

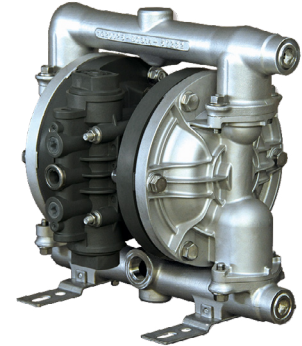
Air-Operated Double Diaphragm Pumps



3/4" TC-X203 Series

TC-X203-Series 3/4" pumps are available in Aluminum and Stainless Steel with optional Aluminum air motor section for exceptional chemical resistance. Featuring the new Looped C® Air Motor technology. Threaded connections available.

Maximum Flow Rate: 52.8 GPM (200 L/Min)
 Maximum Discharge Head: 230 ft (70 m)
 Available in: Aluminum, Stainless Steel
 Spool valve type: Looped C® Spring Valve
 Check Valves: Ball type
 Certification: CE



SPECIFICATIONS				
Material Code*	A "X"	S "X"	AT	ST
Max Flow Rate	52.8 GPM (200 LPM)		50.2 GPM (190 LPM)	
Max Air Pressure	100 PSI (0.7 MPa)			
Max Air Consumption	56.5 scfm (1600 L/min)			
Supply Air Pressure Range ¹	30-100 PSI (0.2 - 0.7 MPa)			
Liquid Discharge Volume per cycle	27 oz (800 mL)		22 oz (650 mL)	
Suction x Discharge	NPT 3/4"			
Weight	23.1 lbs (10.5kg)	44.1 lbs (20.0 kg)	23.1 lbs (10.5kg)	44.1 lbs (20.0 kg)
Weight (MT)	25.4 lbs (11.5 kg)	46.3 lbs (21.0 kg)	25.4 lbs (11.5 kg)	46.3 lbs (21.0 kg)

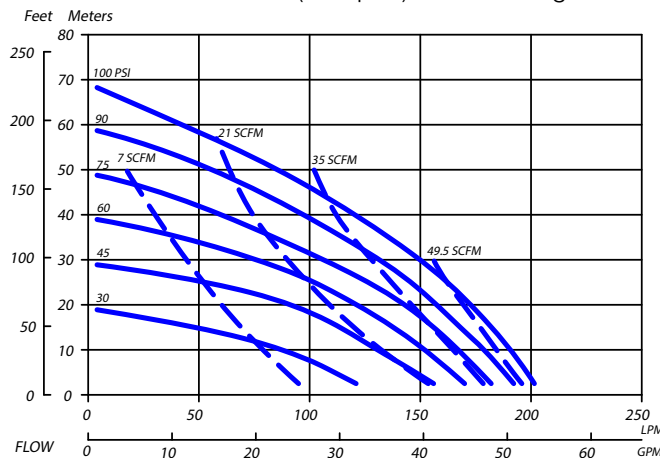
* See Chart and Model Number nomenclature on back page for materials
 Note 1: A supply air pressure of 30 PSI (0.2 MPa) or more is required to operate the pump.
 Pump Liquid Temperature Range: A"X", S"X" 32-158°F (0-70°C) OR, NBR Diaphragm 32-158°F (0-70°C) TPO, PTFE Diaphragm 32-212°F (0-100°C)
 Ambient Temperature Range: 32-158°F (0-70°C)
 Slurry Recommendation: 0.25" (6.5 mm) or less
 Viscosity Limit: Suction lift ~3000 cps (3 Pa-s) Force in ~8000 cps (8 Pa-s) (Please contact your distributor for more details)

PERFORMANCE CURVES

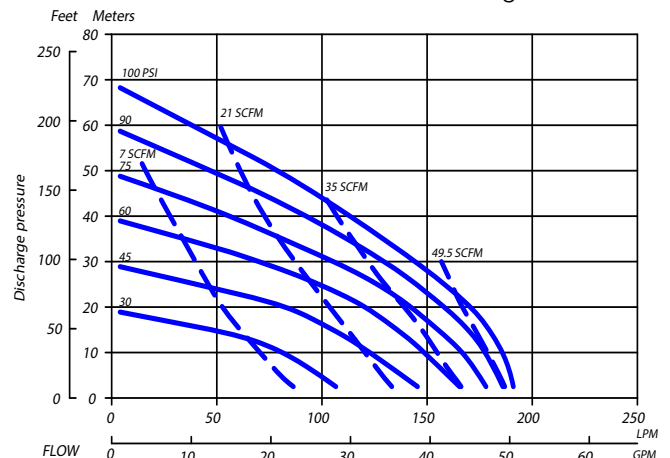
— Flow
 - - - - Air

Conditions:
 4" (10 cm) flooded suction.
 Ambient temperature: 68-77°F (20-25°C)
 Liquid temperature: 68-77°F (20-25°C)

