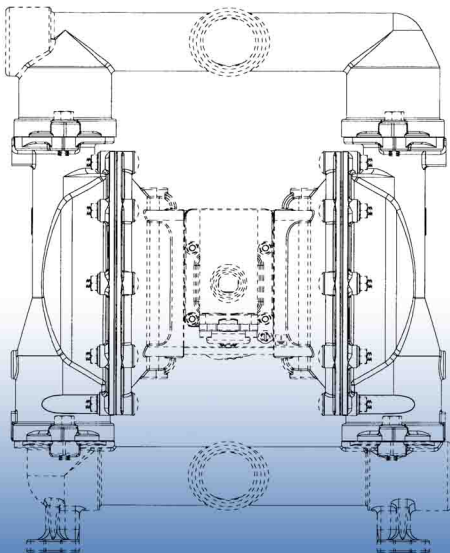


Double Diaphragm pump



Model Overview

Type	H5	H10	H15	H25	H40	H50	H80
Material	Acetal / Polypropylene / PVDF	Acetal / Polypropylene / PVDF	Acetal / Polypropylene / PVDF / AL / SST	Acetal / Polypropylene / PVDF / AL / SST	Acetal / Polypropylene / PVDF / AL / SST / CI	Acetal / Polypropylene / PVDF / AL / SST / CI	Acetal / Polypropylene / PVDF / AL / SST / CI
Suction size (inch)	1/4"	3/8"	1/2"	1"	1/2"	2"	3"
Discharge size (inch)	1/4"	3/8"	1/2"	1"	1/2"	2"	3"
Air inlet size (inch)	1/4"	1/4"	1/4"	1/4"		1/2"	3/4"
suction lift (m)	3	3	4	5	5	5	5
Max. air supply pressure (bar)	7	7	7	7	7	7	7
Max. Flow (l/min)	17	26	50	150	340	570	1000
Max. Head (m)	70	70	70	70	70	70	70
Max. grain diameter (mm)	0.5	1.5	2.5	4	5	6	10

Corrosive fluid parameter & Wetted parts of pump select

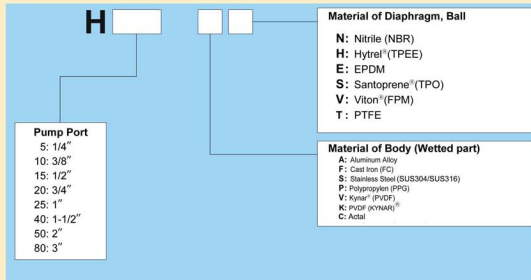
■ PP

SST

PVDF

[illegible]

MODEL INDICATOR



WETTED MATERIALS OF CONSTRUCTION

●Casing

Polypropylene (PPG)

Temperature range: 0°C to 60°C
Good chemical resistance, Lightweight
Lowest temperature, pressure rated material
Glass filled

Kynar (PVDF)

Temperature range: 0°C to 80°C
Excellent chemical resistance
Good strength, higher temperature capability
Carbon filled

Aluminum (ADC-12/AC2A-F)

Used in many non-corrosive, non-abrasive applications
Lightweight

Stainless Steel (SCS14/SS316)

Used in more chemically active fluids
High abrasion resistance

Cast Iron (FC)

Used in variety of non-corrosive fluid
Good for slurry applications

PTFE

Temperature range: 0°C to 80°C
Inert to most chemicals
100% virgin PTFE

Diaphragm life is highly dependent upon material being pumped and the application.

Figures presented are by no means a guarantee.

●Diaphragm Materials (Rubber Compounds)

Nitrile (NBR)

Temperature range: 0°C to 70°C
Estimated life: 10 Million Cycles
Excellent for oil/petroleum based fluid

EPDM

Temperature range: 0°C to 80°C
Estimated life: 10 Million Cycles
Good resistance to acids and caustics

Viton (FKM)

Temperature range: 0°C to 80°C
Estimated life: 3 Million Cycles
Excellent for aggressive fluids and high temperature applications

●Diaphragm Materials (Thermoplastic Compounds)

Hytrel (TPEE)

Temperature range: 0°C to 80°C
Estimated life: 15 Million Cycles
Excellent general purpose / durable diaphragm

Santoprene (TPO)

Temperature range: 0°C to 80°C
Estimated life: 15 Million Cycles
Excellent general purpose / durable diaphragm/High temperature resistance

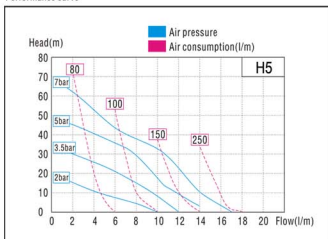
PTFE

Temperature range: 0°C to 80°C
Estimated life: 30 Million Cycles for NDP-5
Estimated life: 15 Million Cycles for DP-10, NDP-15
Estimated life: 3 Million Cycles for NDP-20,25,40,50 and 80
Excellent for pumping highly aggressive fluids



Materiel : Acetal / Polypropylene / PVDF

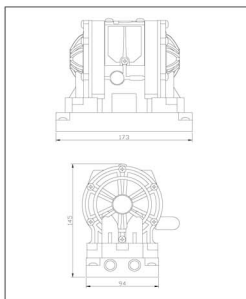
Performance curve



Performance

Type	H5
Suction size[inch]	1/4inch
Discharge size[inch]	1/4inch
Air inlet size[inch]	1/4inch
Suction lift[m]	3m
Max.air ppressure[bar]	7bar
Max.flow[l/m]	17 L/min
Max.head[m]	70m
Max.grain diameter[mm]	0.5mm

