

RATING CHART FOR NON SPARKING MOTORS EX(n). (PM)

Frame	3000 RPM/ 2 Pole KW	1500 RPM/4 Pole KW	1000 RPM/6 Pole KW	750 RPM /8 Pole KW
nPM 80	0.55 0.75	0.55 0.75	0.37 ---	--- ---
nPM 90S	1.1	1.1	0.75	0.37
nPM 90L	1.5	1.5	1.1	0.55
nPM 100L	2.2 ---	2.2 ---	1.5 ---	0.75 1.1
nPM 112M	3.7	3.7	2.2	1.5
nPM 132S	5.5	5.5	---	2.2
nPM 132M	7.5 ---	7.5 ---	3.7 5.5	3.0 ---
nPM 160M	9.3 11.0	9.3 11.0	7.5 ---	3.7 5.5
nPM 160L	15.0	15.0	11.0	7.5

RATING CHART FOR NON SPARKING MOTORS EX(n). (SC)

Frame	3000 RPM/ 2 Pole KW	1500 RPM/4 Pole KW	1000 RPM/6 Pole KW	750 RPM /8 Pole KW
nSC 180M nSC 180L	22 ---	18.5 22	--- 15	--- 11
nSC 200L	30 37	30 ---	18.5 22	15 ---
nSC 225S nSC 225M	--- 45	37 45	--- 30	18.5 22
nSC 250M	55	55	37	30
nSC 280S nSC 280M	75 90	75 90	45 55	37 45
nSC 315S	110	110	75	55
nSC 315M	132	132	90	75
nSC 315L	160	160	125	90

Note: Details on Increased Safety and Non-Sparking Motors in frame Sizes 355 & above can be obtained on specific request.

PERMISSIBLE CABLE SIZES & TERMINAL DETAILS

Sr. No.	Frames	Cable Size in Sq. mm	Conduit Hole Size in Inch	No.of Terminals	Terminals Stud Size
1	63/71/80	1 x 4C x 4	3/4" BSC (1 No.)	03	M5
2	90/100	1 x 4C x 10	1" BSC (1 No.)	03	M6
3	112	1 x 3.5C x 25	1" BSC (1 No.)	06	M6
4	132/160	1 x 3.5C x 25	1" BSC (1 No.)	06	M6
5	180/200	2 x 3.5C x 35	1-1/4" BSC (2 No.)	06	M10
6	225	2 x 3.5C x 50	1-1/2" BSC (2 No.)	06	M12