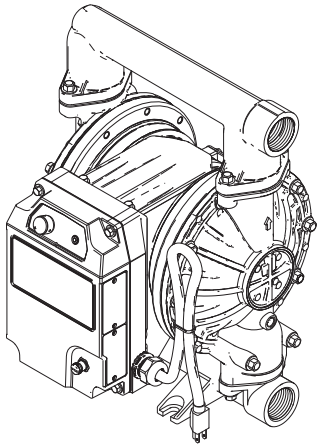
EODD | QUANTM-i80

STANDARD PUMP Europe



The GRACO QUANTM™ electric operated diapragm pump combine all of the benefits of a traditional air operated diaphragm pump like self-priming, stalling under pressure and increased diaphragm life with the benefits of an electric pump like energy cost savings, reduced pulsation and increased pump control.

- Up to 80% more efficient than an air operated diaphragm pump
- The first electric diaphragm pump on the market that will stall under pressure
- Smart pump control more accurate flow set points
- built in I/O for remote operation (4-20mA)
- Reduce pulsation without the addition of pulsation dampeners
- Mobile cart options available for easy and quick movement
- Can run dry
- Including Leak Sensor (auto-stop electric motor)
- IE5 (ultra premium) Efficiency Class Flux-core drive reduces energy consumption up to 8x compared to traditional air operated diaphragm pumps
- Auto-priming (no need to fill the pump to operate)
- Able to acheive flow rates up to 303 lpm
- Patent pending technology allows pump to stall under pressure preventing pump failures from clogged lines or closed valves

Technical Specifications (Pump)

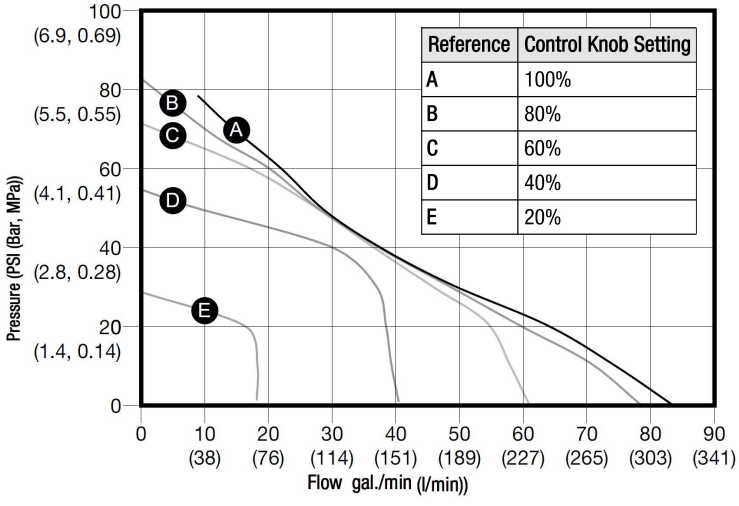
Material of Construction	Aluminum
Connection Size	1.5 in (38.1 mm)
Fluid Inlet and outlet Size	BSP-T
Motor	AC
Power	230V
Maximum Flow Rate	303 lpm
Maximum Discharge Pressure	6.9 bar
Center Section	Aluminium
Pump Weight	32,2 kg
Maximum Solids	4.8 mm
Maximum suction lift*	Wet: 8.8 m; Dry: 5.9 m
Seats	TPE (Hytrel)
Ambient air temperature range for operation	-20 °C to 40 °C
Balls	Acetal
Diaphragm	TPE (Hytrel)
Configuration	End-port
Maximum Fluid Operating Temperature	66 °C
Hazardous location approved	Ex ATEX II 2 G Ex db h IIB T4 Gb

** Performance may vary based on pump materials, suction condition, discharge head, pressure, and fluid type.*

Technical Specifications (Motor)

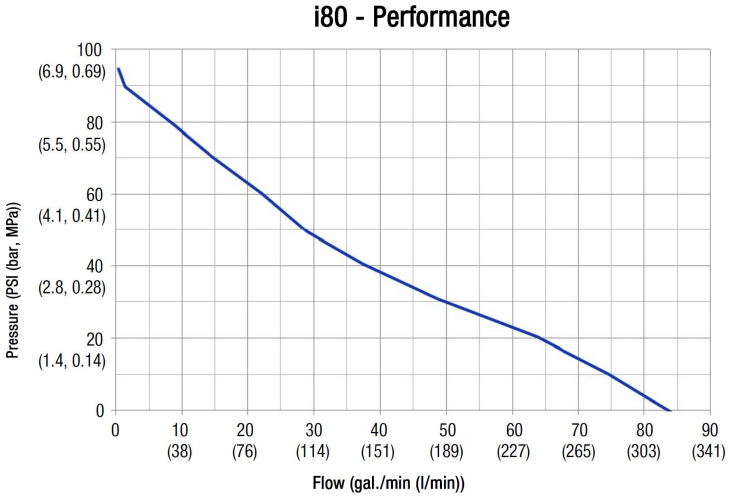
Type	Flux-Core drive
Speed	50Hz / 60 Hz
Voltage	1–ph 230V
Maximum Amperage Load	15 A (230V)
IP Rating	IP66
Efficiency Class	IE5 (ultra-premium)
Control	Local + Remote (4-20mA)

