



# i30 INDUSTRIAL PUMPS

## Technical Specifications



TECHNICAL SPECIFICATIONS	US	METRIC
Maximum Fluid Pressure	100 psi	6.89 bar, 0.69 MPa
Maximum Fluid Flow	30 gpm	114 lpm
Maximum Particle Size	0.13 in.	3.2 mm
Environmental Temp Rating	0 to 104 °F	-18 to 40 °C
Fluid Connection	AL, SST, HAS (1.0 in. NPT)	AL, SST, HAS (1.0 in. BSPT)
	CP, PP, PV (1.0 in. ANSI/DIN)	CP, PP, PV (1.0 in. ANSI/DIN)
Suction Lift	Dry (11.3 ft)	Dry (3.4 m)
	Wet (22.6 ft)	Wet (6.8 m)
Approvals*	UL, ATEX, C1D1 Group D	
Fluid Section Materials	Aluminum, Stainless Steel, Polypropylene, Conductive Polypropylene, PVDF, Hastelloy	
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	

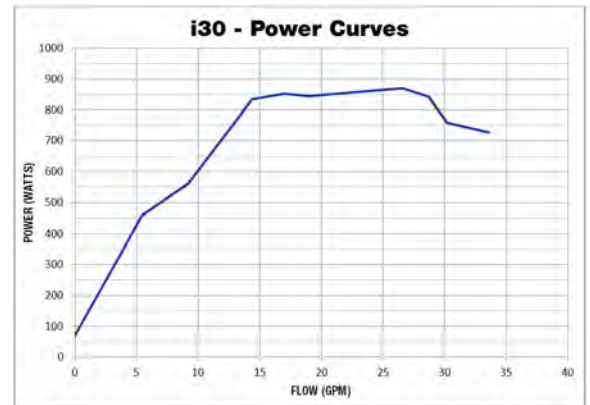
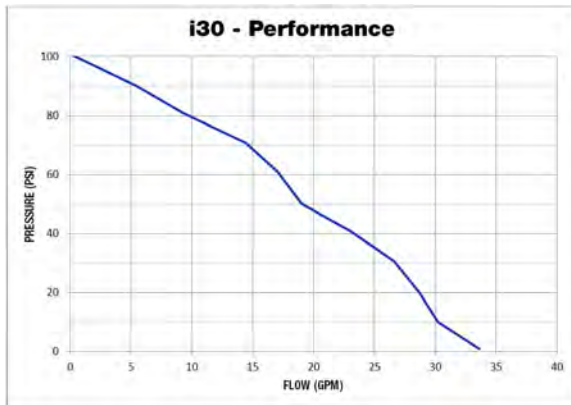
\*Approvals depend on the pump configuration build

ELECTRICAL RATINGS	RATED VOLTAGE	PHASE	HERTZ	CURRENT	PLUG TYPE	APPROVALS
FC2 Motor (World Wide)	200–240 V	1	50/60 Hz	10 A	NEMA L15-20	UL, Ordinary Location
FC4 Motor (World Wide)	200–240 V	1	50/60 Hz	10 A	Flying Leads	UL, ATEX
FC5 Motor (North America)	100–120 V	1	50/60 Hz	12 A	NEMA 5-15	UL, Ordinary Location
FC6 Motor (North America)	100–120 V	1	50/60 Hz	12 A	Flying Leads	UL, C1D1 Group D

# QUANTM™ i30 TECHNICAL SPECIFICATIONS



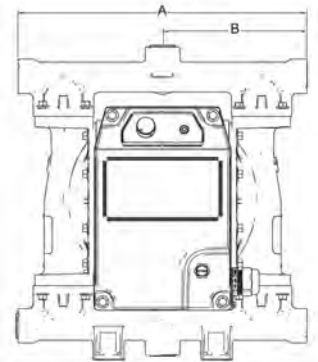
## PERFORMANCE AND POWER



## ALUMINUM

DIM REF.	IN	CM
A	14.70	37.34
B	7.35	18.67
C	13.25	33.66
D	4.57	11.61
E	15.94	40.49
F	14.44	36.68
G	1.76	4.47
H	3.70	9.40
J	5.00	12.70
K	5.50	13.97

