DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

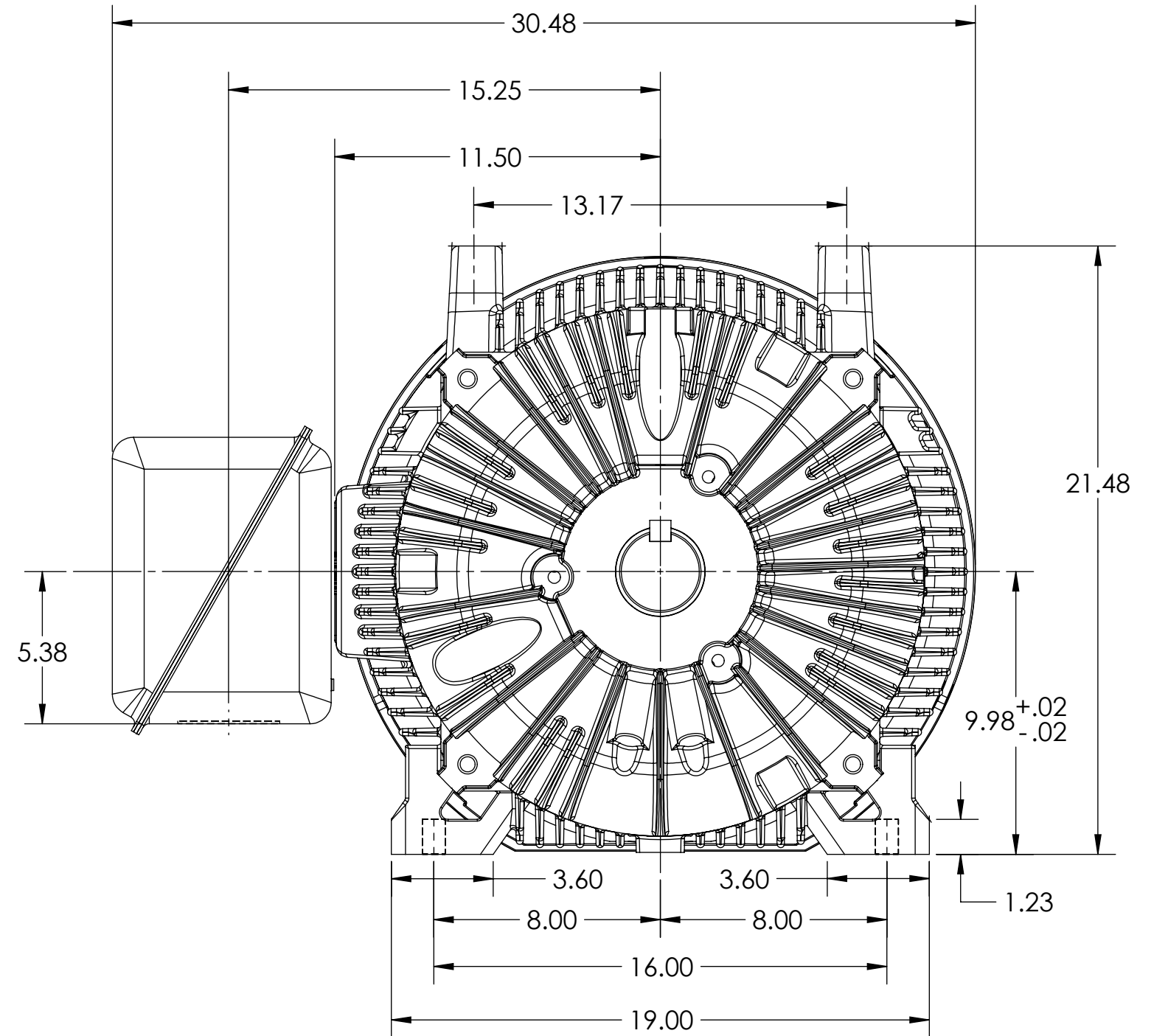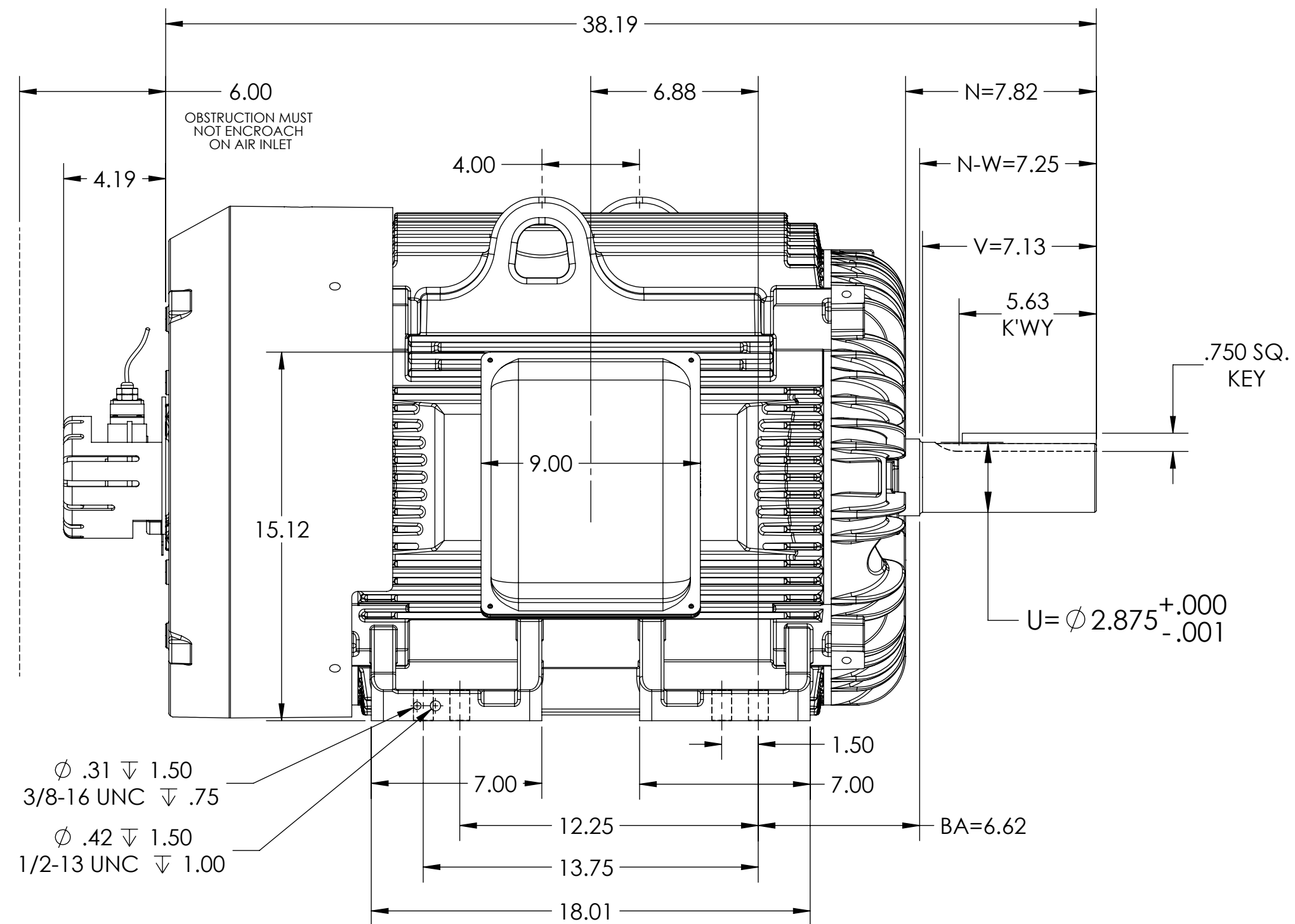**ENCLOSURE: