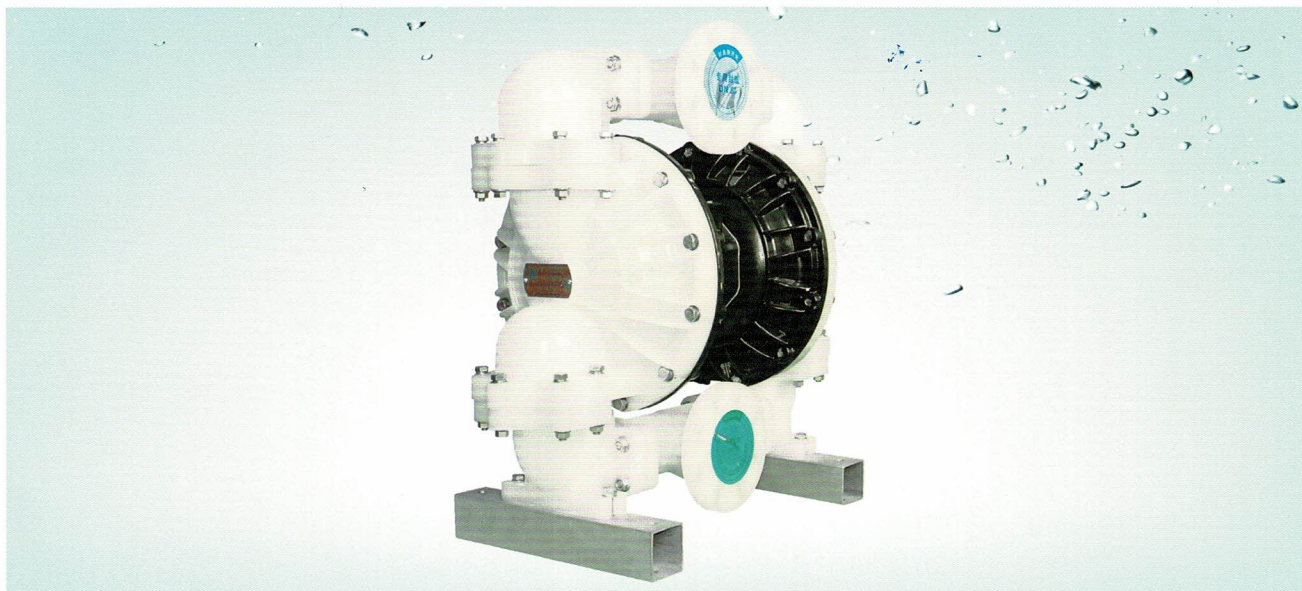
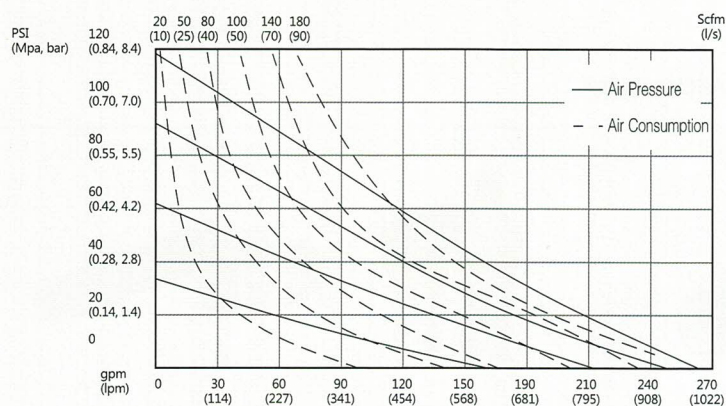


# RV80

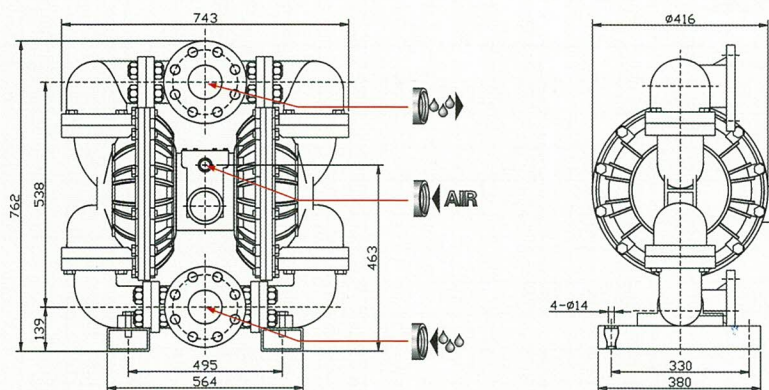
## Pneumatic Diaphragm Pump (Plastic)



### ■ Technical Curve



### ■ Dimensional Drawing

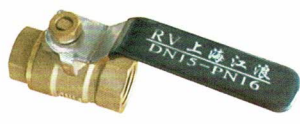


Model Selection

| X                                 | X          | X                             | X                                                                                                                              | X                                                                                                                                        | X                                                                                 | X          |
|-----------------------------------|------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|
| Series                            | Size       | Body                          | Seat                                                                                                                           | Ball                                                                                                                                     | Diaphragm                                                                         | Connection |
| RV—A<br>(Aluminum<br>center body) | K=3"(80mm) | 2 = Polypropylene<br>5 = PVDF | 1 = PTFE<br>3 = SS304<br>4 = SS316<br>5 = Hytrel<br>6 = Santoprene<br>8 = Viton<br>9 = Polypropylene<br>A = PVDF<br>H = SS316L | 1 = Teflon<br>2 = Ceramic<br>3 = SS304<br>4 = SS316<br>5 = Hytrel<br>6 = Santoprene<br>7 = Buna N<br>8 = Viton<br>9 = EPDM<br>H = SS316L | 1 = Teflon<br>5 = Hytrel<br>6 = Santoprene<br>7 = Buna N<br>8 = Viton<br>9 = EPDM | F = Flange |

For more details please refer to the Model Selection Instruction on Page 07.

Main Spare Parts & Accessories

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| Ball, ball seat, diaphragm, sealing ring                                            | Air Filter Regulator                                                                | Leakage Type Ball Valve                                                              | Buffer                                                                                |

Technical Specifications

|                                  |                         |
|----------------------------------|-------------------------|
| Max. Working Pressure            | 120psi(0.84Mpa, 8.4bar) |
| Max. Flow Rate                   | 275 gpm(1041 lpm)       |
| Max. Reciprocating Speed         | 135cpm                  |
| Max. Suction Height(Dry Sucking) | 5m                      |
| Max. Permitted Grain             | 9.4mm                   |
| Max. Air Consumption             | 180scfm(90L/s)          |
| Air Inlet Size                   | 3/4in.                  |
| Air Outlet Size                  | 1 in.                   |
| Fluid Inlet Size                 | 3 in.                   |
| Fluid Outlet Size                | 3 in.                   |
| Weight                           | PP pump 66kg            |

NPT threads can be manufactured according to the user's requirements.