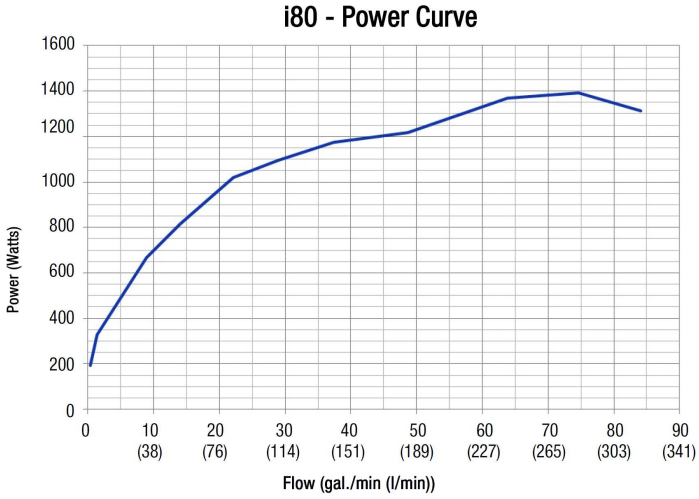
Performance Chart(*)



INDUSTRIAL PUMP

STANDARD PUMP Europe

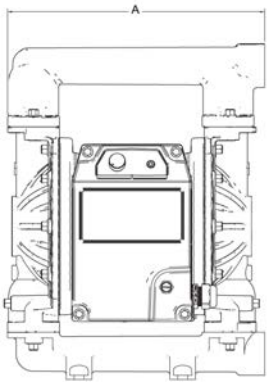




ALUMINUM PUMPS

DIM REF.	IN	CM
A	15.07	38.28
C	13.81	35.08
D	5.17	13.13
E	19.60	49.78
F	18.30	46.48
G	1.50	3.81
H	4.55	11.56
J	6.00	15.24
K	6.00	15.24

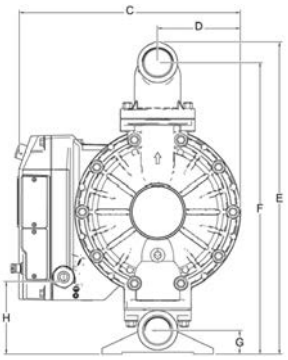
WEIGHT	
71 lb	32.2 kg



STAINLESS STEEL & HASTELLOY

DIM REF.	IN	CM
A	16.10	40.89
C	13.85	35.18
D	5.21	13.23
E	18.97	48.18
F	17.75	45.09
G	1.44	3.66
H	4.55	11.56
J	6.00	15.24
K	6.00	15.24

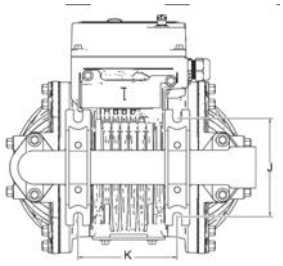
WEIGHT	
112 lb	50.8 kg



POLYPROPYLENE, CONDUCTIVE POLYPROPYLENE & PVDF

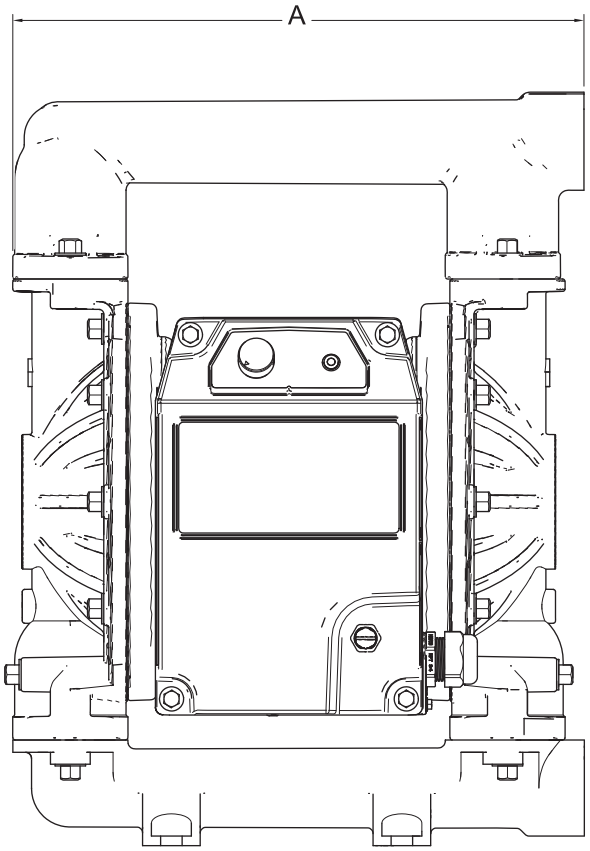
DIM REF.	IN	CM
A	17.60	44.70
C	13.87	35.23
D	5.23	13.28
E	22.00	55.88
F	19.30	49.02
G	3.00	7.62
H	5.85	14.86
J	6.00	15.24
K	6.00	15.24

