

Yamada®

Global Series Diaphragm Pumps

Ideal for Lighter Transfer Applications

G Series Air-Powered Diaphragm Pumps from Yamada feature new technology and engineering for a more competitive AOD pump. The perfect choice when on/off cycling is required. Ideal for lighter transfer applications.



G25AN

Features Include: Stall-free spool design • No lubrication required • 30% less air consumption • Ease of repair • **Critical reliability for on/off cycling** • Aluminum, Stainless or "Pure" Polyethylene bodies • Santoprene, Buna or Teflon diaphragms • Designed for drop-in replacement of common AOD pumps • 20-100 PSI air supply. **Made in USA.**



G15 Series are rated to 16.5 GPM @ 18 SCFM and up to 100 PSI. Rated to 180° F. with Buna and Santoprene or 212° F. with Teflon diaphragms. Handles solids up to 1/32". 15' lift on rubber, 12' lift on teflon.



G15AN



G15PS
G15PT



G25 Series are rated to 37 GPM @ 30 SCFM and up to 100 PSI. Rated to 180° F. Handles solids up to 1/8".

Part No.	Ports	Construction	Max.		
			Flow	PSI	Wt.
YA G15PS	1/2" FPT	* Poly/Santo	16.5 GPM	100	12 lbs.
YA G15PT	1/2" FPT	Poly/Teflon	16.5 GPM	100	12 lbs.
YA G15AN	1/2" FPT	Alum/Buna	16.5 GPM	100	12 lbs.
YA G15AT	1/2" FPT	Alum/Teflon	16.5 GPM	100	12 lbs.
YA G15SS	1/2" FPT	SS/Santo	16.5 GPM	100	18 lbs.
YA G15ST	1/2" FPT	SS/Teflon	16.5 GPM	100	18 lbs.
YA G15VS	1/2" FPT	Kynar/Santo	16.5 GPM	100	8 lbs.
YA G15VT	1/2" FPT	Kynar/Teflon	16.5 GPM	100	8 lbs.
YA G25AN	1" FPT	Alum/Buna	37.0 GPM	100	17 lbs.
YA G25AS	1" FPT	Alum/Santo	37.0 GPM	100	17 lbs.
YA G25AH	1" FPT	Alum/Hytrel	37.0 GPM	100	17 lbs.
YA G25AT	1" FPT	Alum/Teflon	37.0 GPM	100	17 lbs.

* Approved for Bleach Solutions to 5%.

Yamada® Air Operated Diaphragm Pumps

DP & NDP Series

Air-Powered, Double-Diaphragm Pumps are unique, simple, safe. These pumps will handle practically anything that will flow. Multi-purpose pumps are available for almost every plant in every industry. Abrasive and corrosive fluids can be handled without problems.



NDP-15FPT



Pumps shown have Polypropylene, Aluminum, Stainless or Kynar bodies (*poly is standard unless noted*) and either Teflon, Neoprene, Hytrel, Viton® or Buna diaphragms and valves. Pumps are rated from 140° F. to 212° F. depending on body and diaphragm type. Pumps have an air supply range from 20 to 100 PSI.

For higher temperatures or other compatibility requirements, Stainless Steel bodies and sizes up to 3" are also available.

STANDARD FEATURES:

Air Driven-Intrinsically Safe. Air drive allows you to be free from electrical hazards or explosion-proof motor requirements.

Excellent Wear Resistance & Minimum Maintenance. Without moving parts in contact with the liquids or rotating parts to wear, the pump is almost maintenance free.

Self-Priming, Dry Start. Completely self-priming. Also, if liquid source runs dry, the pump can continue to operate without damage from overheating or friction wear unit further liquid is available.

Flow Control. Infinitely variable flow control can be regulated by simply opening or closing a valve on the discharge, or by increasing or decreasing the air supply.

High Lift and Distance Transfer. Because pumps are designed at a 1:1 ratio, discharge pressures are equal to the air inlet pressure. Pressure from 20 to 100 PSI.

