

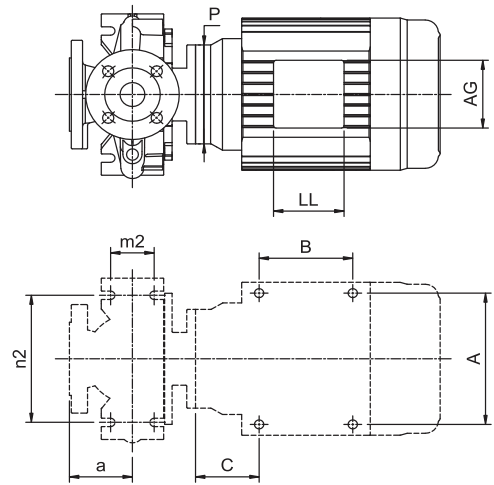
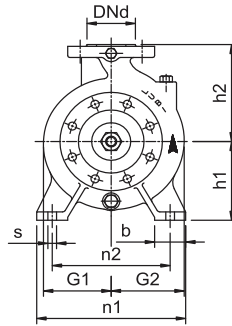
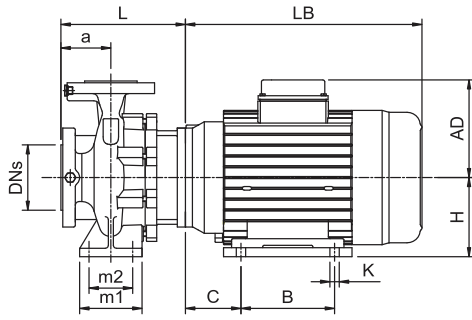
# Technical Data

