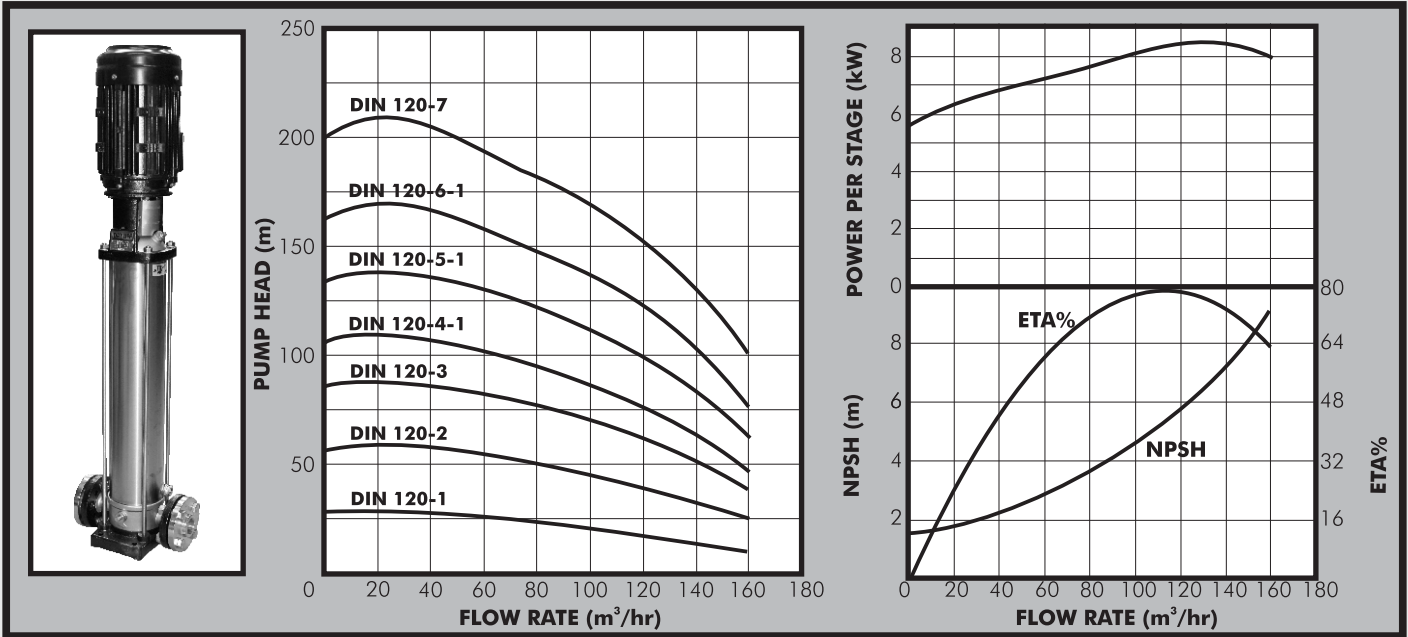




DIN120

Vertical Multistage Centrifugal Pumps



PUMP

The DAYLIFF DIN pump range are of non self priming vertical multistage in-line centrifugal design suitable for a wide range of water supply, irrigation, liquid transfer and boosting applications. The pumps are of heavy duty construction and designed for continuous duty in commercial and industrial installations. All DIN pumps feature vital components in contact with water including the impellers, intermediate chambers, shaft and top and bottom housings are made from AISI 316 stainless steel and suitable for pumping highly mineralised corrosive water. All pumps are water lubricated and are provided with a standard cartridge type mechanical seal. They are supplied complete with BSP internally threaded counter flanges.

MOTOR

The pumps are coupled to high efficiency IE3 totally enclosed fan cooled 2-pole motor complying with IEC standards and must be connected to an effective motor starter in accordance with local regulations.

Enclosure Class: IP55

Insulation Class: F

Voltage: 3x415V

Speed: 2900rpm

OPERATING CONDITIONS

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

Liquid Temperature Range: -15°C to +120°C

Maximum Ambient Temperature: +50°C

Maximum Suction Lift: According to the NPSH curve plus a safety margin of 1 m

Maximum Operating Pressure: 30bar

Maximum Inlet Pressure: DIN120-1-10Bar, DIN120-2 to 5 -15Bar, DIN120-6-1 to 7 -20Bar

PUMP DATA

Model	Motor		Full Load Current (A)	I stat I	Dimensions (mm)					Weight (kg)
	kW	HP			H1	H2	D1	D2	D3	
DIN 120-1	11	15	18.9	6.6	837	1282	329	215	350	196
DIN 120-2	22	30	37.1	6.4	993	1533	318	241	350	266
DIN 120-3	30	40	51.3	6.4	1149	1809	390	295	400	376
DIN 120-4-1	37	50	61.7	6.6	1304	1964	390	295	400	404
DIN 120-5-1	45	60	74.8	6.2	1463	2153	446	325	450	490
DIN 120-6-1	55	75	91.2	6.6	1645	2415	485	355	550	620
DIN 120-7	75	100	123.8	6.5	1800	2645	550	410	550	747

