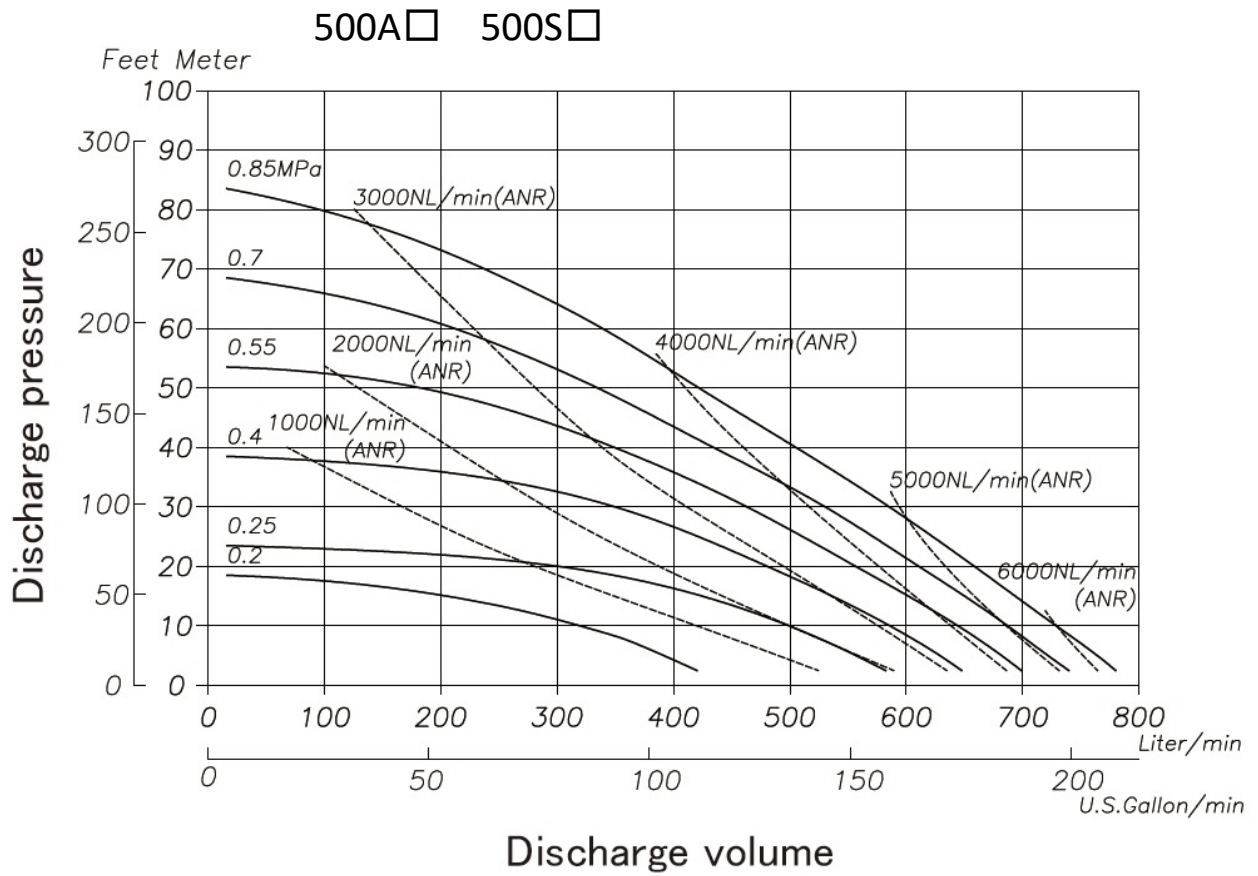
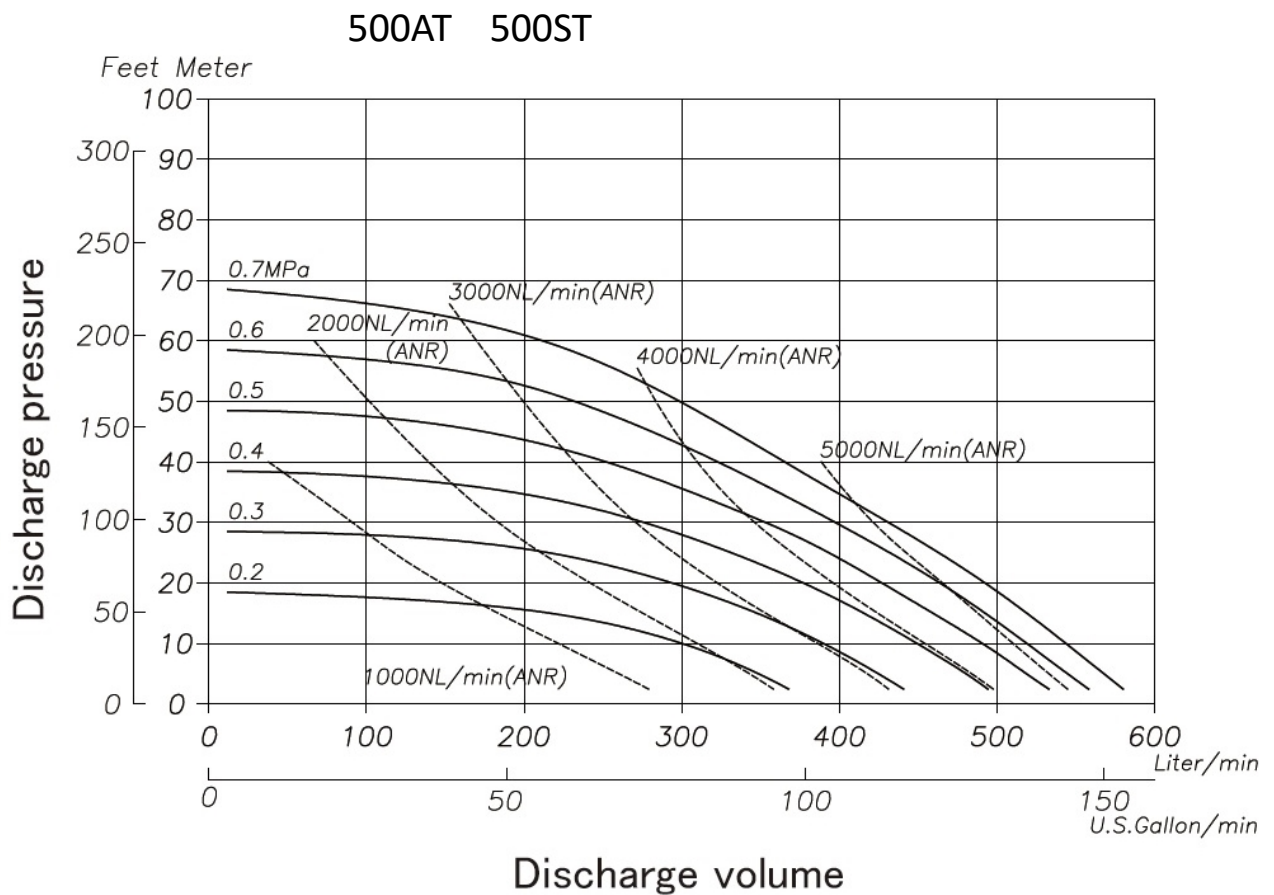


