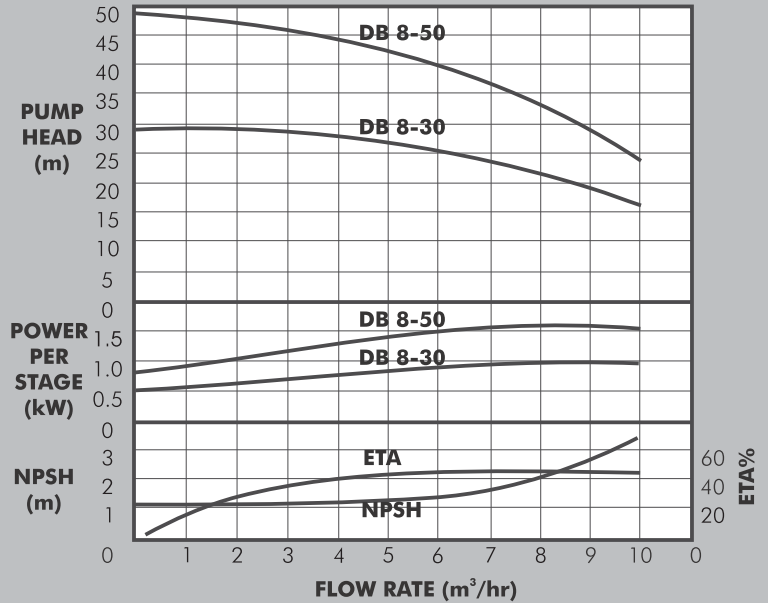




# DB 8

## Horizontal Multistage Pumps



### PUMP

The DAYLIFF DB range of horizontal multistage centrifugal pumps are commercial quality products designed for continuous duty in various water transfer applications. The pump has small physical dimensions, axial suction port and radial discharge port and is base plate mounted. Suction chamber and pump head are made of grey cast iron, the impeller and impeller housing of stainless steel.

Both pump and continuously rated motor unit are of monoblock design, and particular attention has been paid to quietness and smooth operation.

### MOTOR

The pump is coupled to a totally enclosed, fan cooled DAYLIFF squirrel-cage motor. Single phase motors include a built in thermal overload protection and should be connected to mains power through a 10A fuse or MCB. Three phase motors should be installed with a remote starter.

**Enclosure Class:** IP54

**Insulation Class:** F

**Speed:** 2900rpm

### 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 1.0m

**Max. Inlet Pressure:** 10 bars

**Max. Operating Pressure:** 10 bar up to 55°C  
6 bar up to 90°C

### PUMP DATA

Model	Motor (W)		Current (A)		Dimensions (mm)										Weight (kg)
	1x240V	3x415V	1x240V	3x415V	L1	L2	L3	L4	B1	B2	H1	H2	H3	H4	
DB 8-30	1130	-	5.2	-	370	84	72	108	181	136	112	190	240	248	20
DB 8-50	-	1860	-	3.7	420	132	120	138	181	116	112	190	240	228	22