## Single-stage end-suction pumps

LES 65-3152

2-pole

2 POLE



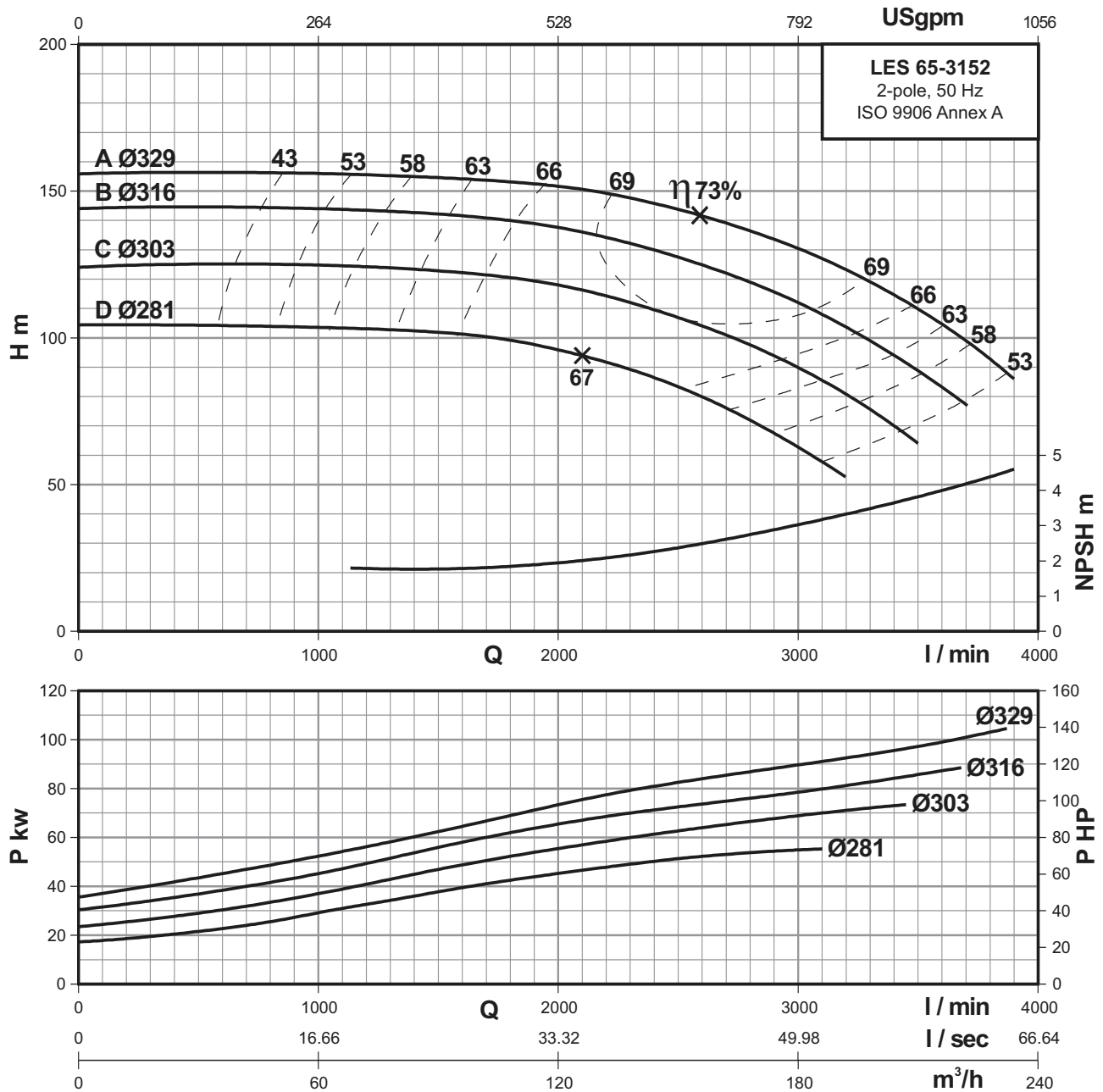
|                            |                   |       |       |       |       |
|----------------------------|-------------------|-------|-------|-------|-------|
| Power                      | [kw]              | 55    | 75    | 90    | 110   |
|                            | [hp]              | 75    | 100   | 120   | 150   |
| Frame                      |                   | 250M  | 280S  | 280M  | 315S  |
| PN                         | [bar]             | 16    | 16    | 16    | 16    |
| Code for Impeller diameter |                   | D     | C     | B     | A     |
| DN <sub>s</sub>            | [mm]              | 80    | 80    | 80    | 80    |
| DN <sub>d</sub>            | [mm]              | 65    | 65    | 65    | 65    |
| a                          | [mm]              | 125   | 125   | 125   | 125   |
| h <sub>2</sub>             | [mm]              | 280   | 280   | 280   | 280   |
| L                          | [mm]              | 412   | 412   | 412   | 458   |
| h <sub>1</sub>             | [mm]              | 225   | 225   | 225   | 225   |
| G <sub>1</sub>             | [mm]              | 202   | 202   | 202   | 202   |
| G <sub>2</sub>             | [mm]              | 220   | 220   | 220   | 220   |
| m <sub>1</sub>             | [mm]              | 160   | 160   | 160   | 160   |
| m <sub>2</sub>             | [mm]              | 120   | 120   | 120   | 120   |
| n <sub>1</sub>             | [mm]              | 400   | 400   | 400   | 400   |
| n <sub>2</sub>             | [mm]              | 315   | 315   | 315   | 315   |
| b                          | [mm]              | 80    | 80    | 80    | 80    |
| s                          | [mm]              | 18    | 18    | 18    | 18    |
| H                          | [mm]              | 250   | 280   | 280   | 315   |
| LB                         | [mm]              | 795   | 870   | 870   | 997   |
| AD                         | [mm]              | 414   | 445   | 445   | 515   |
| AG                         | [mm]              | 327   | 327   | 327   | 400   |
| LL                         | [mm]              | 240   | 240   | 240   | 320   |
| P                          | [mm]              | 550   | 550   | 550   | 660   |
| C                          | [mm]              | 168   | 190   | 190   | 216   |
| B                          | [mm]              | 349   | 368   | 419   | 406   |
| A                          | [mm]              | 406   | 457   | 457   | 508   |
| K                          | [mm]              | 24    | 24    | 24    | 28    |
| Net Weight                 | [kg]              | 597   | 692   | 736   | 988   |
| Gross Weight               | [kg]              | 698   | 804   | 848   | 1127  |
| Volume                     | [m <sup>3</sup> ] | 0.968 | 1.111 | 1.111 | 1.570 |

# Performance curves

Single-stage end-suction pumps

LES 65-3152

2-pole



2 POLE

## Performance Data At n=2900 RPM

| MODEL        | POWER |       | m³/h<br>l/min | 72   | 90    | 108  | 120  | 132  | 150  | 168  | 180  | 192  | 210  | 234  |
|--------------|-------|-------|---------------|------|-------|------|------|------|------|------|------|------|------|------|
|              | KW    | HP    |               | 1200 | 1500  | 1800 | 2000 | 2200 | 2500 | 2800 | 3000 | 3200 | 3500 | 3900 |
| LES 65-3152D | 55.0  | 75.0  | H<br>(m)      | 102  | 101   | 99   | 96   | 92   | 83   | 72   | 62   | 52   | -    | -    |
| LES 65-3152C | 75.0  | 100.0 |               | 124  | 122   | 120  | 118  | 114  | 107  | 98   | 90   | 80   | 64   | -    |
| LES 65-3152B | 90.0  | 120.0 |               | 144  | 141.8 | 140  | 138  | 134  | 127  | 119  | 112  | 103  | 89   | -    |
| LES 65-3152A | 110.0 | 150.0 |               | 156  | 154   | 152  | 151  | 150  | 143  | 136  | 130  | 123  | 110  | 86   |