

# NIDEC MOTOR CORPORATION

8050 WEST FLORISSANT AVE.  
ST. LOUIS, MO 63136



**DATE:** 6/5/2024

**P.O. NO.:** HW70  
**Order/Line NO.:** 28031 MN 100

**TO:**

**Model Number:** HW70  
**Catalog Number:** HT15P1BLE  
VHS TEFC Configuration  
CONF,MOTOR,VHS TEFC

**REVISIONS:**  
(NONE)

**ALL DOCUMENTS HEREIN ARE CONSIDERED CERTIFIED BY NIDEC MOTOR CORPORATION.  
THANK YOU FOR YOUR ORDER AND THE OPPORTUNITY TO SERVE YOU.**

**Features:**

Horsepower ..... 00015.00~00000.00 ~ KW: 11.19  
Enclosure ..... TEFC  
Poles ..... 02~00 ~ RPM: 3600~0  
Frame Size ..... H215~TP  
Phase/Frequency/Voltage.. 3~060~230/460  
Winding Type ..... Random Wound  
Service Factor ..... 1.15  
Insulation Class ..... Class "F" ~ Insulife 1000  
Altitude In Feet (Max) .. 3300 Ft.(1000 M) ~ +40 C  
Efficiency Class ..... Premium Efficiency  
Application ..... Unknown  
Customer Part Number ....  
10" Base ~ Coupling Size: 1" Bore, 1/4" Key  
Non-Reverse Ratchet ~ Steady Bushing Not Requested  
Pricebook Thrust Value (lbs).. 2200  
Customer Down Thrust (lbs) ... 2200  
Customer Shutoff Thrust (lbs).  
Up Thrust (lbs): ~  
Temperature Rise (Sine Wave): "F" Rise @ SF (Resist)  
Design Letter ..... A  
Starting Method ..... Direct-On-Line Start  
Duty Cycle ..... Continuous Duty  
Efficiency Value ..... 91.0 % ~ Typical  
Load Inertia: NEMA ~ Standard Inertia: 16 LB-FT2  
Number Of Starts Per Hour: NEMA  
Motor Type Code ..... TUS  
Rotor Inertia (LB-FT<sup>2</sup>) ..... .526 LB-FT<sup>2</sup>  
Qty. of Bearings PE (Shaft) ..... 1  
Qty. of Bearings SE (OPP) ..... 1  
Bearing Number PE (Shaft) ..... 7309 BEP  
Bearing Number SE (OPP) ..... 6208-2Z-J/C3

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**Accessories:**Counter CW Rotation FODE  
115 Volt Space Heaters  
Standard Leadtime: NA  
F.O.B.:**USE THE DATA PROVIDED BELOW TO SELECT THE APPROPRIATE DIMENSION PRINT**

<b>Horsepower</b>	15
<b>Pole(s)</b>	02
<b>Voltage(s)</b>	460-230
<b>Frame Size</b>	H215TP
<b>Outlet Box AF</b>	3.19
<b>Outlet Box AA</b>	1.00

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