TOTALLY ENCLOSED** **FRAME G405T ABOVE NEMA RATINGS** **COOLING: FAN COOLED**
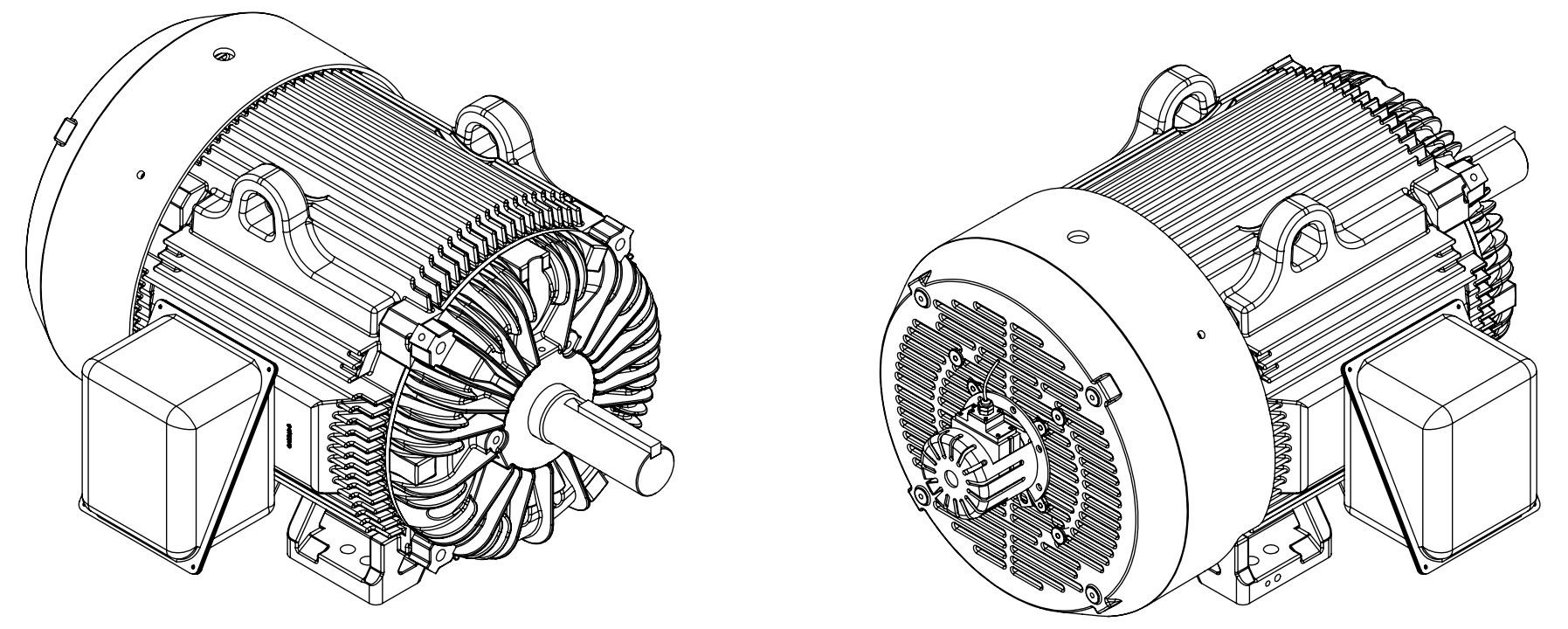