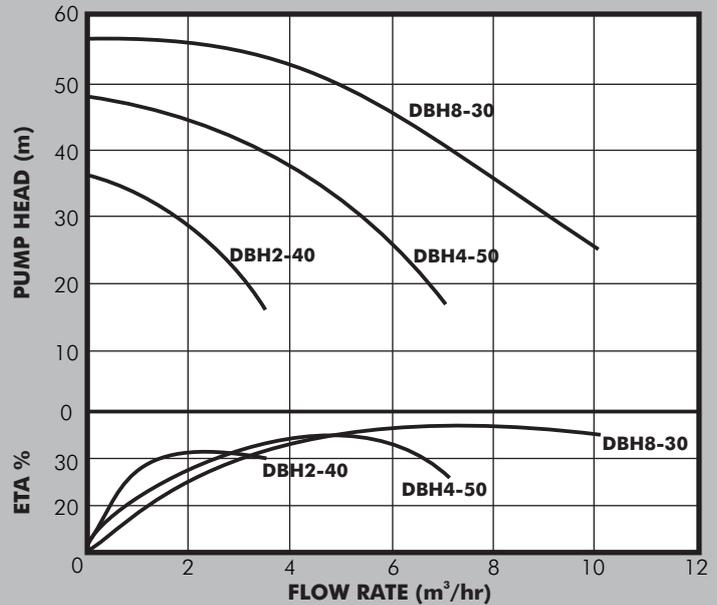




DBH

**Horizontal Multistage
Pumps**



PUMP

The Dayliff DBH range of horizontal multistage centrifugal pumps are designed for continuous duty in various water transfer duties with particular application in pumping slightly corrosive liquids. The pump has small physical dimensions, axial suction port and radial discharge and is base plate mounted. The pump body, suction and discharge ports are made from AISI 316 stainless steel as is all the other parts in contact with the pumped liquid. The mechanical seal is made from silicon carbide designed for easy replacement. 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 single phase squirrel-cage motor with built in thermal overload protection suitable for continuous duty. The motor can be connected to a power outlet fuse or MCB and protection must be provided.

Enclosure Class: IP54 **Insulation Class:** F **Voltage:** 1x240V **Speed:** 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, slightly aggressive but non-explosive liquid without solid particles or fibres

Liquid Temperature: 0°C - 110°C

Max. Ambient Temperature: +40°C

Max. Suction Lift: According to NPSH curve plus a safety margin of 1

Max. Operating Pressure: 10bar

PUMP DATA

Model	Motor (kW)	Current (A)	DNB	DNA	Dimensions(mm)					Weight (kg)
					A	B	C	H	L1	
DBH 2-40	0.37	4	1"	1"	140	132	204	255	403	10
DBH 4-50	0.75	6	1 1/4"	1 1/4"	142	178		267	514	22
DBH 8-30	1.5	12	1 1/2"	1 1/2"	142	178	267	514	22	22

