  |      |      |
| 4GS03        | 4                | 0,37             | 0,5  | 27,0                    |                                             |     |      |       |       |       | 24,0  | 23,0  | 21,0  | 19,0  | 16,9  | 16,0  | 13,0  | 9,0   |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 9,5  | 459  |  |      |      |
| 4GS05        | 7                | 0,55             | 0,75 | 47,0                    |                                             |     |      |       |       |       | 42,0  | 40,0  | 36,5  | 33,0  | 29,1  | 27,5  | 22,0  | 15,0  |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 10,3 | 543  |  |      |      |
| 4GS07        | 9                | 0,75             | 1    | 60,0                    |                                             |     |      |       |       |       | 54,0  | 51,0  | 46,5  | 42,0  | 37,1  | 35,0  | 28,0  | 19,0  |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 11,3 | 616  |  |      |      |
| 4GS11        | 14               | 1,1              | 1,5  | 94,0                    |                                             |     |      |       |       |       | 84,0  | 80,0  | 73,0  | 66,0  | 58,3  | 55,0  | 44,0  | 30,0  |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 13   | 744  |  |      |      |
| 4GS15        | 19               | 1,5              | 2    | 127,0                   |                                             |     |      |       |       |       | 114,0 | 108,0 | 98,5  | 89,0  | 78,8  | 74,5  | 60,0  | 40,0  |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 17,7 | 914  |  |      |      |
| 4GS22        | 27               | 2,2              | 3    | 181,0                   |                                             |     |      |       |       |       | 162,0 | 154,0 | 140,5 | 127,0 | 112,3 | 106,0 | 85,0  | 57,0  |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 20,4 | 1161 |  |      |      |
| 4GS30        | 35               | 3                | 4    | 228,0                   |                                             |     |      |       |       |       | 204,0 | 194,0 | 177,0 | 160,0 | 141,4 | 133,5 | 107,0 | 72,0  |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 30,2 | 1509 |  |      |      |
| 4GS40        | 48               | 4                | 5,5  | 321,0                   |                                             |     |      |       |       |       | 288,0 | 274,0 | 250,0 | 226,0 | 199,7 | 188,5 | 151,0 | 102,0 |       |       |       |       |       |       |       |        |       |      |        |      |      |      | 36,5 | 1860 |  |      |      |
| 6GS05        | 5                | 0,55             | 0,75 | 30,5                    |                                             |     |      |       |       |       |       |       |       | 25,7  | 24,8  | 24,4  | 23,2  | 21,5  | 19,8  | 17,6  | 15,4  | 11,8  | 9,9   |       |       |        |       |      |        |      |      | 10,7 | 563  |      |  |      |      |
| 6GS07        | 7                | 0,75             | 1    | 42,7                    |                                             |     |      |       |       |       |       |       |       | 36,0  | 34,8  | 34,2  | 32,5  | 30,1  | 27,7  | 24,6  | 21,5  | 16,5  | 13,8  |       |       |        |       |      |        |      |      | 12   | 654  |      |  |      |      |
| 6GS11        | 10               | 1,1              | 1,5  | 61,0                    |                                             |     |      |       |       |       |       |       |       | 51,8  | 50,1  | 49,4  | 47,0  | 43,6  | 40,3  | 35,9  | 31,5  | 24,5  | 20,7  |       |       |        |       |      |        |      |      | 13,5 | 769  |      |  |      |      |
| 6GS15        | 14               | 1,5              | 2    | 85,4                    |                                             |     |      |       |       |       |       |       |       | 72,6  | 70,2  | 69,1  | 65,7  | 61,0  | 56,4  | 50,2  | 44,1  | 34,3  | 29,0  |       |       |        |       |      |        |      |      | 18,8 | 991  |      |  |      |      |
| 6GS22        | 21               | 2,2              | 3    | 128,0                   |                                             |     |      |       |       |       |       |       |       | 112,5 | 108,9 | 107,4 | 102,3 | 95,0  | 87,7  | 78,0  | 68,4  | 53,1  | 44,8  |       |       |        |       |      |        |      |      | 21,9 | 1253 |      |  |      |      |
| 6GS30        | 29               | 3                | 4    | 177,0                   |                                             |     |      |       |       |       |       |       |       | 155,6 | 150,7 | 148,5 | 141,5 | 131,4 | 121,3 | 107,9 | 94,6  | 73,4  | 62,0  |       |       |        |       |      |        |      |      | 32,4 | 1669 |      |  |      |      |
| 6GS40        | 38               | 4                | 5,5  | 232,0                   |                                             |     |      |       |       |       |       |       |       | 207,2 | 200,6 | 197,8 | 188,4 | 174,9 | 161,5 | 143,7 | 126,0 | 97,7  | 82,5  |       |       |        |       |      |        |      |      | 38,4 | 2018 |      |  |      |      |