TC-X203A"X"/S"X" (except T) with EcoRing



TC-X203AT/ST with EcoRing



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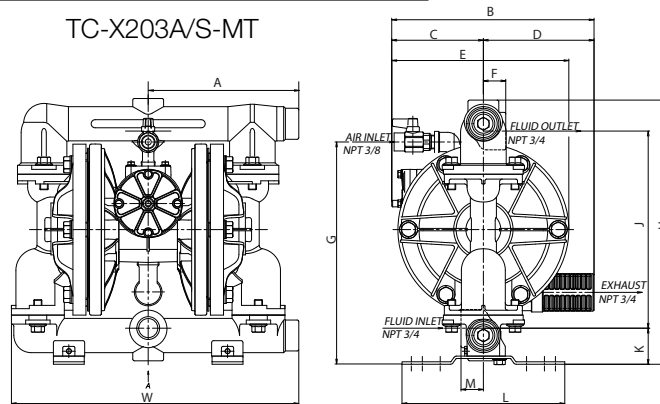
3/4" TC-X203 Series

WET END MATERIALS						
Code	Pump wetted parts	Diaphragm	Ball Valve/Valve Seat	Valve Stopper	Outer Diaphragm Plate	Center Body
AC	AL Alloy	Neoprene™	Neoprene™/BUNA	AL	AL	PPG
AN		BUNA	BUNA			
AE		EPDM	EPDM			
AV		Viton®	Viton®			
AT		PTFE	PTFE			
AH		Hytrel™	Hytrel™/BUNA			
AS		Santoprene®	Santoprene®/EPDM			
SC	Cast SS	Neoprene™	Neoprene™/BUNA	SS 316	SS 316	AL
SN		BUNA	BUNA			
SE		EPDM	EPDM			
SV		Viton®	Viton®			
ST		PTFE	PTFE			
SH		Hytrel™	Hytrel™/BUNA			
SS		Santoprene®	Santoprene®/EPDM			

Neoprene™ Chloroprene Rubber (CR)
 BUNA Nitrile Rubber (NBR)
 EPDM Ethylene propylene diene monomer (Nordel™)
 Viton® Fluoroelastomer (FKM)
 PTFE Polytetrafluoroethylene (Teflon®)
 Hytrel™ Thermoplastic Polyester Elastomer (TPEE)
 Santoprene® Thermoplastic PolyOlefin (TPO)
 PPG Glass Fiber Reinforced Polypropylene
 PVDF Polyvinylidene Fluoride (Kynar®)
 AL Aluminum
 AL Alloy Aluminum Alloy
 SS316 Stainless Steel

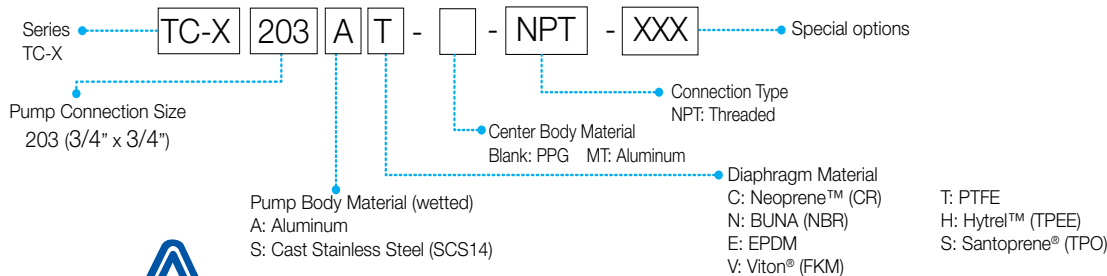
DIMENSIONS

TC-X203A/S-MT



MODEL	A	B	C	D	E	F	G	H	J	K	L	M	W
203S (-MT)	7.3 (185)	9.8 (249)	4.4 (113)	5.4 (136)	8.6 (218)	1.1 (28)	10.7 (273)	12.8 (324)	9.5 (242)	1.7 (44)	7.9 (200)	1.1 (28)	13.9 (353)
203A (-MT)									9.6 (244)				

MODEL NUMBER NOMENCLATURE



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