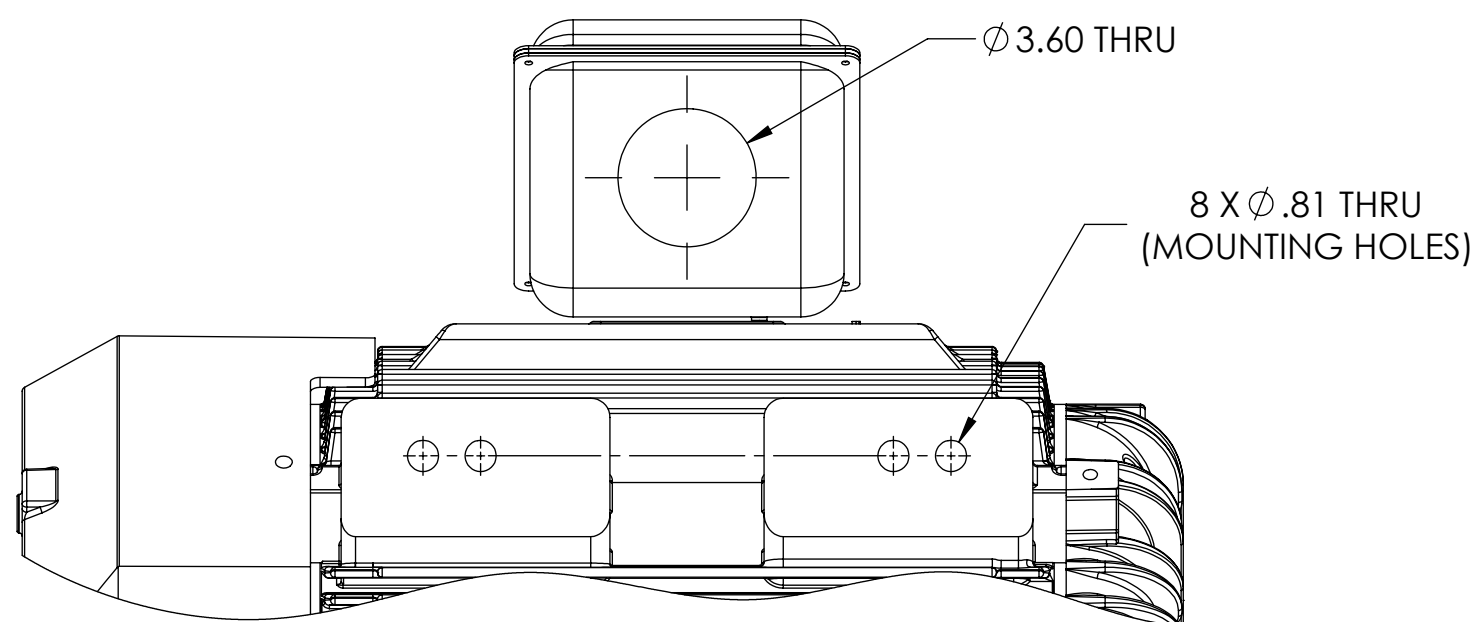
MOUNTING: FOOT F-1 **INCLUDES 404T FRAME MOUNTING HOLES AND HS-35 ENCODER** **STANDARD INDUSTRIAL/ ZDVSM ENCLOSURE**

