

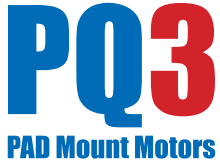
PQ3
PAD Mount Motors



LOW VOLTAGE PAD MOUNT MOTORS

ELECTRICAL MACHINES
A division of ACTOM (Pty) Ltd

ACTOM



PQ3 Range of Motors
 Aluminium PAD mount - 3 phase - 400V - 50Hz - IMB30

Frame Size	Pole	Std IEC Output For reference kW	Motor Air Over Rating (AOR) kW	Min Air velocity required to achieve AOR m/sec
71	2	0.37	0.4	12
71	2	0.55	0.65	12
80	2	0.75	0.85	12
80	2	1.1	1.3	12
90S	2	1.5	1.8	14.5
90L	2	2.2	2.6	14.5
100L	2	3	3.5	19.5
112M	2	4	4.7	19.5
132	2	5.5	6	25.1
132	2	7.5	8.6	25.1
132	2	9.2	10.6	25.1
71	4	0.25	0.28	7
71	4	0.37	0.4	7
80	4	0.55	0.65	7.5
80	4	0.75	0.85	7.5
90S	4	1.1	1.3	9
90L	4	1.5	1.8	9
100L	4	2.2	2.6	11
100L	4	3	3.5	11
112M	4	4	4.7	12
132	4	5.5	6	15
132	4	7.5	8.6	15
132	4	9.2	10.6	15
80	6	0.37	0.4	6.5
80	6	0.55	0.65	6.5
90S	6	0.75	0.85	7.5
90L	6	1.1	1.3	7.5
100L	6	1.5	1.8	8
112M	6	2.2	2.6	9
132	6	3	3.4	10
132	6	4	4.5	10
132	6	5.5	6	10

Mounting: PAD mount, IM B30
 Cooling: Air over motor, IC 418
 Degree of protection: IP 55
 Efficiency: Standard Efficiency, IE1
 Temperature rise: Class B
 Insulation: Class F
 Cable exit: 1m flying lead terminated at the motor with a cable gland
 For ≤ 3kW, 4 core exit cable (3 power and 1 earth lead)
 For ≥ 4kW, 7 core exit cable (6 power and 1 earth lead)
 Bearings: C3 clearance
 Frame Size ≤100 and higher: Located bearings at the non-drive end
 Construction: Solid mounting bosses integral to the frame
 Shaft extension is drilled and tapped
 Closed endshield at the non-drive end