Model Number Explanation & Example Part Numbers

PART # XX XX X - X X - X X X X - X X - X

Series	Pump Size	Wetted Material	Non-wetted Material	Air Valve Material	Diaphragm Material	Check Valve Ball	Check Valve Seat	Seat O-ring	Connection	Porting Location	Specials

Series*
FT - Pump End
FW - Wet End

Pump Size*
15Z - 1.5”

Wetted Materials*
P - Polypropylene, FDA
V - PVDF

Non-wetted Materials
P - GFRPP

Air Valve Materials
A - Aluminum
Q - GFRPP w/ prox sensor
P - GFRPP
B - Aluminum w/ prox sensor

Diaphragm Materials*
N - Neoprene
B - Buna-N, FDA
E - EPDM
F - FKM
R - Santoprene
H - Hytrel
U - Polyurethane
1 - PTFE/Neoprene
2 - PTFE/Santoprene
3 - PTFE/BUNA, FDA
4 - PTFE/Santoprene, FDA
5 - Santoprene, FDA
6 - Hytrel, FDA

Check Valve Ball Materials*
N - Neoprene
B - Buna-N
E - EPDM
S - 316SS, FDA
W - Weighted PTFE, FDA
F - FKM
R - Santoprene
T - PTFE, FDA
5 - Santoprene, FDA

Check Valve Seat Materials*
P - Polypropylene, FDA
A - Aluminum
T - PTFE
B - Buna-N
F - FKM
H - Hytrel
U - Polyurethane
V - PVDF
S - 316SS
N - Neoprene
E - EPDM
R - Santoprene
5 - Santoprene, FDA
6 - Hytrel, FDA

Check Valve Seat O-Ring Materials*
N - Neoprene
E - EPDM
F - FKM
R - Santoprene
B - Buna-N
U - Polyurethane
C - FEP/FKM, FDA
0 - None

Connection
N - ANSI/DIN/ISO Flange w/ FNPT
B - ANSI/DIN/ISO Flange w/ FBSPT

Porting location
1 - End (standard)
3 - Center vertical
2 - Center horizontal
4 - Center vertical suction & end discharge

Specials
M1 - Metal muffler
M2 - Oversized metal muffler
B1 - Blind flange kit
P1 - Halogenated hydro-carbon compatible

**Required for wet end*

Example Pump P/N’s: FT15ZP-PP-RRPR-N1, FT15ZP-PA-BBPB-N1, FT15ZV-PP-1TVC-N1 & FT15ZV-PA-FFVF-N1
Example Wet End P/N’s: FW15ZP-RRPR, FW15ZP-BBPB, FW15ZV-1TVC & FW15ZV-FFVF

Specifications

Pump Type: Non-Metallic Air Operated Double Diaphragm

Weight:	PP - 41 lbs (18.6 kgs) PVDF - 60 lbs (27.2 kgs)
Air Inlet/Exhaust Size:	1/2” FNPT/3/4” FNPT
Max Air Inlet Pressure:	100 psig (6.9 bar)
Max Material Inlet Pressure:	10 psig (0.7 bar)
Air Consumption @ 100 psi:	100 scfm (170 Nm^3/hr)
Noise Level:	77 dB(A)

Max Suction Lift:	Wet - 28 ft H_20 (8.5 m H_20) Dry - Rubber/PTFE: 18 ft H_20 (5.5 m H_20) TPE: 28 ft H_20 (8.5 m H_20)
Max Flow Rate:	125 gpm (473 lpm)
Suction/Discharge Size:	1-1/2” ANSI/DIN/ISO flange
Max Particle Size:	0.38” (9.7 mm)
Max Outlet Pressure:	100 psig (6.9 bar)
Displacement Per Stroke:	0.24 gal (0.91 liter)