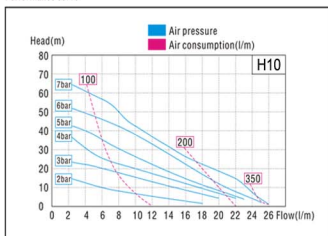
Installation size





Material : Acetal / Polypropylene / PVDF

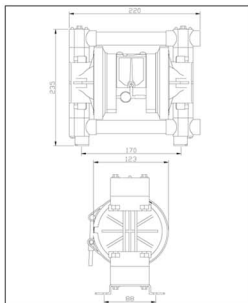
Performance curve



Performance

Type	H10
Suction size[inch]	3/8inch
Discharge size[inch]	3/8inch
Air inlet size[inch]	1/4inch
Suction lift[m]	3m
Max.air ppressure[bar]	7bar
Max.flow[l/m]	26 L/min
Max.head[m]	70m
Max.grain diameter[mm]	1.5mm

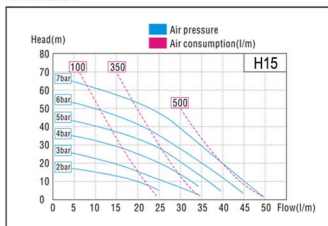
Installation size





Materiel : Acetal / Polypropylene / PVDF /AL / SST

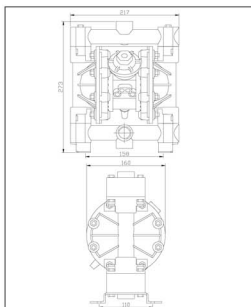
Performance curve



Performance

Type	H15
Suction size[inch]	1/2inch
Discharge size[inch]	1/2inch
Air inlet size[inch]	1/4inch
Suction lift[m]	4m
Max.air ppressure[bar]	7bar
Max.flow[l/m]	50 L/min
Max.head[m]	70m
Max.grain diameter[mm]	2.5mm

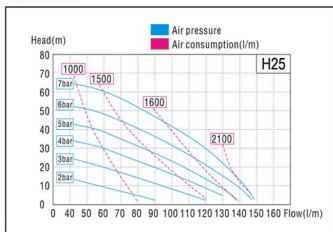
Installation size





Materiel : Acetal / Polypropylene / PVDF /AL / SST

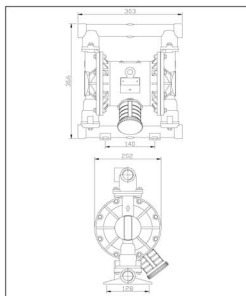
Performance curve



Performance

Type	H25
Suction size[inch]	1inch
Discharge size[inch]	1inch
Air inlet size[inch]	1/2inch
Suction lift[m]	5m
Max.air ppressure[bar]	7bar
Max.flow[l/m]	150 L/min
Max.head[m]	70m
Max.grain diameter[mm]	4mm

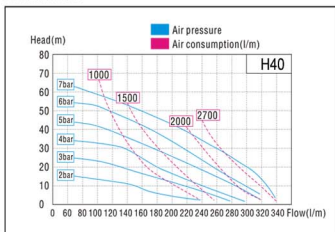
Installation size





Materiel : Acetal / Polypropylene / PVDF /AL / SST/ CI

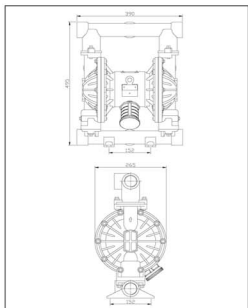
Performance curve



Performance

Type	H40
Suction size[inch]	1 1/2inch
Discharge size[inch]	1 1/2inch
Air inlet size[inch]	1/2inch
Suction lift[m]	5m
Max.air ppressure[bar]	7bar
Max.flow[l/m]	340 L/min
Max.head[m]	70m
Max.grain diameter[mm]	5mm

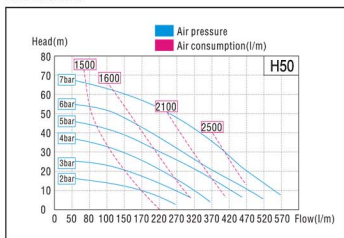
Installation size





Materiel : Acetal / Polypropylene / PVDF /AL / SST / CI

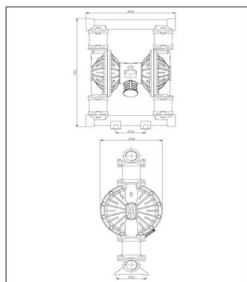
Performance curve



Performance

Type	H50
Suction size[inch]	2inch
Discharge size[inch]	2inch
Air inlet size[inch]	1/2inch
Suction lift[m]	5m
Max.air ppressure[bar]	7bar
Max.flow[l/m]	570 L/min
Max.head[m]	70m
Max.grain diameter[mm]	6mm

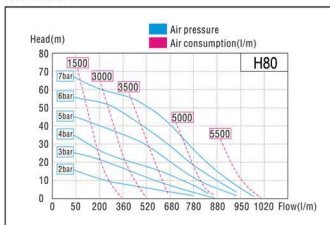
Installation size





Materiel : Acetal / Polypropylene / PVDF /AL / SST / CI

Performance curve



Performance

Type	H80
Suction size[inch]	3inch
Discharge size[inch]	3inch
Air inlet size[inch]	3/4inch
Suction lift[m]	5m
Max.air ppressure[bar]	7bar
Max.flow[l/m]	1000L/min
Max.head[m]	70m
Max.grain diameter[mm]	10mm

Installation size

