

NCM Engine Room Pump Series



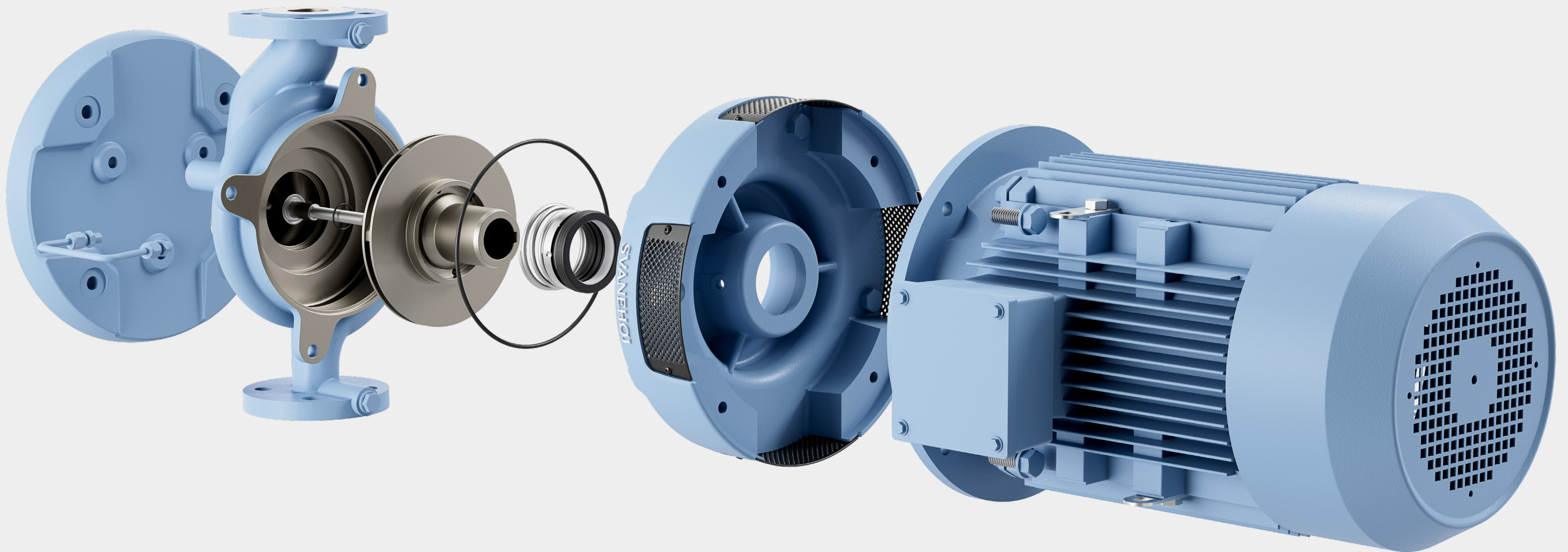
SVANEHØJ
— An IIT Company

Small in size Big on performance

Our NCM engine room pump series is engineered to meet the diverse demands of modern engine room pumps. Designed for cooling water, lubrication, oil, fuel transfer, hydraulic systems, ballast operations, and firefighting/cooling applications, the series ensures exceptional reliability and performance across all critical functions. Its robust construction, compact design and high efficiency hydraulics ensure that consistent flow and operational stability are maintained under even the most challenging conditions, giving operators confidence in safe, continuous operations.

NCM Engine Room Pumps are a cost-effective solution with the smallest footprint and superior efficiency for next-generation vessels

- 15% lighter than existing pumps
- With only one wear part – the mechanical seal – downtime and spare parts are greatly reduced
- The smallest footprint on the market – easy technology integration and enhancing vessel layout efficiency
- High operational efficiency reduces fuel consumption and operating costs, improving overall vessel performance
- Few parts design allows quick assembly and servicing, minimizing downtime and maintenance expenses
- Simplified design minimizes integration challenges and ensuring reliability



Broad product mix of
Svanehoj pumps and
carefully selected third-party
solutions – giving you a single,
reliable partner for all pump
applications on your vessel.



Applications

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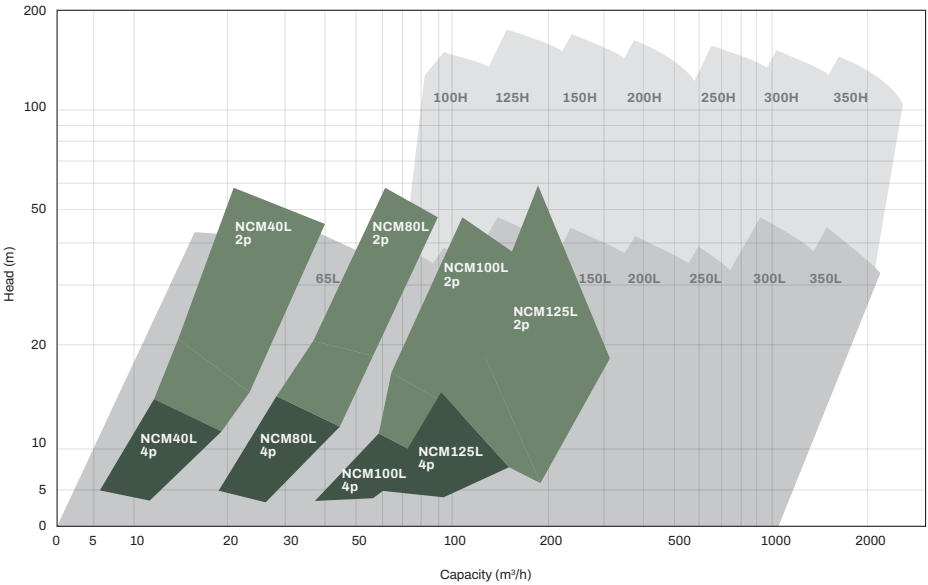
Ballast Pumps · Fire Pumps · General Service Pumps · Bilge Pumps · Sewage Pumps