38.19

6.00
OBSTRUCTION MUST NOT ENCROACH ON AIR INLET

4.19

6.88

4.00

N=7.82

N-W=7.25

V=7.13

5.63 K'WY

.750 SQ. KEY

9.00

15.12

U=$\phi\, 2.875^{+.000}_{-.001}$

ϕ .31 ▽ 1.50
3/8-16 UNC ▽ .75

ϕ .42 ▽ 1.50
1/2-13 UNC ▽ 1.00

1.50

7.00

1.50

7.00

12.25

BA=6.62

13.75

18.01

ϕ 3.60 THRU

8 X ϕ .81 THRU
(MOUNTING HOLES)

30.48

15.25

11.50

13.17

21.48

5.38

9.98 $^{+.02}_{-.02}$

3.60

3.60

1.23

8.00

8.00

16.00

19.00

WEIGHT (LBS) : 1350 / WEIGHT MAY VARY 15% DEPENDING ON RATING

DIMENSIONS ARE IN INCHES; SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF
STANDARD SHAFT EXTENSION IS .003" T.I.R. TO 5 INCH DIA.

REV. DESC: UPDATING FOOT HOLES FROM 6 TO 8			
REV: C	VERSION: 03	REVISED:10:52:36 12/08/2017	TDR: 000001053673
MODEL NO. 617429-200			REF: -
BY:RAGRA	Material: -		C