Pump Performance Curves

Rubber Diaphragm Curves



PTFE Diaphragm Curves



Wetted Materials Of Construction

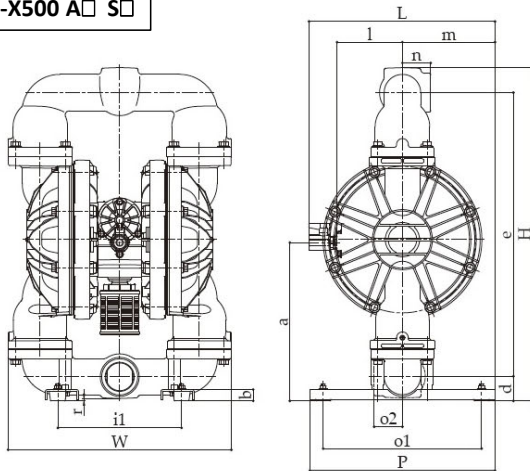
MODEL	500AC □	500AN □	500AE □	500AV □	500AT □	500AH □	500AS □	500SC □	500SN □	500SE □	500SV □	500ST □	500SH □	500SS □
Pump Wetted Parts	ADC12 • AC4C							SCS14						
Diaphragm	CR	NBR	EPDM	FKM	PTFE	TPEE	TPO	CR	NBR	EPDM	FKM	PTFE	TPEE	TPO
Ball Valve	CR	NBR	EPDM	FKM	PTFE	NBR	EPDM	CR	NBR	EPDM	FKM	PTFE	NBR	EPDM
Valve Seat	CR	NBR	EPDM	FKM	PTFE	NBR	EPDM	CR	NBR	EPDM	FKM	PTFE	NBR	EPDM
Center Disk	A5056							SUS316						
Weight	A □ [A □ N] : 34.0 kg [75.0 lbs] A □ J [A □ A] : 36.0 kg [79.4 lbs]							S □ [S □ N] : 62.0 kg [136.7 lbs] S □ J [S □ A] : 67.0 kg [147.7 lbs]						

