

POLAR JET® PJ 25



The Polar Jet PJ 25 is a twin nozzle, non-programmable tank cleaning machine ideal for portable use. Particularly suitable for corrugated tanks where cleaning is required at more than one level without the use of fixed multi-stage systems.



It can also be used as a fixed installation either mounted on a standpipe from deck or submerged, installed in the bottom of the tanks as an effective compliment to any deck-mounted machine.



The symmetrically opposed nozzles are driven by an integrated turbine and gearing unit providing safe and reliable starting and stable speed control.



Rotation in the horizontal plane combined with vertical movement provides an almost spherical cleaning pattern. Speed will vary slightly according to nozzle size and pressure with one full cycle taking approximately 30 minutes.

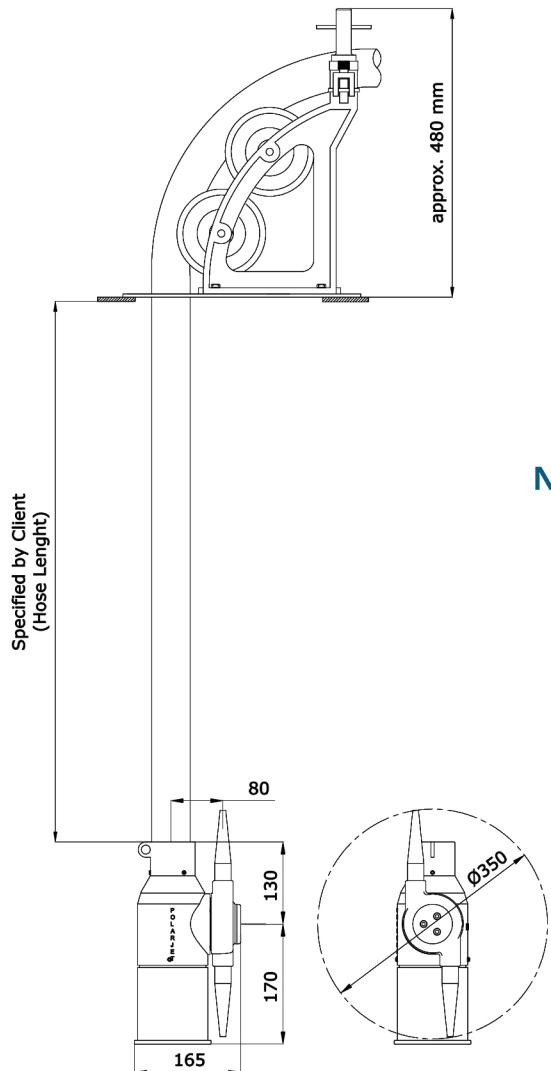


The PJ 25 can be supplied complete with tank cleaning hose, deck flange, hose saddle and deck pipe coupling.



Polarmarine provide in-house Shadow Diagrams using 3-Dimensional CAD for model Selection, Quantity, Positioning and Main Pipe Lengths to optimize cleaning coverage per unit.

DATA SHEET POLAR JET® PJ 25



NOTE: A two inch female pipe thread is provided as standard modified to suit shipyard as required.

- : Detail of Hose Saddle Flange, Hose, Hose Connection to ship to be specified by shipyard as applicable.

WEIGHT: 9.0 kg.

