

CRANE DUTY MOTORS

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|-----|---------------------------|---|---|---|---|---|---|---|---|
| 1. | Mechanical output (in KW) | 7.1 kW | 3.1 kW | 1.7 kW | 18.5 kW | 0.75 kW | 1.1 kW | 0.37 kW | 0.75 kW |
| 2. | Voltage | 415 V AC | 415 V AC | 415 V AC | 415 V AC | 415 V AC | 415 V AC | 415 V AC | 415 V AC |
| 3. | Rated current | 14 A | 6.5 A | 4.1 A | 33 A | 1.5 A | 2.2 A | 1.1 A | 1.5 A |
| 4. | Frequency (in Hz) | 50 HZ | 50 HZ | 50 HZ | 50 HZ | 50 HZ | 50 HZ | 50 HZ | 50 HZ |
| 5. | Number of phases | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 6. | Frame | ND 160 M | ND 132 M | ND 112 M | 200 L | 90S | AMKW 90 LZ 6 | AMKW 80 K 6 | AMKW 90 SZ 6 |
| 7. | Speed in rpm | 1000 | 1000 | 1000 | 984 | 925 | 925 | 920 | 925 |
| 8. | Duty | Type: 150 starts / Hour INVERTER DUTY | Type: 150 starts / Hour INVERTER DUTY | Type: 150 starts / Hour INVERTER DUTY | Type: 150 starts / Hour INVERTER DUTY | Type: 150 starts / Hour INVERTER DUTY | Type: 150 starts / Hour INVERTER DUTY | Type: 150 starts / Hour INVERTER DUTY | Type: 150 starts / Hour INVERTER DUTY |
| 9. | Applicable standard | IS : 325 , IS : 4722 , IS: 1231 | | | | | | | |
| 10. | Insulation Class | F | F | F | F | F | F | F | F |
| 11. | Ambient temperature | 45° C | 45° C | 45° C | 45° C | 45° C | 45° C | 45° C | 45° C |
| 12. | Type of enclosure | IP 55 | IP 55 | IP 55 | IP 55 | IP 55 | IP 55 | IP 55 | IP 55 |
| 13. | Type of Mounting | B3 - FM | B3 - FM | B3 - FM | B3 - FM | B3 - FM | B3 - FM | B5 – FL.M | B5 – FL.M |
| 14. | Type | Squirrel Cage | Squirrel Cage | Squirrel Cage | Squirrel Cage | Squirrel Cage | Squirrel Cage | Squirrel Cage | Squirrel Cage |
| 15. | Service | INDOOR | INDOOR | INDOOR | INDOOR | INDOOR | INDOOR | INDOOR | INDOOR |
| 16. | Application | Auxiliary Hoist in 75 Te EOT crane | Cross Travel in 75 Te EOT crane | Long Travel in 75 Te EOT crane | Main Hoist in 10 Te EOT crane | CT & LT 10 Te EOT crane | Main Hoist in 2 Te crane | CT of MH in 2 Te crane | LT of MH in 2 Te crane |