

The DAYLIFF DB range of horizontal multistage centrifugal pumps are designed for continuous duty in various water transfer applications.

Features

- Compact dimensions with axial suction port, radial discharge port.
- Quality materials for construction including cast iron suction chamber and pump head and stainless steel impeller and impeller housing.
- Quiet and smooth operation
- TEFC motor rated for continuous duty. Single phase pumps include built in thermal overload protection and are directly connected to mains power through a suitably rated fuse or MCB. Three phase pumps require remote DOL starter.
- Enclosure Class: IP54
- Insulation Class: F

Operating Conditions

Pumped liquids: Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

Liquid Temperature Range: 0°C to +90°C.

Max. Ambient Temperature: +50°C

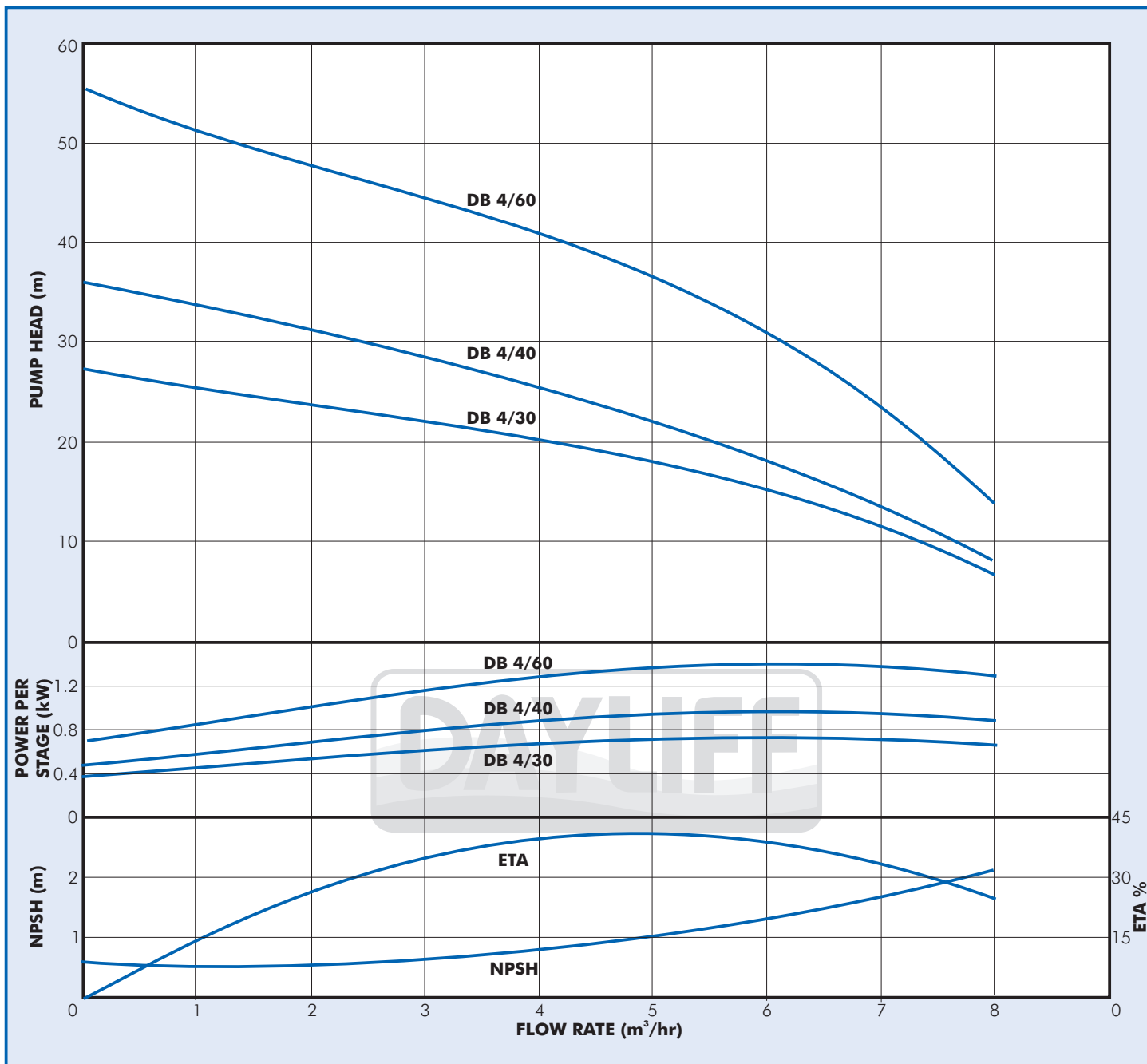
Max. Suction Lift: According to the NPSH curve plus a safety margin of 0.5m

Max. Input Pressure: 6 Bar

Max. Operating Pressure: 10 Bar up to 40°C, 6 Bar up to 90°C

Material Specification

Pos	Description	Standard DB
1	Suction Chamber	Cast Iron
2	Pump Head	Cast Iron
3	Intermediate Chamber	SS304
4	Impeller	SS304
5	Spacing Pipe	SS304
6	Shaft	SS431
7	Mechanical Seal	Silicon Carbide/Carbon
8	O-ring	EPDM or Viton
9	Drain and Priming Plug	Steel
10	Base Plate	Steel



Pump Data

Model	Input Power (W)	Running Current (A)	Speed (rpm)	Dimensions (mm)						Weight (kgs)
				L1	L2	L3	L4	B1	H	
DB 4/30	820	3.5	2810	346	110	99	135	141	224	12.2
DB 4/40	1020	4.3	2810	431	138	126	163	141	224	13.1
DB 4/40	1450	6.2	2835	469	194	185	221	141	224	15.1

Max Operating Pressure: 10Bar up to 40°C, 6Bar up to 90°C
Max Inlet Pressure: 6Bar

