



The DAYLIFF DMS range of horizontal multistage centrifugal pumps are heavy duty industrial quality pumps suitable for various water supply, irrigation and industrial applications.

A wide range of models and specifications are available, a combination of the pump size and number of stages being selected to achieve maximum efficiency at a specific duty point. Electric motors are selected according to the required power input at the duty point and mounted together with the pump and coupling on a base frame. All pumps are also suitable for direct or belt drive by diesel engine.

### Features:

- Heavy duty cast iron construction including stages, pump body, impellers and diffusers.
- Gland packing seals for economical and simple maintenance.
- External securing tie bolts for ease of disassembly.

### Operating Conditions

**Pumped liquid:** Thin, clean, chemically non-aggressive liquids without abrasive particles or fibres

**Max. Fluid Temperature:** +110°C

**Max. Suction Pressure:** 10 Bar

**Max. Delivery Pressure:** 30 Bar

### Pump Data

Model	Dimensions (mm)							Shaft			Inlet Flanges				Outlet Flanges			
	Inlet	Outlet	L1	L4	E	H1	H	d	u	g	D	A	O	Holes	D	A	O	Holes
<b>DMS 12</b>	50	40	210	265	170	150	170	25	8	21	50	140	110	4x13.5	40	150	110	4x17.5
<b>DMS 25</b>	65	65	295	330	210	170	210	30	8	26	65	160	130	4x17.5	65	185	145	8x17.5
<b>DMS 46</b>	80	65	295	330	210	170	210	30	8	26	80	190	150	4x17.5	65	185	145	8x17.5
<b>DMS 85</b>	100	100	345	326	250	210	250	35	10	30	100	210	170	4x17.5	100	235	1780	8x22

Stages	DMS 12				DMS 25				DMS 46				DMS 85			
	Power (kW)	L2	L3	Weight (kgs)	Power (kW)	L2	L3	Weight (kgs)	Power (kW)	L2	L3	Weight (kgs)	Power (kW)	L2	L3	Weight (kgs)
<b>3</b>													55	277	906	877
<b>4</b>													75	351	980	1040
<b>5</b>	11	210	795	292	22	360	975	452	37	360	975	560	90	425	1054	1061
<b>6</b>	15	210	845	316	30	425	1040	572	37	425	1040	576				
<b>7</b>	15	210	895	333	30	490	1105	592	45	490	1105	664				
<b>8</b>	18.5	210	945	370												

\* Power absorbed at 2900rpm









