

## TETRA TDPK-80 SS/T

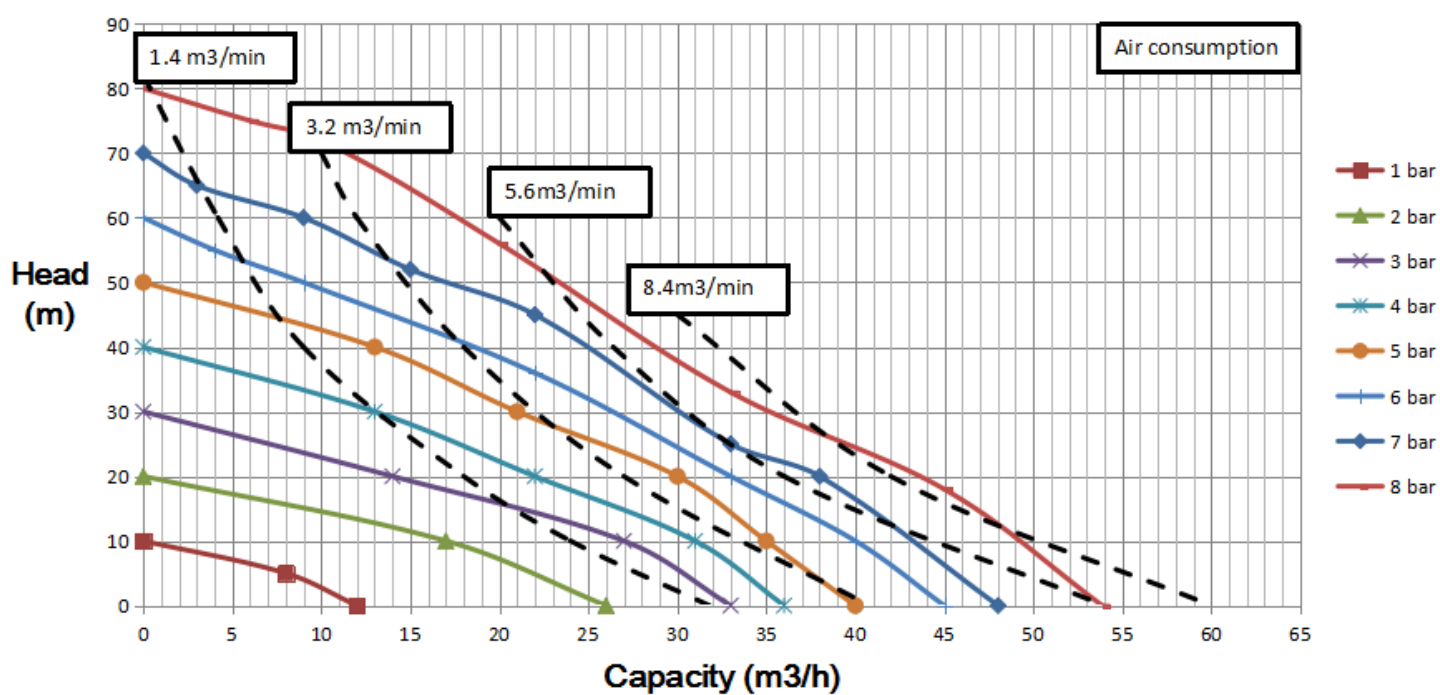
Pneumatic diaphragm pump, stainless steel frame, teflon diaphragms, in/out 3"



| Specs:               |                 |
|----------------------|-----------------|
| Inlet size           | 3"              |
| Discharge size       | 3"              |
| Body material        | Stainless steel |
| Diaphragm material   | Teflon          |
| Air inlet            | 14 mm - 9/16 "  |
| Flow rate            | 55 m3/h         |
| Suction lift         | 7 m             |
| Head                 | 0 - 84 m        |
| Max. grain size      | 10 mm           |
| Max. air consumption | 8420 L/min      |
| Weight               | 68 KG           |



