

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

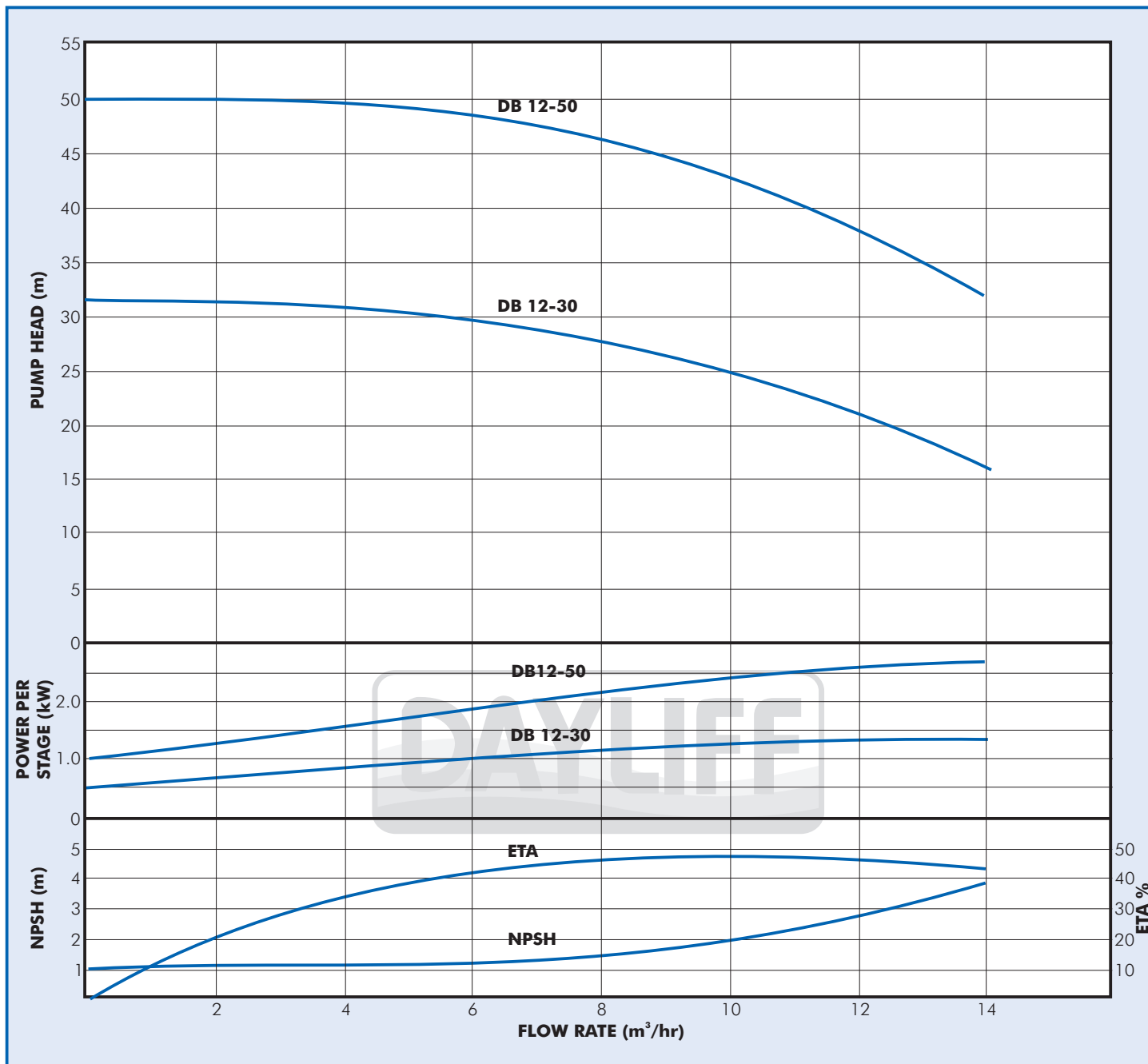
Max. Suction Lift: According to the NPSH curve plus a safety margin of 0.5m

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	Voltage (V)	Input Power (W)	Running Current (A)	Speed (rpm)	Dimensions (mm)						Weight (kgs)
					L1	L2	L3	L4	B1	H	
DB 12-30	1x240	1.5	6.8	2815	381	99	88	107	177	246	19
DB 12-50	3x415	2.7	4.8	2915	459	129	118	137	182	240	27

Max Operating Pressure: 10Bar up to 55°C, 6Bar up to 90°C

Max Inlet Pressure: 10Bar

