

Heavy Duty Field Oriented Control Drives



Applications

- Crane, processing machinery, printing machinery

Specifications

Super Heavy Load (SHD)

- Overload ability: rated current of 150% up to 60 seconds, 200% up to 3 seconds
- Starting torque: above 200% at 0.5Hz in normal conditions, up to 200% at 0Hz in FOC+PG mode
- Output frequency: 0.00~600.00Hz (for model above 90kW: 0.00~400Hz)
- Induction motor and synchronous motor control
- Built-in PLC program capacity: 10K steps
- Noise reduction

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------------------------------|-----|-----|-----|-----|-----|----|----------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 230V (kW) | 0.75 | 1.5 | 2.2 | 3.7 | 5.5 | 7.5 | 11 | 15 | 18.5 | 22 | 30 | 37 | 45 | 55 | 75 | | | | | | | |
| 230V (HP) | 1 | 2 | 3 | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 100 | | | | | | | |
| Output (A) | 5 | 8 | 11 | 17 | 25 | 33 | 49 | 65 | 75 | 90 | 120 | 146 | 180 | 215 | 255 | | | | | | | |
| Frame Size | A | | | B | | | C | D | | | E | F | | | | | | | | | | |
| Braking Chopper | Built-In | | | | | | | Optional | | | | | | | | | | | | | | |
| DC Reactor | NO | | | | | | | Built-In | | | | | | | | | | | | | | |
| EMI Filter | Optional | | | | | | | | | | | | | | | | | | | | | |
| Protection | 21 (IP20, NEMA1) | | | | | | | 60 (IP00, UL Open Type)/21 | | | | | | | | | | | | | | |
| 400V (kW) | 0.75 | 1.5 | 2.2 | 3.7 | 5.5 | 7.5 | 11 | 15 | 18.5 | 22 | 30 | 37 | 45 | 55 | 75 | 90 | 110 | 132 | 160 | 185 | 220 | 280 |
| 400V (HP) | 1 | 2 | 3 | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 100 | 125 | 150 | 175 | 215 | 250 | 300 | 375 |
| Output (A) | 3 | 4 | 6 | 9 | 12 | 18 | 24 | 32 | 38 | 45 | 60 | 73 | 91 | 110 | 150 | 180 | 220 | 250 | 310 | 370 | 450 | 550 |
| Frame Size | A | | | B | | | C | D | | | E | F | G | H | | | | | | | | |
| Braking Chopper | Built-In | | | | | | | Optional | | | | | | | | | | | | | | |
| DC Reactor | NO | | | | | | | Built-In | | | | | | | | | | | | | | |
| EMI Filter | Built-In (Model name with 4EA) | | | | | | | Optional | | | | | | | | | | | | | | |
| Protection | 21 (IP20, NEMA1) | | | | | | | 00 / 21 | | | | | | | | | | | | | | |