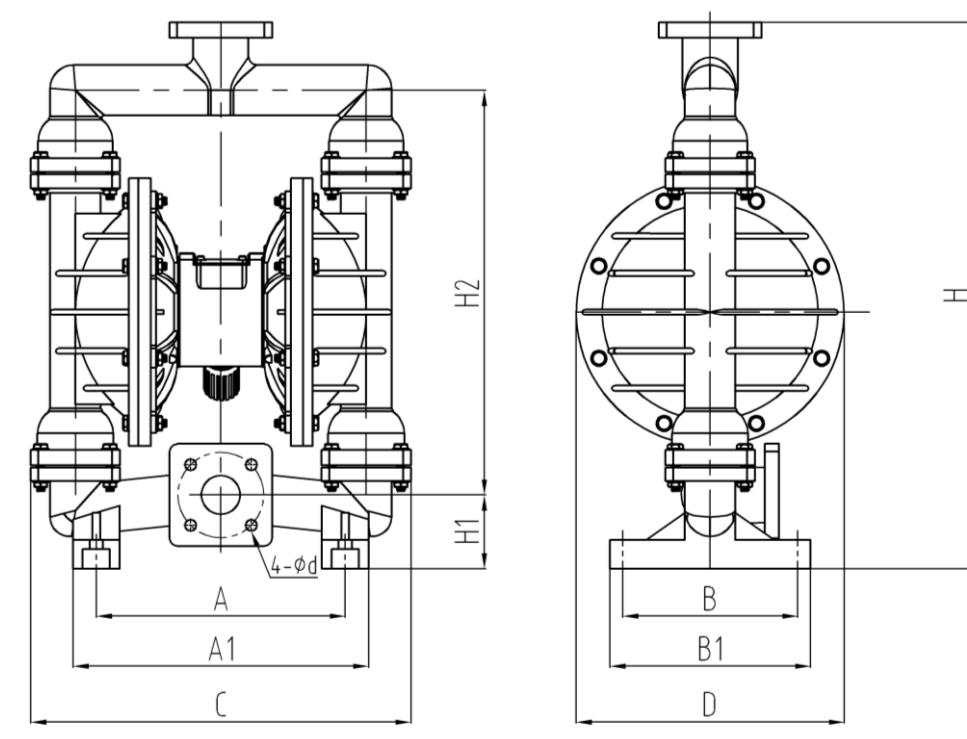
TDPK-80 pump performance curve



### Spare Parts:

| Spare part | Model   | Qty Per Pump | Tetra part number |        |
|------------|---------|--------------|-------------------|--------|
|            |         |              | Buna              | Teflon |
| Diaphragm  | TDPK-80 | 2            | 3656              | 8134   |
| Ball       | TDPK-80 | 4            | 3629              | 8136   |
| Ball seat  | TDPK-80 | 4            | 8128              | 8135   |

### Dimensions:



| Model    | A   | A1  | B   | B1  | C   | D   | H   | H1  | H2  |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| TDPK-15  | 118 | 142 | 80  | 100 | 195 | 150 | 251 | 40  | 228 |
| TDPK-25  | 220 | 225 | 150 | 190 | 380 | 230 | 437 | 49  | 365 |
| TDPK-40  |     |     |     |     |     |     |     |     |     |
| TDPK-50  | 320 | 380 | 223 | 260 | 489 | 345 | 700 | 95  | 522 |
| TDPK-80  | 426 | 569 | 220 | 263 | 565 | 450 | 865 | 100 | 776 |
| TDPK-100 |     |     |     |     |     |     |     |     |     |

Dimensions in mm.

| Features of some kind of diaphragm materials: |        |        |
|-----------------------------------------------|--------|--------|
|                                               | Buna-N | Teflon |
| Nitric acid, fuming                           | X      | G      |
| Nitric acid, concentrated                     | X      | G      |
| Sulphuric acid, concentrated                  | X      | G      |
| Hydrochloric acid, concentrated               | X      | G      |
| Phosphoric acid, concentrated                 | X      | G      |
| Acetic acid, concentrated                     | X      | G      |
| Sodium hydroxide, concentrated                | L      | G      |
| Anhydrous ammonia                             | G      | G      |
| Nitric acid, dilute                           | X      | G      |
| Sulphuric acid, dilute                        | G      | G      |
| Hydrochloric acid, dilute                     | X      | G      |
| Phosphoric acid, dilute                       | X      | G      |
| Sodium hydroxide, dilute                      | L      | G      |
| Ammonia liquid                                | G      | X      |
| Benzene                                       | X      | L      |
| Gasoline                                      | L      | L      |
| Petroleum                                     | G      | L      |
| Carbon tetrachloride                          | L      | L      |
| Carbon disulfide                              | L      | L      |
| Ethanol                                       | L      | L      |
| Acetone                                       | X      | L      |
| Cresol                                        | X      | L      |
| Acetaldehyde                                  | X      | L      |
| Ethyl benzene                                 | X      | L      |
| Acrylonitrile                                 | G      | L      |
| N-Butanol                                     | L      | L      |
| Butadiene                                     | L      | L      |
| Styrene                                       | X      | L      |
| Ethyl acetate                                 | X      | L      |
| Aether                                        | X      | X      |
| L = Long service life                         |        |        |
| G = General service life                      |        |        |
| X = Not recommended                           |        |        |