BALDOR

G405T/404T STD – FOOTED - STANDARD INDUSTRIAL/ZDVS - ENCODER

617429-200

DUTY MASTER ALTERNATING CURRENT MOTORS

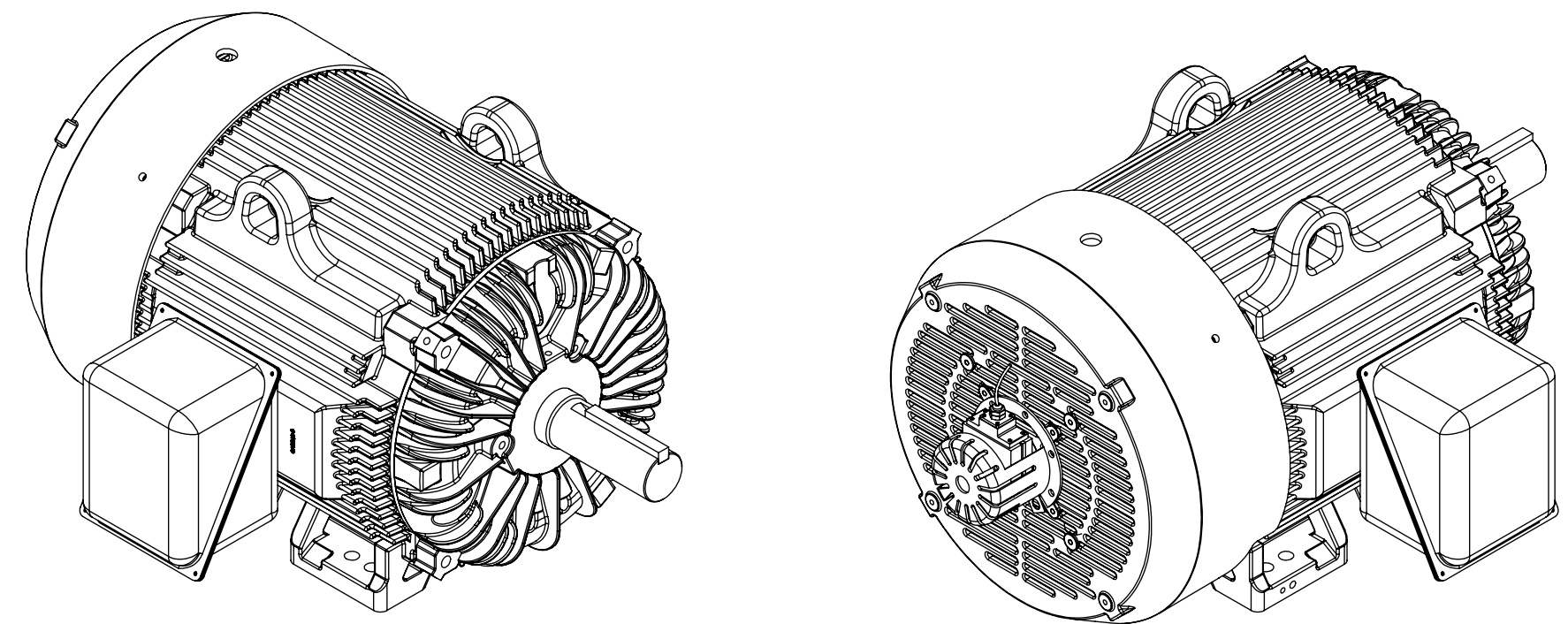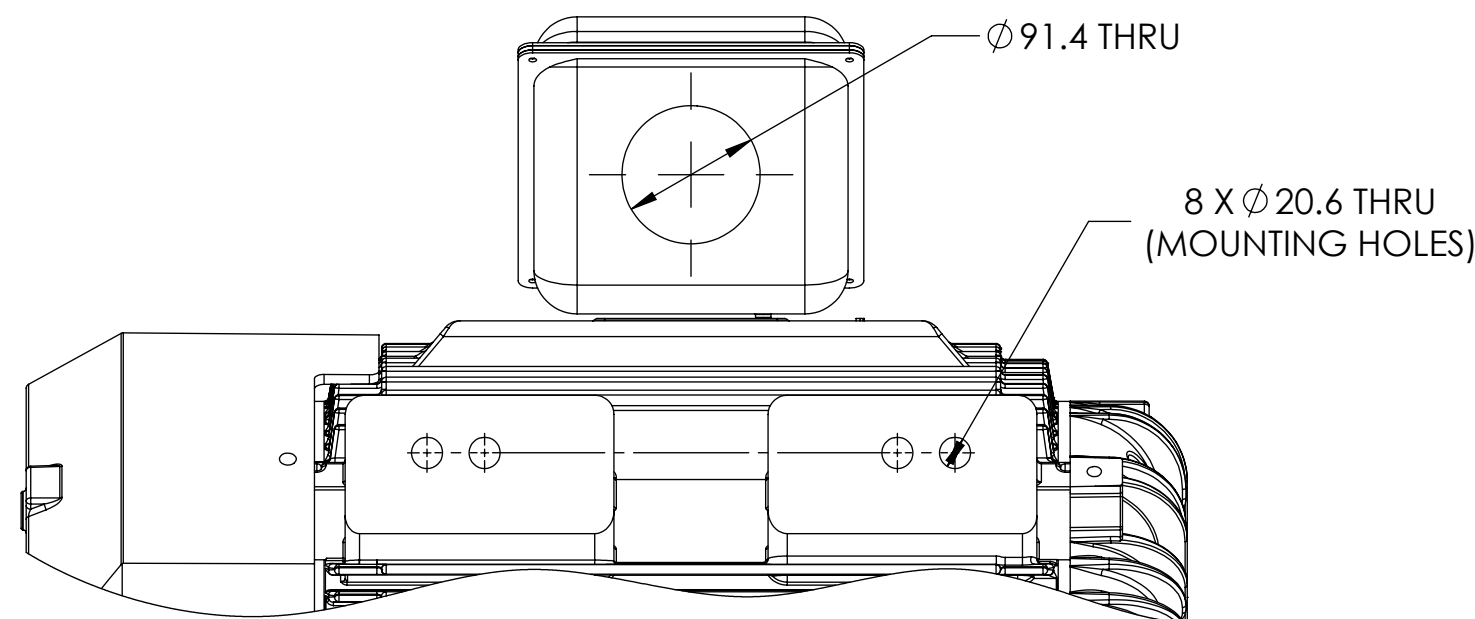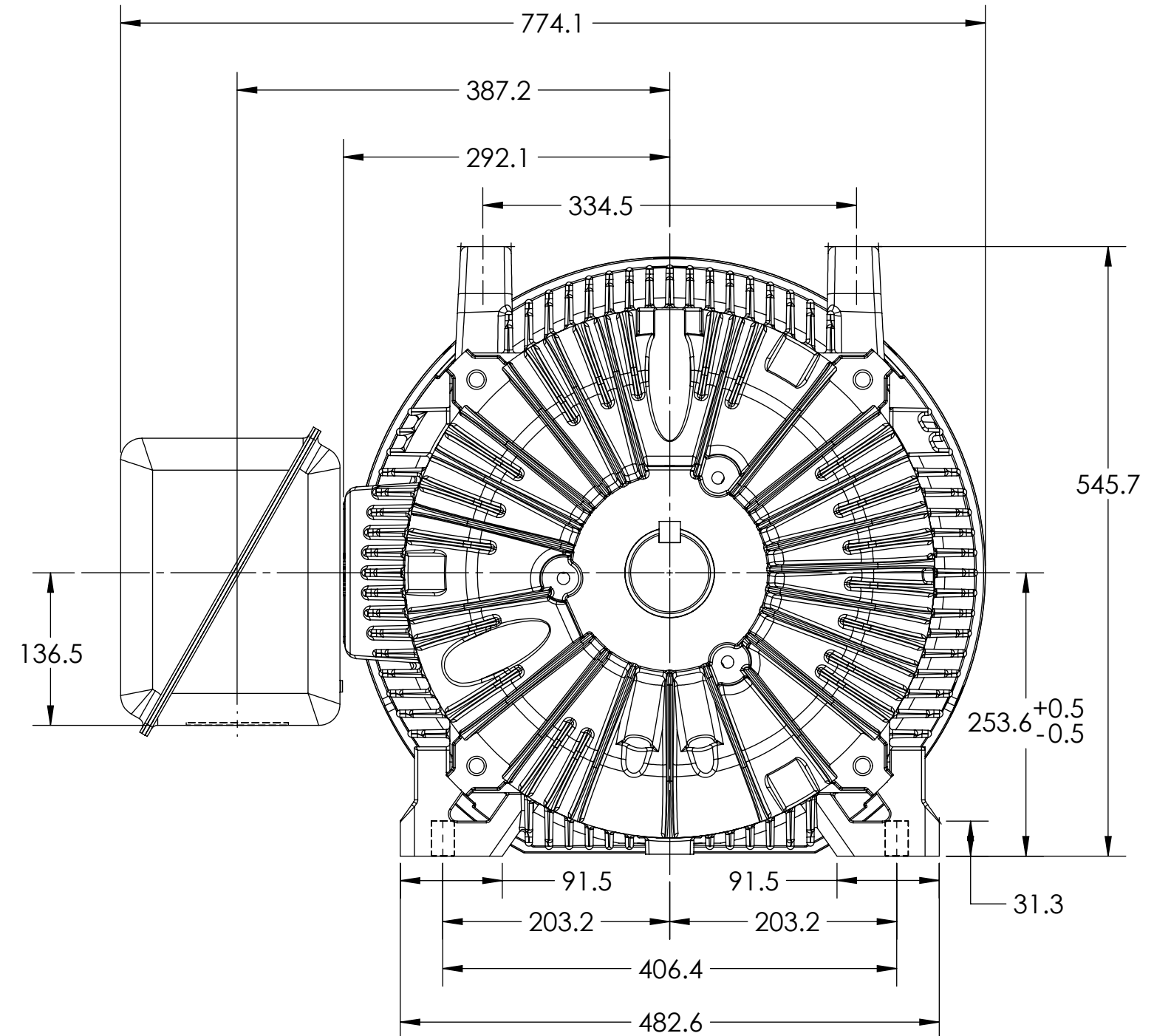