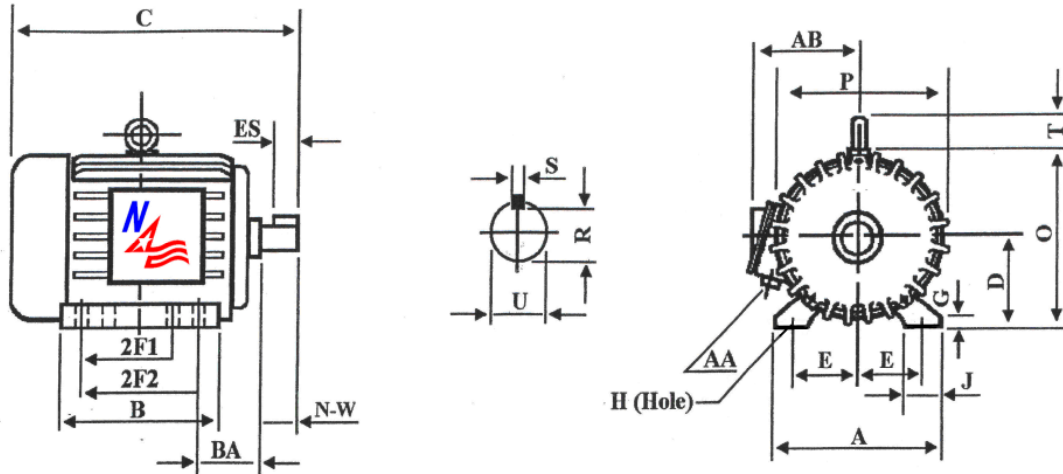


## PE286T-20-6C

### PREMIUM CRUSHER DESIGN MOTOR

Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)



#### DIMENSIONS – INCHES

| A    | B     | C    | D   | E     | 2F1  | 2F2  | G    | H    | J    | O     |
|------|-------|------|-----|-------|------|------|------|------|------|-------|
| 14.0 | 13.2  | 28.1 | 7.0 | 5.5   | 9.5  | 11.0 | .80  | .53  | 2.76 | 14.5  |
| P    | R     | S    | T   | U     | ES   | AA   | AB   | BA   | N-W  | Mount |
| 14.0 | 1.591 | .50  | 2.2 | 1.875 | 3.28 | 1.5  | 11.3 | 4.75 | 4.62 | F1    |

#### PERFORMANCE DATA

Three Phase – TEFC – AC Motor – 60Hz - 208-230/460V – NEMA Design C - Max. Ambient: 40° C

| HP           | Speed | Frame      | NEMA Code   | Efficiency (%)   |                |                | Power Factor (%) |      |      | Torque (ft-lb) |      |      |
|--------------|-------|------------|-------------|------------------|----------------|----------------|------------------|------|------|----------------|------|------|
|              |       |            |             | 100%             | 75%            | 50%            | 100%             | 75%  | 50%  | FLT            | BDT% | LRT% |
| 20           | 1175  | 286T       | G           | 90.2             | 90.3           | 90.2           | 84.0             | 85.0 | 77.0 | 89.4           | 250  | 220  |
| Amps ( 460V) |       | DE Bearing | ODE Bearing | Insulation Class | Enclosure Type | Service Factor | Weight (lbs)     |      |      |                |      |      |
| FLA          | LRA   |            |             |                  |                |                |                  |      |      |                |      |      |
| 24.9         | 145.0 | 6311       | 6311        | F                | TEFC           | 1.15           | 394              |      |      |                |      |      |



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