| 6GS55        | 52               | 5,5              | 7,5  | 317,0                   |                                             |     |      |       |       |       |       |       |       | 283,6 | 274,6 | 270,7 | 257,8 | 239,4 | 221,0 | 196,7 | 172,4 | 133,7 | 112,9 |       |       |        |       |      |        |      |      | 46,3 | 2522 |      |  |      |      |
| 8GS07        | 4                | 0,75             | 1    | 32,9                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 26,6  | 25,4  | 24,1  | 22,9  | 20,7  | 19,5  | 17,4  | 11,4  | 9,3    |       |      |        |      |      | 11   | 563  |      |  |      |      |
| 8GS11        | 6                | 1,1              | 1,5  | 46,0                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 37,2  | 35,5  | 33,7  | 32,0  | 28,9  | 27,3  | 24,3  | 16,0  | 13,1   |       |      |        |      |      | 12,2 | 645  |      |  |      |      |
| 8GS15        | 8                | 1,5              | 2    | 65,8                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 53,1  | 50,6  | 48,2  | 45,7  | 41,3  | 39,0  | 34,8  | 22,8  | 18,7   |       |      |        |      |      | 16,5 | 769  |      |  |      |      |
| 8GS22        | 13               | 2,2              | 3    | 99,0                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 81,2  | 77,5  | 73,9  | 70,2  | 63,6  | 60,0  | 53,7  | 36,1  | 30,1   |       |      |        |      |      | 18,8 | 971  |      |  |      |      |
| 8GS30        | 17               | 3                | 4    | 138,0                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 113,2 | 108,1 | 102,9 | 97,8  | 88,6  | 83,6  | 74,8  | 50,4  | 42,0   |       |      |        |      |      | 28,4 | 1282 |      |  |      |      |
| 8GS40        | 23               | 4                | 5,5  | 188,9                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 154,9 | 147,9 | 140,9 | 133,9 | 121,2 | 114,4 | 102,4 | 69,0  | 57,5   |       |      |        |      |      | 33,3 | 1538 |      |  |      |      |
| 8GS55        | 32               | 5,5              | 7,5  | 258,3                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 214,8 | 205,7 | 196,6 | 187,5 | 170,4 | 161,2 | 144,2 | 94,6  | 77,2   |       |      |        |      |      | 39,8 | 1906 |      |  |      |      |
| 8GS75        | 43               | 7,5              | 10   | 339,9                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       | 282,7 | 270,7 | 258,7 | 246,7 | 224,2 | 212,1 | 189,8 | 124,5 | 101,6  |       |      |        |      |      | 45,4 | 2325 |      |  |      |      |
| 12GS11       | 7                | 1,1              | 1,5  | 36,6                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 26,1  | 22,7  | 21,388 | 18,6  | 8,5  |        |      |      | 13,5 | 825  |      |  |      |      |
| 12GS15       | 10               | 1,5              | 2    | 52,3                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 37,3  | 32,4  | 30,544 | 26,6  | 12,1 |        |      |      | 18,5 | 1043 |      |  |      |      |
| 12GS22       | 14               | 2,2              | 3    | 73,9                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 56,2  | 50,1  | 47,764 | 42,8  | 25,2 |        |      |      | 21,5 | 1333 |      |  |      |      |
| 12GS30       | 19               | 3                | 4    | 100,4                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 76,8  | 69    | 65,96  | 59,5  | 35,6 |        |      |      | 31,7 | 1744 |      |  |      |      |
| 12GS40       | 25               | 4                | 5,5  | 132,5                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 100,9 | 90,1  | 85,94  | 77,1  | 45,5 |        |      |      | 38,5 | 2143 |      |  |      |      |
| 12GS55       | 35               | 5,5              | 7,5  | 188,7                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 145,2 | 130,7 | 125,1  | 113,2 | 69,2 |        |      |      | 16,6 | 2733 |      |  |      |      |
| 12GS75       | 43               | 7,5              | 10   | 231,8                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 178,4 | 160,6 | 153,72 | 139,1 | 85,1 |        |      |      | 52,7 | 3228 |      |  |      |      |
| 16GS15       | 8                | 1,5              | 2    | 38,0                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 30,2  | 29,5   | 28,0  | 23,1 | 17,5   | 9,2  |      | 18   | 1029 |      |  |      |      |
| 16GS22       | 12               | 2,2              | 3    | 56,9                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 45,3  | 44,2   | 42,0  | 34,7 | 26,3   | 13,9 | 21,1 |      | 21,1 | 1346 |  |      |      |
| 16GS30       | 16               | 3                | 4    | 75,6                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 59,8  | 58,5   | 55,7  | 46,6 | 36,1   | 20,3 | 32,2 |      | 1768 |      |  |      |      |
| 16GS40       | 21               | 4                | 5,5  | 98,0                    |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 75,6  | 74,0   | 70,4  | 58,7 | 45,8   | 25,3 | 38,2 |      | 2233 |      |  |      |      |
| 16GS55       | 29               | 5,5              | 7,5  | 142,0                   |                                             |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 112,2 | 109,8  | 104,6 | 87,4 | 67,9</ |      |      |      |      |      |  |      |      |