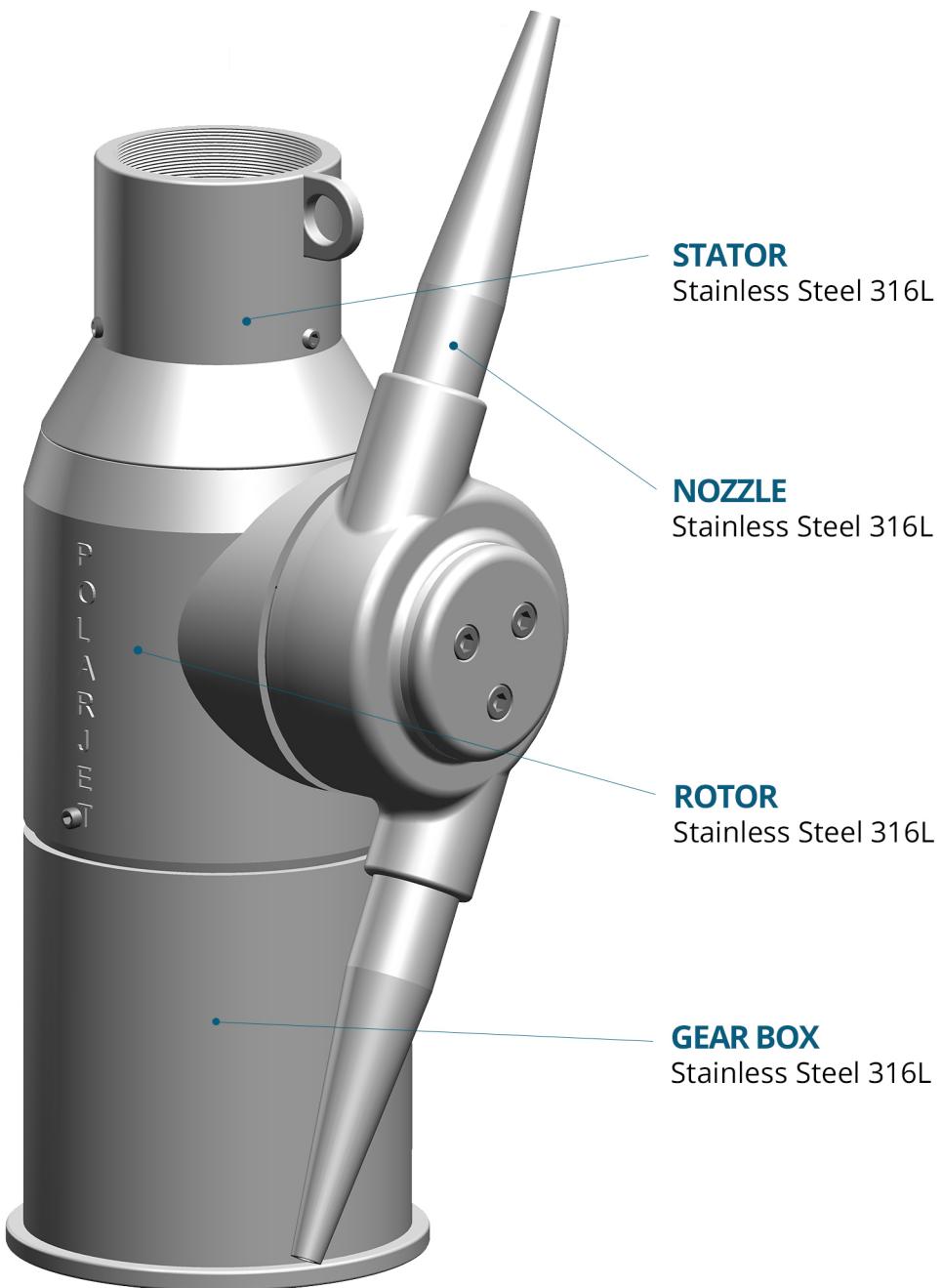
PERFORMANCE DATA FOR POLAR JET® PJ 25

PRESSURE, NOZZLE DIAMETER, THROUGHPUT AND JET LENGTH

PRESSURE	NOZZLE: Ø 8mm		NOZZLE: Ø 9mm		NOZZLE: Ø 10mm		NOZZLE: Ø 12mm		NOZZLE: Ø 14mm		NOZZLE: Ø 16mm	
BAR	m³/h	METER	m³/h	METER	m³/h	METER	m³/h	METER	m³/h	METER	m³/h	METER
12	9.0	18.5	18.0	20.0	27.0	21.5	38.0	23.0	52.0	25.0	64.0	26.5
11	8.5	18.0	17.0	19.5	25.5	21.0	36.5	22.5	49.5	24.5	62.0	26.0
10	8.0	17.0	16.0	18.5	24.5	20.5	34.5	22.0	47.0	23.5	58.5	25.0
9	7.5	16.0	15.0	17.5	23.0	19.5	33.0	21.0	44.5	22.5	55.5	24.0
8	7.0	15.0	14.0	16.5	21.5	18.5	31.5	20.0	42.0	21.5	52.0	23.0
7	6.5	14.0	13.0	15.5	20.5	17.5	29.5	19.0	39.5	20.5	49.0	22.0
6	6.0	13.0	12.0	14.5	19.0	16.5	28.0	18.0	37.0	19.5	46.0	21.0

