

DRY RUNNING DIAPHRAGM PUMP IN AC AND DC

These Bosworth diaphragm pumps come in bronze or epoxy coated, marine grade aluminum construction. The suction and discharge ports come standard in 2" slip-on hose and are available threaded in 1 1/4" FPT and 1 1/2" NPT sizes. Motor options include single and three phase, 50 and 60 Hz, IEEE-45 enclosure, and custom configurations that meet MCA, Lloyds, ABS and USCG specifications. Below are some examples of the sizes available.

Bronze Model Number	Aluminum Model Number	Port Size	Voltage	Hz	HP	Max GPM
BW 2800B-10J18CT	BW 2800-10J18CT	2" Slip-on	115/230 vac	60	1/2	20
BW 2800B-30J18CT	BW 2800-30J18CT	2" Slip-on	230/460 vac	60	1/2	20
BW 2800B-12J18CT	BW 2800-12J18CT	2" Slip-on	12 vdc		1/2	20
BW 2800B-24J18CT	BW 2800-24J18CT	2" Slip-on	24 vdc		1/2	20

BOSWORTH



Electric Driven Diaphragm

CUSTOM CONFIGURED DIAPHRAGM PUMPS*

- Pump liquids with solids
- Self-priming from dry starts
- Safe to run dry indefinitely
- Low emulsive non-shearing action
- Suction lifts up to 20 feet
- Variable flow capacities up to 130 GPM
- 3 size pumps:
 - Compact 0-20 GPM
 - Bone Dry 0-40 GPM
 - Heavy Duty 0-130 GPM
- Rugged quality construction
- Open flow-thru non-clogging design
- Built tough for years of service
- Designed simply for infield maintenance
- Long life reinforced diaphragms
- Permanent installation and portable models
- Pump systems for custom applications
- Made in the USA

Viton and Hypalon diaphragms available. Call our staff for assistance in selecting the proper pump for your application.

*See pages 37 and 58 for more manual pump options.

AIR OPERATED DIAPHRAGM PUMPS, 1/4" TO 3" PORTS

Yamada diaphragm pumps operate on compressed air and are available for a variety of applications including bilge, fuel transfer, oil change, chemicals, sewage, and many others. Pump housings are available in aluminum, cast iron, stainless steel, polypropylene, and Kynar. (CFM = cubic feet of air per minute).

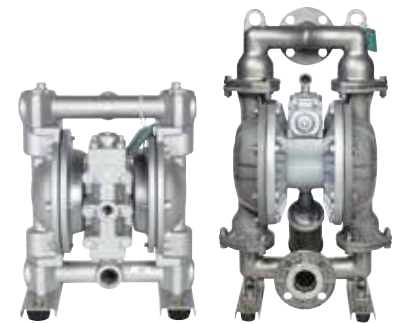
Model Number	Port Size	Minimum CFM	Max GPM at Min CFM	Maximum CFM	Max GPM at Max CFM	Air Pressure and Discharge PSI Range
YA NDP-5	1/4"	2	1.8	6	3.1	20-100PSI
YA DP-10	3/8"	2	3.5	8	6.0	20-100PSI
YA NDP-15	1/2"	3	6	9	15	20-100PSI
YA NDP-20	3/4"	5	15	15	28	20-100PSI
YA NDP-25	1"	10	26	30	49	20-100PSI
YA NDP-40	1 1/2"	25	66	105	111	20-100PSI
YA NDP-50	2"	35	87	140	166	20-100PSI
YA NDP-80	3"	35	125	180	214	20-100PSI

EDSON



Diaphragm

YAMADA



Air Operated Diaphragm

VERTICAL COLUMN SUMP AND SUBMERSIBLE SOLIDS PUMP

The Deming division of Crane Pumps & Systems manufacture industrial quality pumps for sump, bilge and sewage systems used in a broad spectrum of marine markets. The 4500 Series vertical column sump pump can be made in various lengths and is designed to pump various liquids containing small, non-fibrous solids for sump drainage, bilge, utility and pollution control services. The 7365 series submersible pump will handle solids up to 3" inches and is designed for continuous operation. Both pump series are available in several voltages and electrical ratings. 4500 Series can be ABS certified.

Model	Port Sizes	GPM Range	Max Head
4500 Series	1 1/2" to 10"	Up to 3000	150 ft
7365 Series	3", 4", 6", 8"	Up to 3250	250 ft

CRANE / DEMING



Deming 4500 and 7365