

## Ran<sup>®</sup> 1" (25.4 mm) 316 Stainless Steel Body Diaphragm Pump

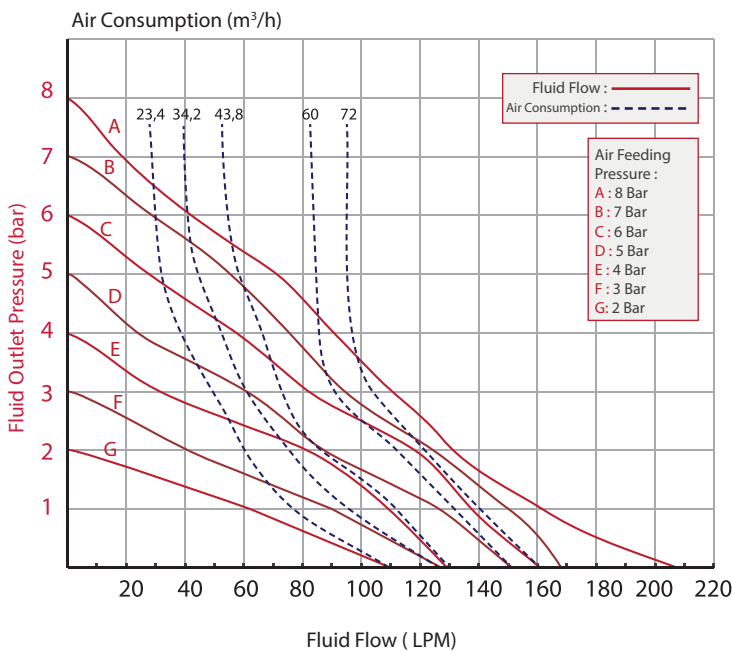


### Technical Specifications

|                                 |                       |
|---------------------------------|-----------------------|
| Pump Code                       | EXD25-SC0-1           |
| Max. Flow Rate                  | 208 lpm               |
| Max. Pump Speed                 | 280 cpm               |
| Displacement per cycle          | 0.74 liter            |
| Fluid Inlet- Outlet Size        | 1" NPT                |
| Air Inlet Size                  | 3/8"                  |
| Max. Fluid Working Pressure     | 8 bar                 |
| Max. Air Consumption (at 5 bar) | 1 m <sup>3</sup> /min |
| Ratio                           | 1:1                   |

|                            |                          |
|----------------------------|--------------------------|
| Pump Housing Material      | 316 Stainless Steel      |
| Center Section Material    | Conductive Polypropylene |
| Max. Size Pumpable Solids  | 3 mm                     |
| Max. Suction Lift          | 9.5 m (Wet) 5 m (Dry)    |
| Max. Operating Temperature | 82 °C                    |
| Sound Level                | 75 dBA (at 5 bar)        |
| Diaphragm Material         | Buna-N                   |
| Check-Valve Material       | Buna-N                   |
| Weight                     | 17.6 kg                  |

### Performance Curves



**Made in Turkey**



**ATEX II 2gd IIb t135**

**Test Conditions:** All tests are made with water. Suction hose submerged in the fluid. Muffler not used. All the values are shown are approximate and not binding.

**Example:** To pump 88 lpm against a discharge pressure of 2 bar, requires 5 bar and 43.8 m<sup>3</sup>/h air consumption.

### Dimensions

|   |      |
|---|------|
| A | 268  |
| B | 323  |
| C | 210  |
| D | 410  |
| E | 208  |
| F | 120  |
| G | 10.5 |

All dimensions are in mm.

