

i120 INDUSTRIAL PUMPS

Technical Specifications



TECHNICAL SPECIFICATIONS	US	METRIC
Maximum Fluid Pressure	70 psi	4.83 bar, 0.48 Mpa
Maximum Fluid Flow	120 gpm	454 lpm
Maximum Particle Size	0.25 in.	6.35 mm
Environmental Temp Rating	0 to 104 °F	-18 to 40 °C
Fluid Connection	AL, SST, CI (2.0 in. NPT(F))	AL, SST, CI (2.0 in. BSPT(F))
	CP, PP, PV (ANSI 150 2 NPS, DIN PN16 050-2 in., JIS 10k 50)	CP, PP, PV (ANSI 150 2 NPS, DIN PN16 050-2 in., JIS 10k 50)
Suction Lift	Dry (13.3 ft)	Dry (4.0 m)
	Wet (13.3 ft)	Wet (4.0 m)
Approvals*	UL, ATEX, C1D1 Group D	
Fluid Section Materials	Aluminum, Stainless Steel, Polypropylene, Conductive Polypropylene, PVDF, Hastelloy, Cast Iron	
Seat Options	Aluminum, Santoprene, Geolast, Hytrel, Stainless Steel, Buna, FKM	
Check Ball Options	TPE, Santoprene, Geolast, Hytrel, PTFE, Buna, FKM, Stainless Steel, Acetal	
Diaphragm Options	2-piece PTFE, PTFE OM, Santoprene, Buna, FKM, Geolast, Hytrel	
Seals and Gasket Options	PTFE, Buna	

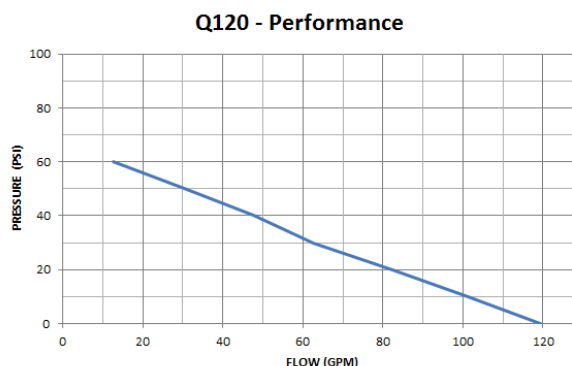
*Approvals depend on the pump configuration build

ELECTRICAL RATINGS	RATED VOLTAGE	PHASE	HERTZ	CURRENT	PLUG TYPE	APPROVALS
FF1 Motor (North America)	200-240 V	3	50/60 Hz	7.5 A	NEMA L15-20	UL, Ordinary Location
FF2 Motor (World Wide)	200-240 V	1	50/60 Hz	15 A	NEMA L15-20	UL, Ordinary Location
FF3 Motor (North America)	200-240 V	3	50/60 Hz	7.5 A	Flying Leads	UL, C1D1 Group D
FF4 Motor (World Wide)	200-240 V	1	50/60 Hz	15 A	Flying Leads	UL, ATEX

QUANTM™ i120

TECHNICAL SPECIFICATIONS

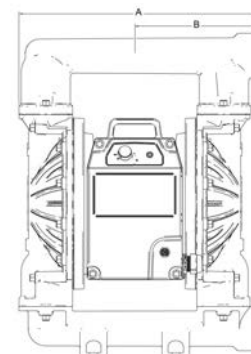
PERFORMANCE CURVE



ALUMINUM PUMPS

DIM REF.	IN	CM
A	17.50	44.45
B	9.00	22.86
C	14.89	37.82
D	6.25	15.88
E	23.60	59.94
F	21.90	55.63
G	2.00	5.08
H	6.72	17.07
J	6.00	15.24
K	6.00	15.24

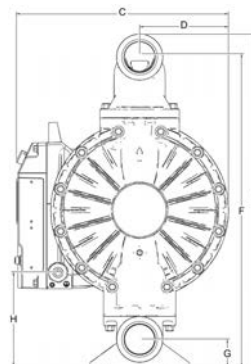
WEIGHT	
99 lb	44.9 kg



STAINLESS STEEL, CAST IRON & HASTELLOY

DIM REF.	IN	CM
A	18.13	46.05
B	9.40	23.88
C	14.89	37.82
D	6.25	15.88
E	26.34	66.90
F	24.79	62.97
G	2.50	6.35
H	9.01	22.89
J	6.00	15.24
K	6.00	15.24

WEIGHT		
SST	162 lb	73.5 kg
CI	165 lb	74.8 kg



POLYPROPYLENE, CONDUCTIVE POLYPROPYLENE & PVDF

DIM REF.	IN	CM
A	19.70	50.04
B	11.00	27.94
C	14.89	37.82
D	6.25	15.88
E	25.70	65.28
F	22.70	57.66
G	3.50	8.89
H	7.53	19.13
J	6.00	15.24
K	6.00	15.24

WEIGHT		
PP, CP	100 lb	45.4 kg
PV	117 lb	53 kg

