

Dual Speed motors

A variety of applications such as machine tools, fan and pumps, hoists and cranes, positioning equipment and many others need dual speed motars. Dual speeds can be achieved either by separate winding or by changing pale connections, By and large, by changing the speed, the output power of the motor changes but the torque remains almost constant. The best motor for the application can be selected from the table below, For quantity requirements special ratings can be developed.

Pole	2/4	4/6	4/8	6/8
frame	Horse Power			
71	--	--	0.18/0.09	--
90S	1.2/0.6	0.5/0.33	0.5/0.25	
90I	2.0/1.4	--	--	--
90I	1.7/1.1	--	--	--
90I	1.5/0.3	--	--	--
90I	1.2/0.8	1.0/0.75	0.75/0.37	--
100I	3.2/1.6	1.5/1.1	1.5/0.75	--
112M	--	2.0/0.98	--	--
112M	5.0/2.5	3.0/2.13	2.6/1.3	--
132S	7.0/3.5	5.0/3.33	4.0/2.0	--
132M	--	--	--	--
132M	--	5.5/1.8	--	--
132M	--	7.0/2.2	5.5/2.2	--
132M	8.0/4.0	6.0/3.0	7.5/5.5	--
160M	15.0/10.0	10.0/7.5	10.0/5.0	7.5/5.0
160I	20.0/15.0	15.0/10.0	15.0/7.5	10.0/7.5
180M	25.0/15.0	17.5/12.5	17.5/8.4	12.5/8.4
180I	--	--	20.0/15.0	--
180I	25.0/22.0	20.0/15.0	20.0/10.0	--