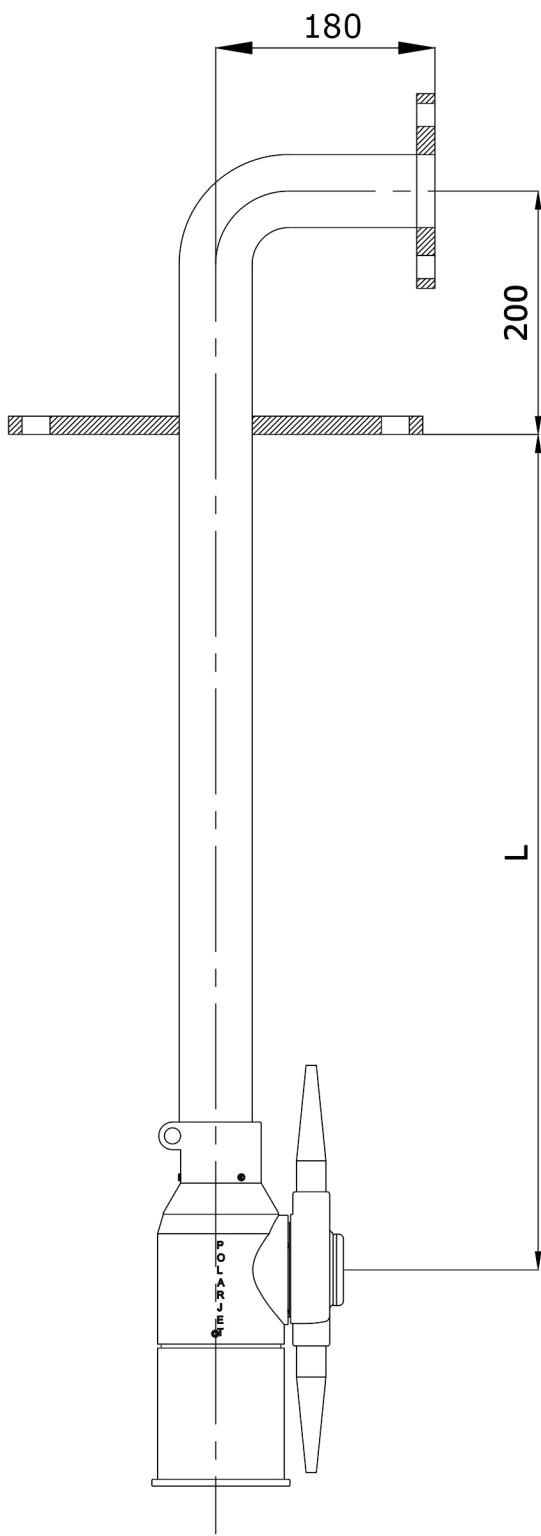
Note: Polarmarine can provide intermediate nozzle sizes based on customer's machine performance requirement. On the other hand, intermediate nozzle sizes could refer to performance data of the larger nozzle size (For instance, Ø 15.2 mm needs to apply performance data of Ø 16 mm).

