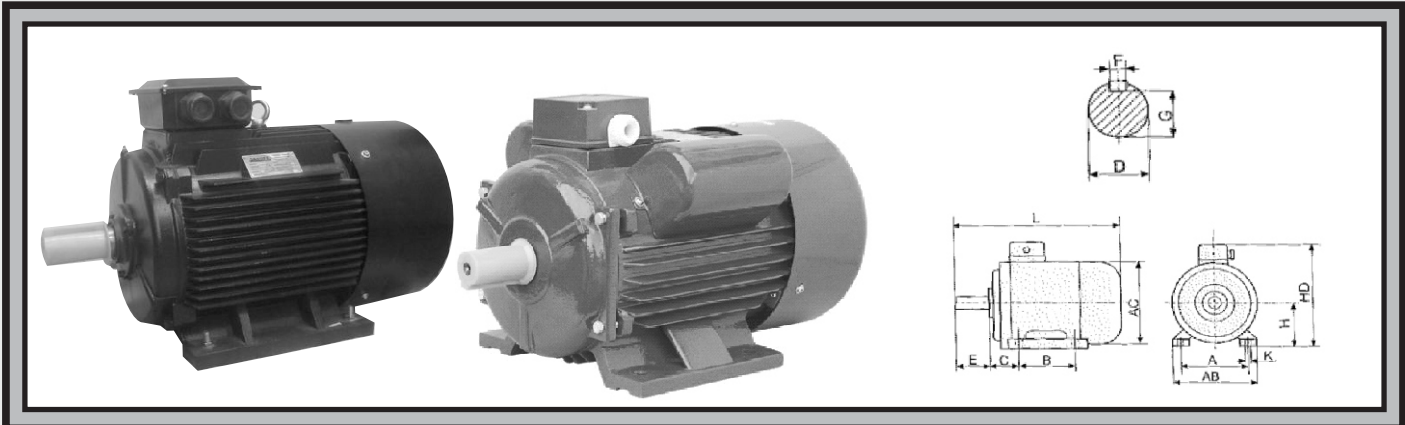




# Induction Motors



DAYLIFF TEFC squirrel cage induction motors are high specification continuous duty rated machines suitable for a wide variety of industrial, commercial and agricultural applications. A particular feature is high operating efficiency with the specification meeting the demanding EFF2 standards, other features including Class F insulation, low noise, high starting torque and all dimensions are fully compliant to IEC standards. DAYLIFF motors are also of extremely robust design providing high levels of serviceability and reliability.

### Specifications

**Voltage:** - 1x240V, 1 phase, 3x415V, 3 phase, 50Hz

**Insulation Class:** F

**Enclosure Class:** - IP45 motor body, IP55 terminal box

**Maximum Ambient Temperature:** - 40°C

**Connection:** - Y Star for 3kW and below  
 Δ Delta for 4kW and above

### PUMP DATA

Motor Size		Voltage (V)	Max Current (A)	Speed (rpm)	Max Efficiency %	Power Factor	I <sub>stat</sub>	Torque <sub>stat</sub>	Torque <sub>max</sub>	
kW	HP							Torque <sub>rated</sub>	Torque <sub>rated</sub>	
0.75	1.0	1x240	6.7	2880	68	0.75	6.5	1.8		
1.1	1.5		7.2		73		6.0			
1.5	2.0		8.9		79		7.0			
2.2	3.0		13.2		0.96		6.5			
2.2			4.4		0.85		7.0			
4	5.5	3x415	7.5	2840	81	0.88	7.5	2.2		
5.5	7.5		10.1	2890	85					
7.5	10		13.6	2900	86					
11	15		19.5	2930	87					
15	20		26.4		88					
18.5	25		31.8		89					
22	30		37.5	2940	90					
30	40		50.8	2930	91					
37	50		62.2	2950	92				0.9	2
45	60		74.2		93					
55	75		90.4							

Motor Size		Dimensions (mm)													WT (kg)
kW	HP	A	B	C	D	E	F	G	H	K	AB	AC	HD	L	
0.75	1.0	125	100	50	19	40	6	15.5	80	10	160	165	200	310	13
1.1	1.5	140		56	24	50	9	20	90		180	185	240	355	17
1.5	2.0		8	24	90	185	385	22							
2.2	2.9		195	250	345	23									
2.2	4	160	140	63	28	60	9	24	100	12	205	220	260	415	29
5.5		7.5		70	8	112	230	240	300		400	40			
7.5	10	216		89	38	80	10	33	132		270	275	345	470	58
11	15	254		108	42	110	12	37	160		15	320	330	420	615
15	20		254	14	43		180	19	355	380		455	700	160	
18.5	25		318	305	133		55		16	49		200	395	420	505
22	30	318	305	133	55	110	16	49	19	225	435	470	560	820	238
30	40														294
37	50														294
45	60	356	311	149	140	18	53	250	24	490	510	615	910	310	
55	75	406	349	168											60