MODEL	500FC □	500FN □	500FE □	500FV □	500FT □	500FH □	500FS □
Pump Wetted Parts	S45C						
Diaphragm	CR	NBR	EPDM	FKM	PTFE	TPEE	TPO
Ball Valve	CR	NBR	EPDM	FKM	PTFE	NBR	EPDM
Valve Seat	CR	NBR	EPDM	FKM	PTFE	NBR	EPDM
Center Disk	SS400						
Weight	F □ [F □ N] : 62.0 kg [136.7 lbs] F □ J [F □ A] : 67.0 kg [147.7 lbs]						

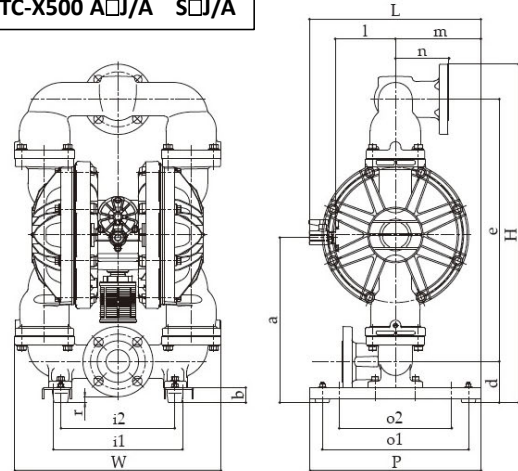
Dimensional Drawings

MODEL	H	W	L	a	b	d	e	i1	i2	l	m	n	o1	o2	P	r	AIR INLET	AIR EXH	LIQUID IN/OUT
500A □ [500A □ N]	683 [26.89]	458 [18.03]	382 [15.04]	324 [12.76]	23 [0.91]	49 [1.93]	582 [22.91]	254 [10.00]	/	134 [5.28]	190 [7.48]	58 [2.28]	325 [12.80]	58 [2.28]	380 [14.96]	5 [0.20]	Rc3/4 [NPT3/4]	Rc1 [NPT1]	Rc2 [NPT2]
500S □ [500S □ N]	681 [26.81]	456 [17.95]	382 [15.04]	324 [12.76]	23 [0.91]	49 [1.93]	582 [22.91]	254 [10.00]	/	134 [5.28]	190 [7.48]	58 [2.28]	325 [12.80]	58 [2.28]	380 [14.96]	6 [0.24]			
500F □ [500F □ N]	751 [29.57]	458 [18.03]	382 [15.04]	366 [14.41]	33 [1.30]	91 [3.58]	582 [22.91]	288 [11.34]	254 [10.00]	134 [5.28]	190 [7.48]	119 [4.69]	325 [12.80]	250 [9.84]	380 [14.96]	13 [0.51]			Equivalent to JIS Flange 10K50A [Equivalent to ANSI Flange 150 2B]
500A □ J [500A □ A]	751 [29.57]	458 [18.03]	382 [15.04]	366 [14.41]	33 [1.30]	91 [3.58]	582 [22.91]	288 [11.34]	254 [10.00]	134 [5.28]	190 [7.48]	119 [4.69]	325 [12.80]	250 [9.84]	380 [14.96]	13 [0.51]			
500S □ J [500S □ A]	751 [29.57]	458 [18.03]	382 [15.04]	366 [14.41]	33 [1.30]	91 [3.58]	582 [22.91]	288 [11.34]	254 [10.00]	134 [5.28]	190 [7.48]	119 [4.69]	325 [12.80]	250 [9.84]	380 [14.96]	13 [0.51]			

TC-X500 A □ S □



TC-X500 A □ J / A □ S □ J / A



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New Generation Spring Assisted Non-Centering Spool.
Newly Improved with SUS Non-Centering Looped C® Springs. Original Ekonal® Seal Rings. Outside Accessible with fully modular Spool Sleeve. Modern Long Life Materials of Construction. Oil & Grease Lubrication Free Design. Optional One piece Seal Rings & Metallic Spool Sleeve are also available.



TC-X

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Self Priming.	Variable Discharge Pressures.	Inherently Safe Design.
Run Dry.	Transfer Liquid Slurries.	Portable & Easy to Use.
Run up to Dead Head.	Transfer Large Sized Solids.	Transfer Viscous Fluids.
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