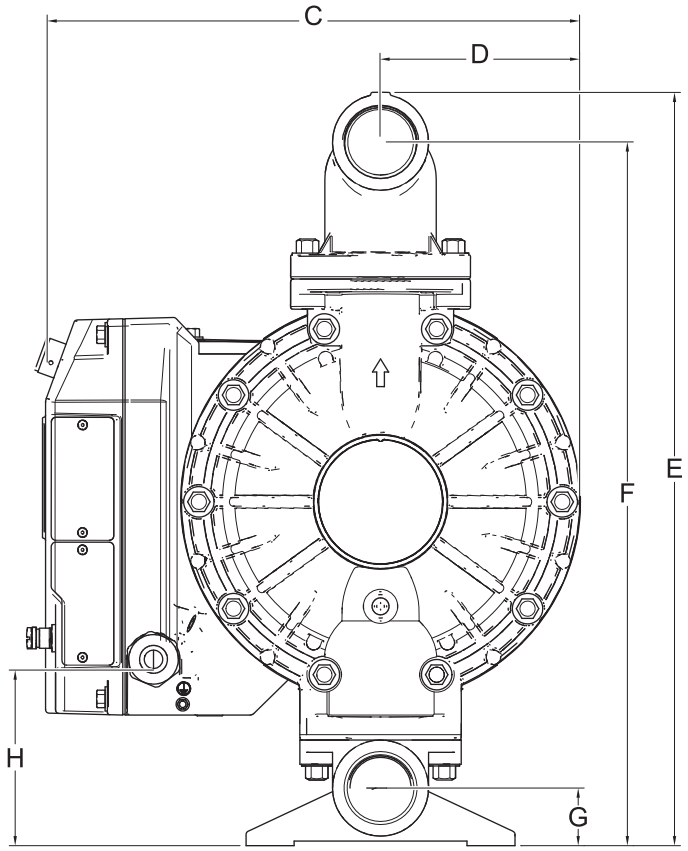
WEIGHT		
PP, CP	75 lb	34 kg
PV	85 lb	38.5 kg

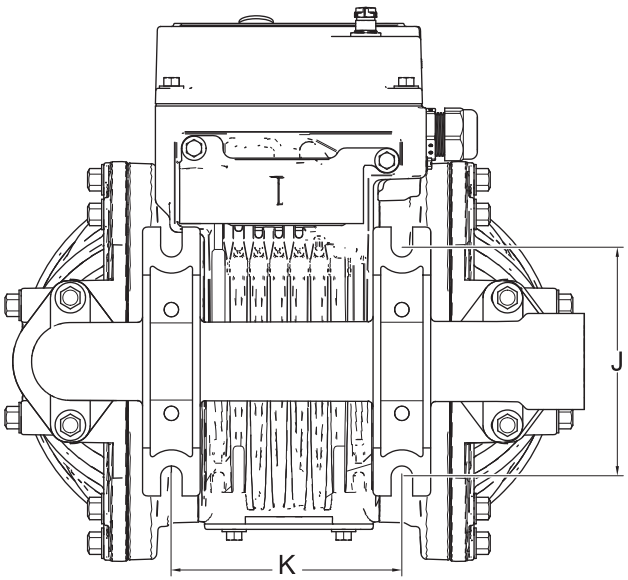


INDUSTRIAL PUMP

Dimensions for SPE-Q-i80 Model with Metal Wetted Section







Dimensions for i80 (QTC) Model with Metal Wetted Section Material		
Ref.	**AL**	**SS**
	cm	**cm**
A	38.28	40.89
C	35.08	35.18
D	13.13	13.23
E	49.78	48.18
F	46.48	45.09
G	3.81	3.66
H	11.56	11.56
J	15.24	15.24
K	15.24	15.24