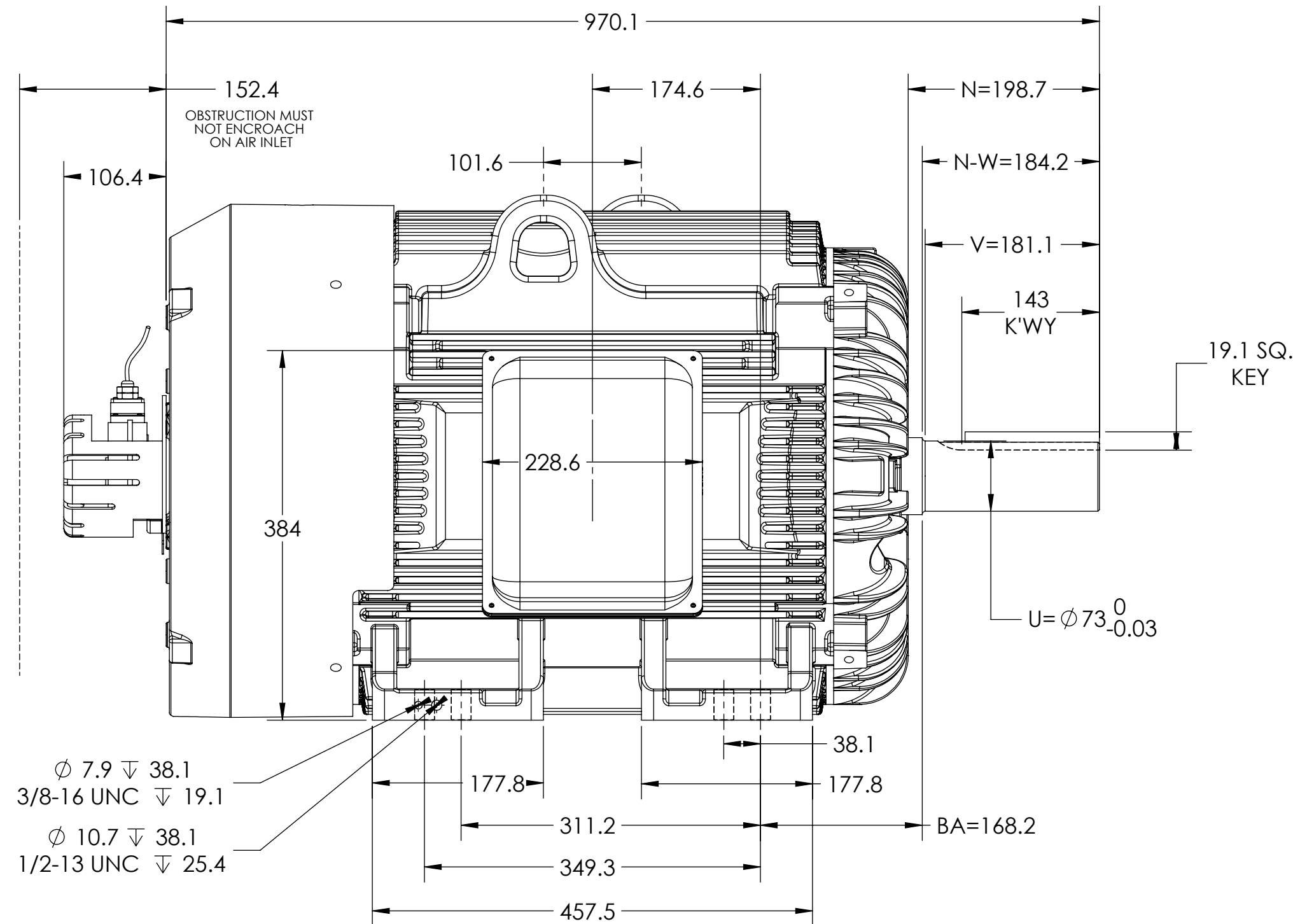## SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