Technical specifications

Pump	Max flow [m³/h] 50Hz/60Hz	Max head [mLc] 50Hz/60Hz	Weight (Kg)*	Release date
NCM40L	33/40	40/55	38	2025 Q4
NCM50L	58/70	40/55		2026 Q3
NCM65L	83/100	40/55		2026 Q4
NCM80L	108/130	40/55	92	2025 Q4
NCM100L	167/200	40/55	125	2025 Q4
NCM100H	167/200	120/170		2026 Q4
NCM125L	208/250	40/55	155	2025 Q4
NCM125H	208/250	120/170		2026 Q4
NCM150L	292/350	40/55	358	2025 Q4
NCM150H	292/350	120/170		2026 Q4
NCM200L	417/500	40/55		2026 Q3
NCM200H	417/500	120/170		2027 Q3

* weight of NiAlBz pumps

Capacity range – 60Hz

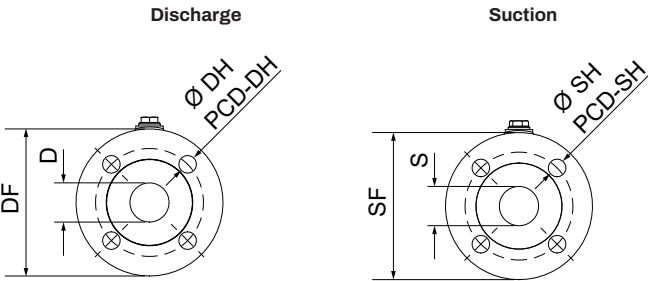


Installation dimensions

Pump	Discharge				
	DF	Ø DH	PCD DH	DG	D
NCM40	150	4x18	110	88	40
NCM50	NA	NA	NA	NA	NA
NCM65	NA	NA	NA	NA	NA
NCM80	200	8x18	160	138	80
NCM100	220	8x18	180	158	100
NCM125	250	8x18	210	178	125
NCM150	285	8x22	240	212	150

Pump	Suction				
	SF	Ø SH	PCD SH	SG	S
NCM40	150	4x18	110	88	40
NCM50	NA	NA	NA	NA	NA
NCM65	NA	NA	NA	NA	NA
NCM80	200	8x18	160	138	80
NCM100	220	8x18	180	158	100
NCM125	250	8x18	210	178	125
NCM150	285	8x22	240	212	150

Pump	Front view			Top view		
	H	SH	L	SL	DL	W
NCM40	214	115	385	192,5	192,5	155
NCM50	NA	NA	NA	NA	NA	NA
NCM65	NA	NA	NA	NA	NA	NA
NCM80	367	142	480	240	240	217,5
NCM100	422	187	544	272	272	250
NCM125	434	187	604	302	302	288
NCM150	539	257	750	375	375	420



Construction codes

- DF

Ø DH

PCD DH

DG

D

SF

Ø SH

PCD SH

SG

S
- Discharge Flange outer diameter

Discharge Flange Holes diameter

Pitch Circle Diameter Discharge flange Holes

Discharge Gasket surface

Discharge flange hole

Suction Flange outer diameter

Suction Flange Holes diameter

Pitch Circle Diameter Suction flange Holes

Suction Gasket surface

Suction flange hole

- FH

Ø FH

DB

H

SH

L

SL

DL

W
- Foundation Hole placement

Foundation Hole diameter

Diameter Baseplate

Height

Baseplate to Center of flange

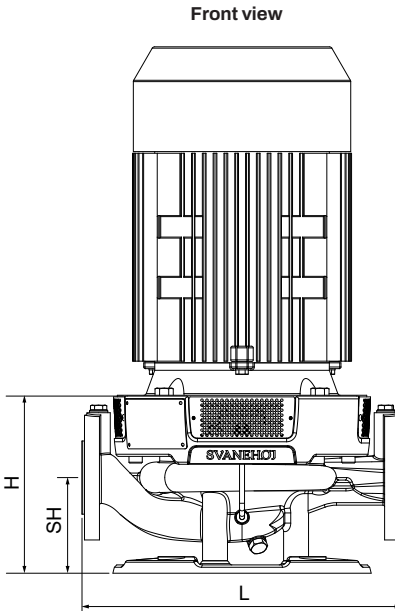
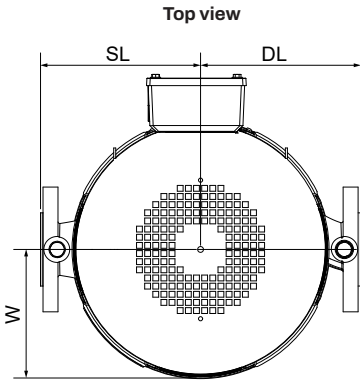
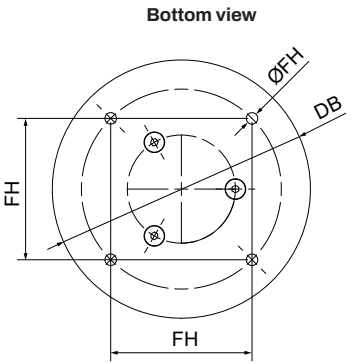
Length

Suction length

Discharge length

Width

Pump	Baseplate		
	FH	Ø FH	DB
NCM40	170x170	4x14	311
NCM50	NA	NA	NA
NCM65	NA	NA	NA
NCM80	240x240	4x16,5	435
NCM100	269x269	4x16,5	500
NCM125	315x315	4x20,5	576
NCM150	537x537	4x20,5	840



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