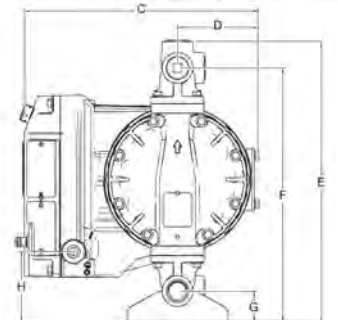
WEIGHT	
62 lb	28.1 kg



## STAINLESS STEEL & HASTELLOY

DIM REF.	IN	CM
A	13.90	35.31
B	6.58	16.71
C	13.25	33.66
D	4.57	11.61
E	13.70	64.80
F	12.90	32.77
G	1.10	2.79
H	2.20	5.59
J	5.00	12.70
K	5.50	13.97

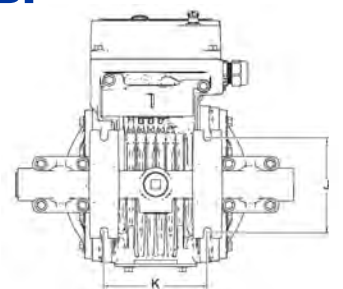
WEIGHT	
79 lb	35.8 kg



## POLYPROPYLENE, CONDUCTIVE POLYPROPYLENE & PVDF

DIM REF.	IN	CM
A	15.20	38.61
B	8.00	20.32
C	13.25	33.66
D	4.57	11.61
E	17.80	45.21
F	15.70	39.88
G	2.50	6.35
H	4.69	11.91
J	5.00	12.70
K	10.42	26.47

WEIGHT		
PP, CP	61 lb	27.7 kg
PV	67 lb	30.4 kg



# QUANTM™ ELECTRIC PUMP

# THE POWER YOU EXPECT

## SAVE ENERGY, CUT COSTS AND RUN CLEANER

QUANTM isn't just another electric pump: it's a game-changer. QUANTM features a revolutionary electric motor design that will reduce operational costs and keep your production lines running. It is a perfect fit for nearly any fluid application and a drop-in replacement for existing pumping technologies. Protect your bottom line by converting to a QUANTM Electric Pump.

### EFFICIENT ELECTRIC DRIVE

- Up to 80% less energy consumption
- Requires no compressed air
- No freezing

### INTEGRATED CONTROLS

- Control flow and pressure at the pump
- I/O for remote operation



### PROVEN ADD BENEFITS

- Stalls under pressure
- Self-priming
- Dry running
- Handles solids and abrasive materials

### PLUG AND PLAY

- Factory wired for quick install
- 120V and 240V options
- Hazardous Location models available

## THE SIMPLICITY WILL SURPRISE YOU

The industry of tomorrow isn't expensive, hard-to-learn, and a burden on your team. It's smart, simple, cost-effective, clean and environmentally responsible. We designed QUANTM to be quieter, lighter, more reliable, and easier for anyone in your team to maintain. QUANTM isn't one small step toward a better facility — it's a leap into the future.



**SUSTAINABLE  
OPERATIONS**



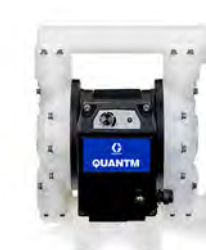
**OPERATIONAL  
RESILIENCE**



**COST  
SAVINGS**



**SIMPLIFIED  
MAINTENANCE**



Model	QUANTM i30 (1")	QUANTM i80 (1.5")	QUANTM i120 (2")	QUANTM i120LP (2")
Material of Construction	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, PVDF	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, PVDF	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, Cast Iron, PVDF	Aluminum
Pressure	100 psi (7 bar, 0.7 MPa)		60 psi (4 bar, 0.4 MPa)	
Flow	30 gpm (115 lpm)	80 gpm (300 lpm)	120 gpm (450 lpm)	
Voltage	120V single phase		240V 3 phase	



SCAN FOR MORE  
INFORMATION

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