FRAME G405T ABOVE NEMA RATINGS

COOLING: FAN COOLED

MOUNTING: FOOT F-1

INCLUDES 404T FRAME MOUNTING HOLES AND HS-35 ENCODER

STANDARD INDUSTRIAL/ ZDVSM ENCLOSURE

970.1
152.4
OBSTRUCTION MUST NOT ENCROACH ON AIR INLET
106.4
174.6
101.6
228.6
384
N=198.7
N-W=184.2
V=181.1
143 K'WY
19.1 SQ. KEY
$U= \varnothing 73^{\;0}_{-0.03}$

$\varnothing 7.9 \; \triangledown \; 38.1$
3/8-16 UNC $\triangledown$ 19.1
$\varnothing 10.7 \; \triangledown \; 38.1$
1/2-13 UNC $\triangledown$ 25.4
177.8
311.2
349.3
457.5
38.1
177.8
BA=168.2

$\varnothing 91.4$ THRU
8 X $\varnothing 20.6$ THRU (MOUNTING HOLES)

774.1
387.2
292.1
334.5
545.7
136.5
$253.6^{+0.5}_{-0.5}$
31.3
91.5 91.5
203.2 203.2
406.4
482.6

WEIGHT (KGS) : 620 / WEIGHT MAY VARY 15% DEPENDING ON RATING

DIMENSIONS ARE IN MILLIMETERS; SEE SHEET 1 FOR DIMENSIONS IN INCHES

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF
STANDARD SHAFT EXTENSION IS .08 MM T.I.R. TO 127 MM DIA.

REV. DESC: UPDATING FOOT HOLES FROM 6 TO 8			
REV: C	VERSION: 03	REVISED:10:52:36 12/08/2017	TDR: 000001053673
MODEL NO. 617429-200			REF: -
BY:RAGRA	Material: –		

C

BALDOR

G405T/404T STD – FOOTED - STANDARD INDUSTRIAL/ZDVS - ENCODER