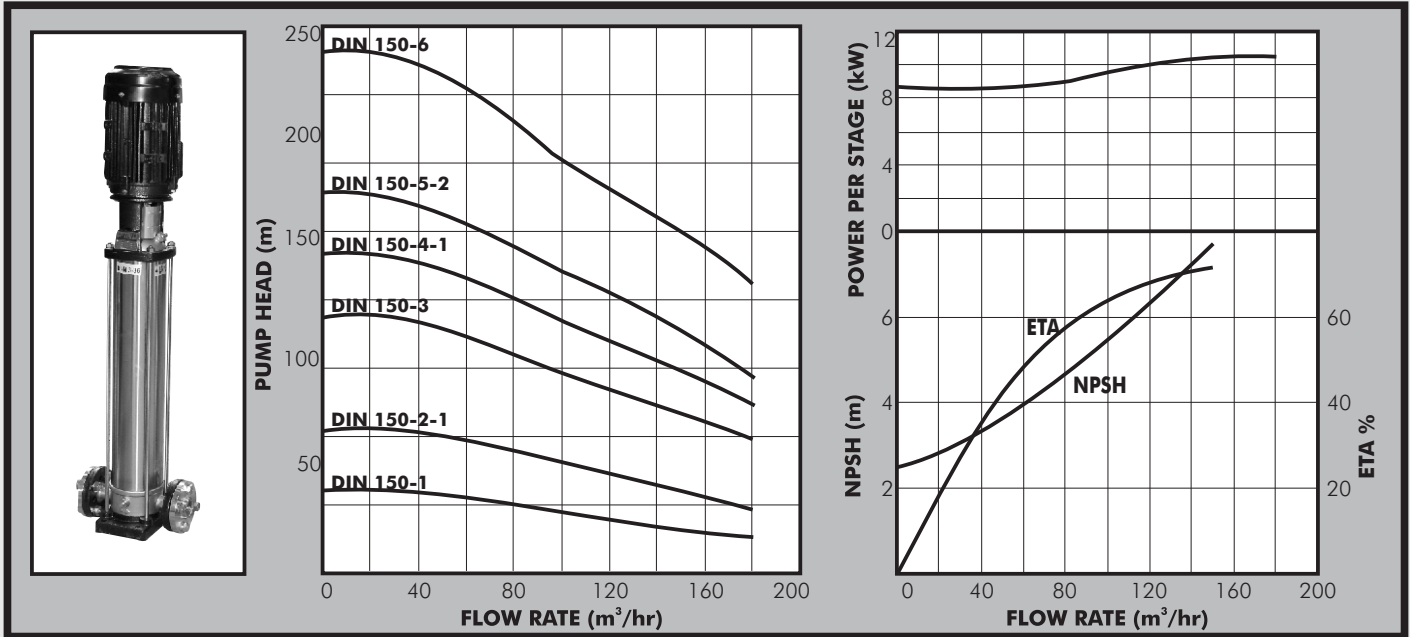




# DIN150

## 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.

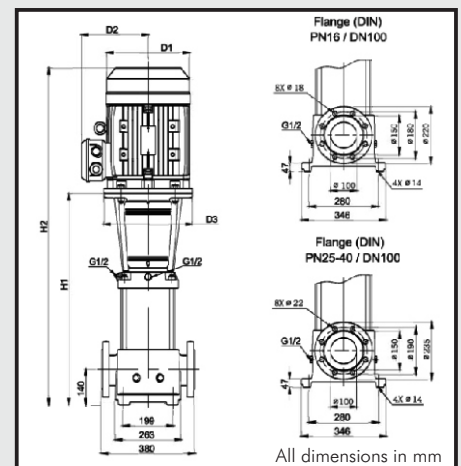
**Enclosure Class:** IP55      **Insulation Class:** F      **Voltage:** 3x415V      **Speed:** 2900rpm

### 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:** DIN150-1 -10bar, DIN150-2-1 to 150-4-1-15bar, DIN150-5-2 to 150-6 -20bar

### PUMP DATA

Model	Motor		Full Load Current (A)	I <sub>stat</sub> I	Dimensions (mm)						Weight (kg)
	kW	HP			H1	H2	H3	D1	D2	D3	
DIN 150-1	18.5	25	25.5	6.4	837	490	1339	269	215	350	190
DIN 150-2-1	22	30	37.1	6.4	993	540	1570	318	241	350	246
DIN 150-3	37	50	61.7	6.6	1148	660	1805	390	295	400	377
DIN 150-4-1	45	60	74.8	6.2	1308	690	1590	446	325	450	464
DIN 150-5-2	55	75	91.2	6.6	1489	770	2256	485	355	550	596
DIN 150-6	75	100	123.8	6.5	1645	845	2487	550	410	550	721



All dimensions in mm