

Air-Operated Double Diaphragm Pumps

IWAKI AIR

3/8" TC-X100-X Series

The TC-X100-X pumps are compact pumps available only in Glass Fiber Reinforced Polypropylene (GFRPP) and offer a chemically resistant air section.

Maximum Flow Rate: 6.3 GPM (24 L/Min)
 Maximum Discharge Head: 230 ft (70 m)
 Available in: Glass Fiber Reinforced Polypropylene (GFRPP)
 Shuttle valve type: C-Spring Valve
 Certification: CE



SPECIFICATIONS

Material Code*	G "X"
Max Flow Rate	6.3 GPM (24 LPM)
Max Air Pressure	100 PSI (0.7 MPa)
Max Air Consumption	14.1 scfm (400 L/min)
Supply Air Pressure Range ¹	30-100 PSI (0.2-0.7 MPa)
Liquid Discharge Volume per cycle	2.4 oz (70 mL)
Connection Suction x Discharge	NPT 3/8"
Weight	7.7 lbs (3.5 kg)

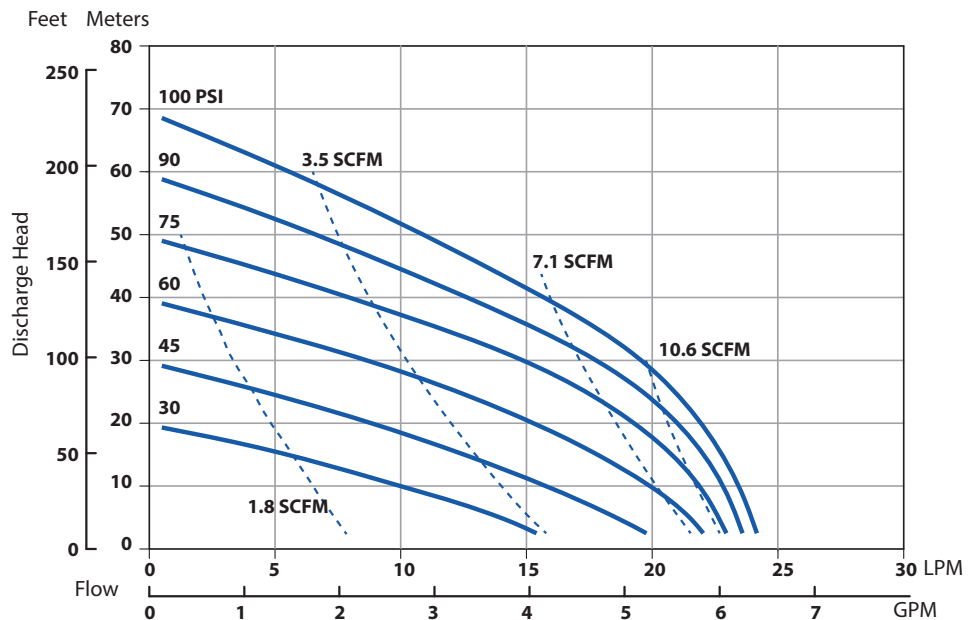
* See Chart and Model Number nomenclature on back page for materials
 Note 1: A supply air pressure of 30 PSI (0.2 MPa) or more is required to operate the pump. If the supply pressure is less than 30 PSI (0.2 MPa), the pump may not operate properly.
 Liquid Temperature Range: 32-180°F (0-82°C)
 Ambient Temperature Range: 32-158°F (0-70°C)
 Slurry Recommendation: 1mm or less
 Limitation of Viscosity: ~500 cps (0.5 Pa·s)

PERFORMANCE CURVES

TC-X100G "X"

— Flow
 - - - - Air

Conditions:
 4" flooded suction.
 Ambient temperature: 79°F (26°C)
 Liquid temperature: 72-75°F (22-24°C)



3/8" TC-X100 Series

SPECIFICATIONS

Model	TC-X100-X					
Part Name	GC	GN	GT	GW	GH	GS
Pump Wetted Parts	GFRPP					
Diaphragm	CR	NBR	PTFE	PTFE/EDPM backup (one piece)	TPEE	TPO
Ball Valve	CR	NBR	PTFE	PTFE	NBR	EPDM
Valve Seat/Stopper	PPG					
Center Disk	GFRPP (SS303*)					

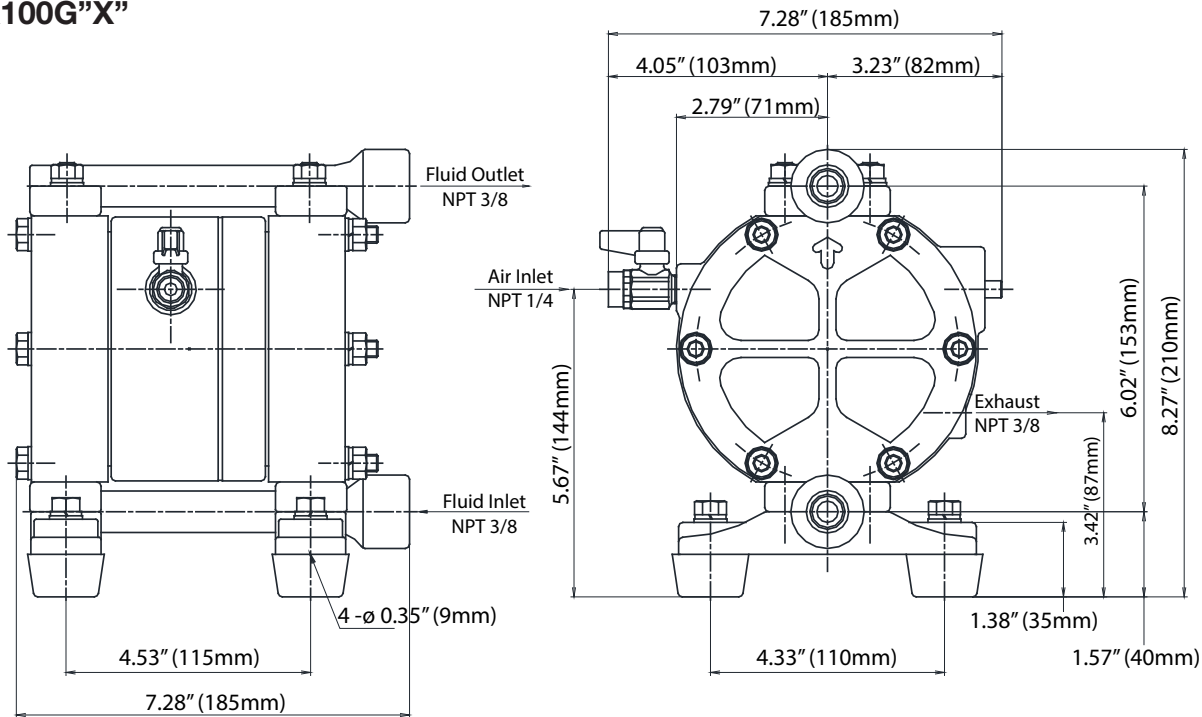
GFRPP Glass Fiber Reinforced Polypropylene
 PTFE Polytetrafluoroethylene (Teflon®)
 CR Chloroprene Rubber (Neoprene™)
 NBR Nitrile Rubber (Buna®)

TPEE Thermoplastic Polyester Elastomer (Hytrel™)
 TPO Thermoplastic PolyOlefin (Santoprene®)
 EPDM Ethylene Propylene Diene Monomer (Nordel™)

*SS303 Stainless Steel Grade 303 (Insert material)

DIMENSIONS

TC-X100G"X"



MODEL NUMBER NOMENCLATURE

