

SVANEHOJ DEEPWELL CARGO PUMP

MODEL DL

Description

Lineshaft driven deepwell pump with dedicated discharge pipe.

Capacity: 50-500 m³/h

Benefits

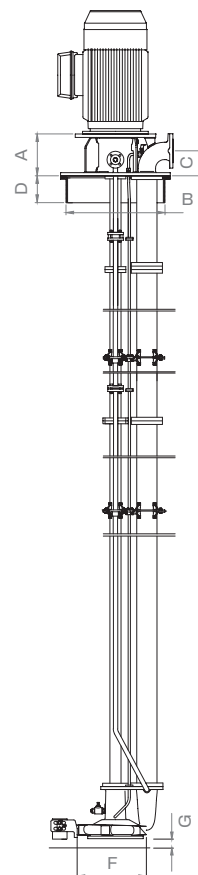
Powered by quiet, efficient electrical drives, the DL pump has economical and efficient lifetime operation costs as well as easy installation and commissioning.

Typical applications

Cargo offloading, slop, residual, tank cleaning pump.

Standard materials

All wetted parts in Stainless Steel
AISI 316 or Duplex.



TECHNICAL SPECIFICATIONS

Pump Model	Capacity Range (m³/hr)	Weight of 6m pump ex. Motor (kg)	Weight Pipe Stack/m (kg)
DL 80b	50 – 100	365	29
DL 80c	50 – 100	370	29
DL 100c	70 – 200	468	36
DL 100d	70 – 200	477	36
DL 125d	170 – 300	520	39
DL 132b	280 – 400	561	39
DL 132d	280 – 400	561	39
DL 150d	350 – 500	659	45

Pump Model	Discharge Flange (DN)	Dimensions (mm)					
		Head of base arrangement	Diameter of Dome	Distance from dome to centre of discharge flange	Height of dome	Diameter of pump head/cylinder	Distance pump suction flange - sump
		A	B	C	D	F	G
DL 80b	100	285	650	170	370	302	min 50
DL 80c	100	285	650	170	370	336	min 50
DL 100c	100	285	750	201	395	540	min 50
DL 100d	150	330	750	201	400	540	min 50
DL 125d	150	330	780	201	400	590	min 50
DL 132b	150	330	800	201	410	610	min 50
DL 132d	150	330	800	201	410	610	min 50
DL 150d	200	372	925	220	500	720	min 50

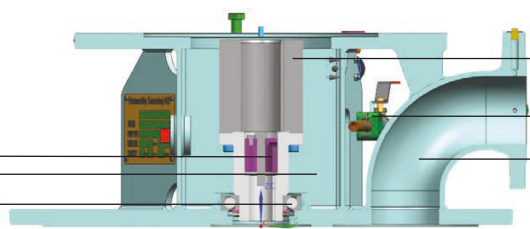


Svanehoj Danmark A/S
Fabriksparken 6,
9230 Svenstrup J

Tel.: +45 96 37 22 00
svanehoj@svanehoj.com
svanehoj.com

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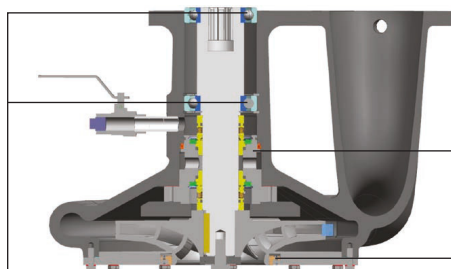
DL FOUNDATION



Design features built into the DL foundation

1. Coupling
2. Pipe connections for cofferdam, for monitoring if a shaft seal should be leaking.
3. Adjustment of shaft length
4. The discharge pipe/angle is dimensioned in accordance with EN 1092 PN16 or 25, to meet high pressure
5. Oil reservoir
6. Oil lubricated bearing that carries the weight of the shaft down to the pump house

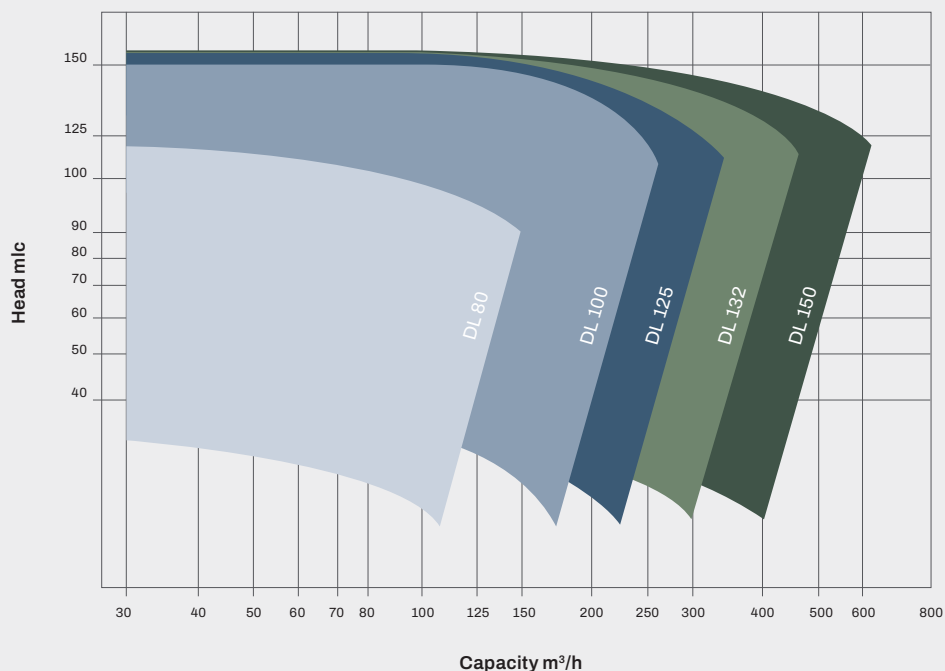
DL 80 - 150 PUMPHEAD



Design features built into the DL foundation

1. Oil-lubricated thrust bearings
2. Seal housing with two shaft seals cofferdam, for monitoring if a shaft seal should be leaking.
3. Wear ring in housing on the lower side of the impeller.

CAPACITY RANGE



Note: Other capacities are available with variable frequency drive.



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