Versatile Material Handling. Product capabilities range from clear water to highly viscous, abrasive or aggressive materials.



Part No.	* Ports	Body/ Diaphragm	Max. Flow	Wt.
YA NDP-5FPT	1/4" FPT	Poly/Teflon	3.4 GPM	3 lbs.
YA NDP-5FVT	1/4" FPT	Kynar/Teflon	3.4 GPM	4 lbs.
YA NDP-5FST	1/4" FPT	316SS/Teflon	3.4 GPM	6 lbs.
YA DP-10BPH	3/8" FPT	Poly/Hytrel	6 GPM	7 lbs.
YA DP-10BPT	3/8" FPT	Poly/Teflon	6 GPM	7 lbs.
YA NDP-15BAN	1/2" FPT	Alum/Buna	13 GPM	9 lbs.
YA NDP-15FPS	1/2" FPT	Poly/Santoprene	13 GPM	8 lbs.
YA NDP-15FPT	1/2" FPT	Poly/Teflon	13 GPM	8 lbs.
YA NDP-15FVT	1/2" FPT	Kynar/Teflon	13 GPM	10 lbs.
YA NDP-20BAN	3/4" FPT	Alum/Buna	32 GPM	20 lbs.
YA NDP-20BPT	3/4" FPT	Poly/Teflon	32 GPM	15 lbs.
YA NDP-20BST	3/4" FPT	316SS/Teflon	32 GPM	22 lbs.
YA NDP-25BAN	1" FPT	Alum/Buna	46 GPM	29 lbs.
YA NDP-25BAH	1" FPT	Alum/Hytrel	46 GPM	29 lbs.
YA NDP-25BPT	1" FPT	Poly/Teflon	46 GPM	21 lbs.
YA NDP-25BST	1" FPT	316SS/Teflon	46 GPM	44 lbs.
YA NDP-25BVT-PN	1" FPT	Kynar/Teflon	46 GPM	26 lbs.
YA NDP-32BAN	* 1-1/2" FPT	Alum/Buna	50 GPM	29 lbs.
YA NDP-32BAT	* 1-1/2" FPT	Alum/Teflon	50 GPM	29 lbs.
YA NDP-40BAN	**1-1/2" Flg/FPT	Alum/Buna	107 GPM	64 lbs.
YA NDP-40BPN	*1-1/2" Flange	Poly/Buna	107 GPM	60 lbs.
YA NDP-40BPT	*1-1/2" Flange	Poly/Teflon	107 GPM	60 lbs.
YA NDP-40BST	*1-1/2" Flange	316SS/Teflon	107 GPM	88 lbs.
YA NDP-40BVT	*1-1/2" Flange	Kynar/Teflon	107 GPM	70 lbs.
YA NDP-50BAN	+2" ANSI/FPT	Alum/Buna	164 GPM	82 lbs.
YA NDP-50BAT	+2" ANSI/FPT	Alum/Teflon	164 GPM	82 lbs.
YA NDP-50BPT	*2" Flange	Poly/Teflon	164 GPM	81 lbs.
YA NDP-50BST	2" FPT	316SS/Teflon	164 GPM	132 lbs.
YA NDP-80BAN	+3" ANSI/FPT	Alum/Buna	215 GPM	143 lbs.
YA NDP-80BAT	+3" ANSI/FPT	Alum/Teflon	215 GPM	143 lbs.
YA NDP-80BPT	*3" Flange	Poly/Teflon	215 GPM	141 lbs.
YA NDP-80BST-NPT	3" FPT	316SS/Teflon	215 GPM	225 lbs.

** 1-1/2 Flanged & Tapped 1-1/4" FPT. Can Be Plumbed Either Way.

+ 2" or 3" ANSI Flange Style Tapped 2" or 3" FPT as noted. Can Be Plumbed Either Way.

* All Flanged Pumps Accept Flanges that Are Not Included. See Flange Section of Catalog.

• 1-1/2" x 1-1/4" Ports