

Standard Drives

Catalog Number Explanation

| Position | | | | | | | | | | | |
|----------|---|------------------|---|---|----|----|----|----|----|----|----|
| 1-3 | 4 | 5-7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 20C | D | % ^A " | 3 | " | 3 | @ | @ | 4 | @ | @ | " |
| a | b | c | d | e | f | g | h | i | j | k | l |

a

| Drive | |
|-------|----------------|
| Code | Type |
| 20C | PowerFlex 700H |

b

| Voltage Rating | | |
|----------------|---------|-----|
| Code | Voltage | Ph. |
| C | 400V AC | 3 |
| D | 480V AC | 3 |
| E | 600V AC | 3 |
| F | 690V AC | 3 |

c1

| Rating | | |
|------------------|----------------|--------------|
| 400V, 50Hz Input | | |
| Code | Amps - ND (HD) | kW - ND (HD) |
| 261 | 261 (205) | 132 (110) |
| 300 | 300 (245) | 160 (132) |
| 385 | 385 (300) | 200 (160) |
| 460 | 460 (385) | 250 (200) |
| 500 | 500 (420) | 250 (250) |
| 590 | 590 (520) | 315 (250) |
| 650 | 650 (590) | 355 (315) |
| 730 | 730 (650) | 400 (355) |
| 820 | 820 (730) | 450 (400) |
| 920 | 920 (820) | 500 (450) |
| 1K0 | 1030 (920) | 560 (500) |
| 1K1 | 1150 (1030) | 630 (560) |
| 1K3 | 1300 (1150) | 710 (630) |
| 1K4 | 1450 (1200) | 800 (710) |
| 1K7 | 1770 (1600) | 1000 (900) |
| 2K1 | 2150 (1940) | 1200 (1100) |

c2

| Rating | | |
|------------------|----------------|--------------|
| 480V, 60Hz Input | | |
| Code | Amps - ND (HD) | Hp - ND (HD) |
| 261 | 261 (205) | 200 (150) |
| 300 | 300 (245) | 250 (200) |
| 385 | 385 (300) | 300 (250) |
| 460 | 460 (385) | 350 (300) |
| 500 | 500 (420) | 450 (350) |
| 590 | 590 (520) | 500 (450) |
| 650 | 650 (590) | 500 (500) |
| 730 | 730 (650) | 600 (500) |
| 820 | 820 (730) | 700 (600) |
| 920 | 920 (820) | 800 (700) |
| 1K0 | 1030 (920) | 900 (800) |
| 1K1 | 1150 (1030) | 1000 (900) |
| 1K3 | 1300 (1150) | 1100 (1000) |
| 1K4 | 1450 (1200) | 1250 (1000) |
| 1K7 | 1770 (1600) | 1500 (1400) |
| 2K1 | 2150 (1940) | 1900 (1700) |

c3

| Rating | | |
|------------------|----------------|--------------|
| 600V, 60Hz Input | | |
| Code | Amps - ND (HD) | Hp - ND (HD) |
| 170 | 170 (144) | 150 (150) |
| 208 | 208 (170) | 200 (150) |
| 261 | 261 (208) | 250 (200) |
| 325 | 325 (261) | 350 (250) |
| 385 | 385 (325) | 400 (350) |
| 416 | 416 (325) | 450 (350) |
| 460 | 460 (385) | 500 (400) |
| 502 | 502 (460) | 500 (500) |
| 590 | 590 (502) | 600 (500) |
| 650 | 650 (590) | 700 (650) |
| 750 | 750 (650) | 800 (700) |
| 820 | 820 (750) | 900 (700) |
| 920 | 920 (820) | 1000 (900) |
| 1K0 | 1030 (920) | 1100 (1000) |
| 1K1 | 1180 (1030) | 1300 (1100) |
| 1K5 | 1500 (1300) | 1600 (1400) |
| 1K9 | 1900 (1500) | 2000 (1600) |
| 2K2 | 2250 (1900) | 2400 (2000) |

c4

| Rating | | |
|------------------|----------------|--------------|
| 690V, 50Hz Input | | |
| Code | Amps - ND (HD) | kW - ND (HD) |
| 170 | 170 (144) | 160 (132) |
| 208 | 208 (170) | 200 (160) |
| 261 | 261 (208) | 250 (200) |
| 325 | 325 (261) | 315 (250) |
| 385 | 385 (325) | 355 (315) |
| 416 | 416 (325) | 400 (315) |
| 460 | 460 (385) | 450 (355) |
| 502 | 502 (460) | 500 (450) |
| 590 | 590 (502) | 560 (500) |
| 650 | 650 (590) | 630 (560) |
| 750 | 750 (650) | 710 (630) |
| 820 | 820 (750) | 800 (630) |
| 920 | 920 (820) | 900 (800) |
| 1K0 | 1030 (920) | 1000 (900) |
| 1K1 | 1180 (1030) | 1100 (1000) |
| 1K5 | 1500 (1300) | 1500 (1300) |
| 1K9 | 1900 (1500) | 1900 (1500) |
| 2K2 | 2250 (1900) | 2300 (1900) |

d

| Enclosure | |
|-----------|---|
| Code | Enclosure |
| A | IP21, NEMA Type 1 (Frame 9) Rittal Enclosure (Frames 10 & Up) |
| B | IP20, NEMA Type 1, MCC § |
| H | IP54, NEMA Type 12, Rittal § |
| K | IP20, NEMA Type 1, MCC with Conformal Coat § |
| M | IP21, NEMA Type 1 (Frame 9) Rittal Enclosure (Frames 10 & Up) with Conformal Coat |
| W | IP54, NEMA Type 12, Rittal with Conformal Coat § |

§ Frame 10 & up only.

e

| HIM | |
|------|---------------------------------|
| Code | Operator Interface |
| 0 | Blank Cover |
| 3 | Full Numeric LCD, Drive Mounted |
| C | Full Numeric LCD, Door Mount * |

* IP21, NEMA Type 1 Frame 10 & up only.

Catalog Number Explanation, Continued

| f | | i | | | | j | |
|---------------|--------|----------|-----------|----------|--------------|-----------|---------|
| Documentation | | Emission | | | | Comm Slot | |
| Code | Type | Code | CE Filter | CM Choke | dv/dt Filter | Code | Version |
| A | Manual | B | Yes | No | No | N | None |
| | | N ‡ | No | No | No | | |
| | | E ¶ | Yes | No | Yes | | |

| g | | k | |
|-------|----------------|------|----------------------|
| Brake | | I/O | |
| Code | w/Brake IGBT ※ | Code | I/O Volts |
| Y | Yes | A | 24V DC |
| N | No | B | 115V AC |
| | | G | 24V DC with Safe-Off |
| | | N | None |

| h | | l | |
|----------------|------------|----------|------|
| Brake Resistor | | Feedback | |
| Code | w/Resistor | Code | Type |
| N | No | 0 | None |

‡ For use on ungrounded or resistive grounded distribution systems (Frame 9 drives only).
 ¶ Output dv/dt filter is only available on Frame 14 drives.

※ Brake IGBT is available on Frame 9 drives only.