MATERIAL SPECIFICATIONS POLAR JET® PJ 25



POLAR JET® PJ 25 DECK MOUNTED

SMALLEST DECK OPENING 180mm



INLET FLANGE

OD	Ø 155mm
PCD	Ø 120mm
8 Holes	Ø 19mm

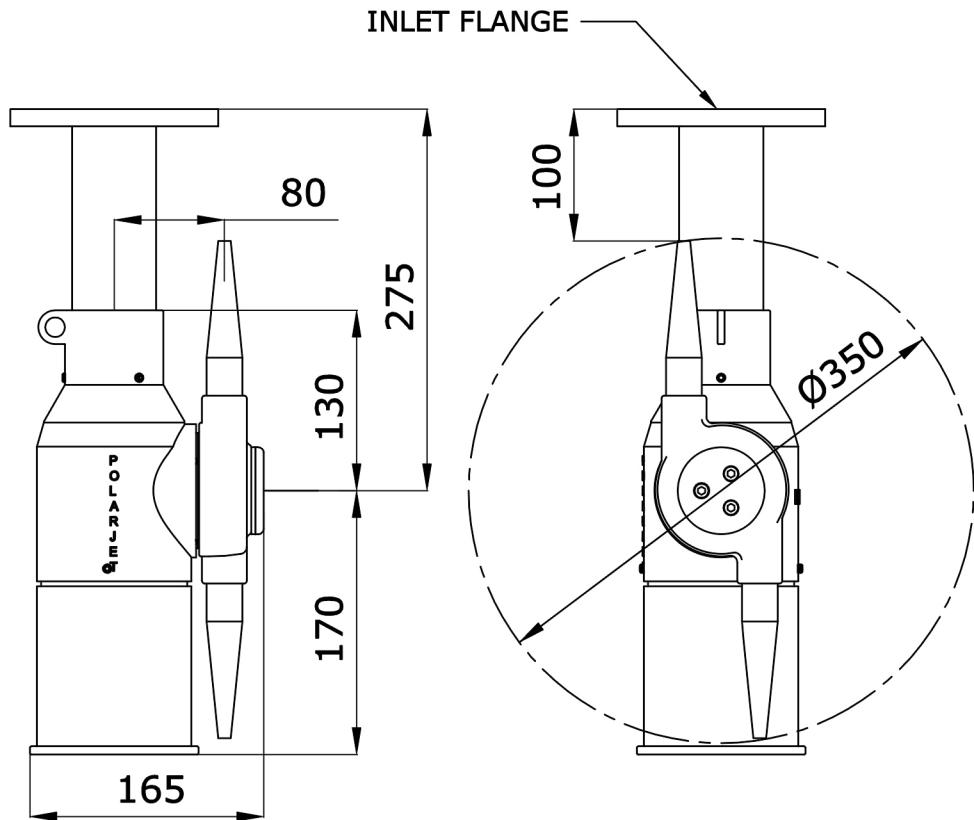
DECK FLANGE

OD	Ø 320mm
PCD	Ø 280mm
8 Holes	Ø 23mm

APPROX. WEIGHTS

L (m)	WEIGHT (kg)
1.0	27
2.0	32
3.0	37
4.0	42
5.0	47

POLAR JET® PJ 25 SUBMERGED

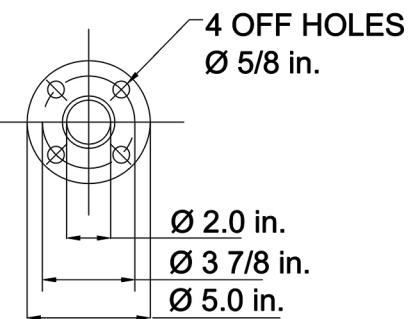
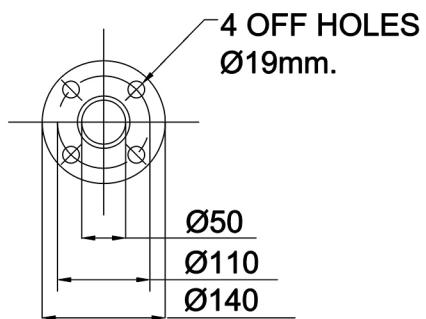
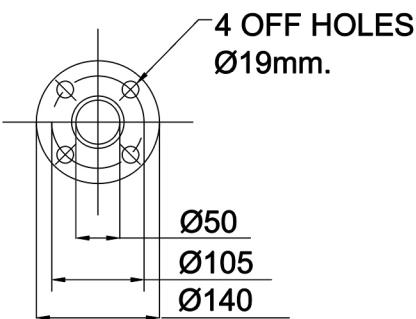


INLET FLANGE

JIS STANDARD

DIN STANDARD

ANSI STANDARD



TANK CLEANING HOSE

SHIP CONNECTION

(This end to be specified by Yard)

CLIENT/YARD to specify exact size, specification and standard of coupling and hose required for ships connection.

HOSE:

- Lay Flat Hose
- Rigid Hose

HOSE DIAMETER:

- 1.5"
- 2"

HOSE LENGTH:

COUPLINGS:

- | | |
|--|--|
| <input type="checkbox"/> Female Camlock | <input type="checkbox"/> Nakajima Coupling |
| <input type="checkbox"/> Male Camlock | <input type="checkbox"/> Storz Camlock |
| <input type="checkbox"/> Female Coupling | <input type="checkbox"/> Others (Please Specify) _____ |
| <input type="checkbox"/> Male Coupling | _____ |

COUPLING DIAMETER:

- 1.5"
- 2"
- 2.5"

WITHWORTH PIPE THREAD 2" Female Coupling

(This end by POLARMARINE
to suit Tank Cleaning Machine)

