PRODUCT INFORMATION PACKET

Model No: 449TSTDN16004 Catalog No: U795 XRI® General Purpose General Purpose Motor, 450 & 400 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 & 3000 RPM, 449TS Frame, DP



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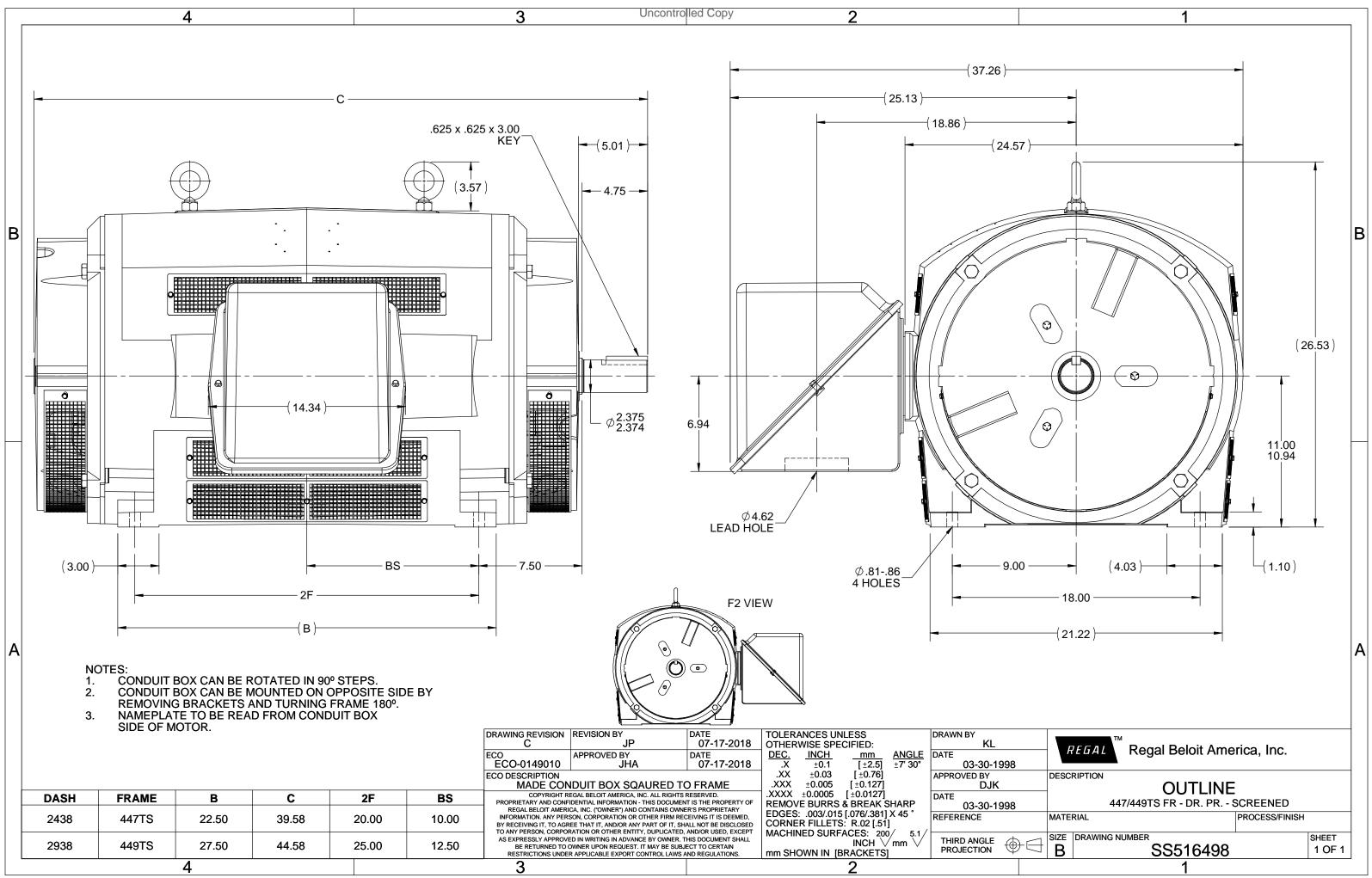
Nameplate Specifications

Phase	3	Output HP	450 & 400 Hp
Output KW	340.0 & 300.0 kW	Voltage	460 & 380 V
Speed	3570 & 2965 rpm	Service Factor	1.15 & 1.15
Frame	449TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	96.2 & 95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	485 & 530 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	F
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.0086 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	44.50 in
Frame Length	29.38 in	Shaft Diameter	2.375 in
Shaft Extension	5.02 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS516498-2938	Connection Drawing	A-EE7300BH

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	T12 0 T1 0 T1 0 T9				— T3 — T6 — T9 —T12 — T1	T T	2(W4) — 1(U1) — 6(W2) — 7(U3) —		LINE 1
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	T7 T10 2			— T4 — T7 —T10 — T2 — T5 — T8	Т Т Т1	2(V1) — 4(U2) — 8(V3) — 0(U4) —		——LINE 2
					——T11	Т Т	3(W1) — 5(V2) — 9(W3) — 1(V4) —		——LINE 3
	VIEW OF TERMINAL	END_							
				TOLERANCE UNLESS SPECI DEC. INCHE	S FIED IS	REGAL	REGAL - BELOI	T CORPORATION	DRAWN RJW 02-11-2005 CHK ML 02-11-2005
				.X ±.1 .XX ±.02					APPD GK 02-11-2005 SCALE
D	CHANGED TO REGAL TITLE BLOCK ECO-0108299	WGJ 08/22/2016	ЕМН	.XXX ±.005		EAD- SINGL			REF
1	ADDED IEC TERMINAL MARKINGS CN 41429	JJB 05/24/2007	ML	.XXXX ±.0005	MAT'L.				FMF
NO.	REVISION	BY & DATE	снк	ANG ±7'30"	FINISH				PREV
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BI IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION / THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE	ARE RESERVED	RFP DIST	02-11-200 LB	5 CAD FILE	ee7300bh		SIZE DRAWING	EE7300BH C

CERTIFICATION DATA SHEET

Model#:	449TSTDN16004 CA	WINDING#:	T4492128 NONE 1
CONN. DIAGRAM:	A-EE7300BH	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS516498-2938		

TYPICAL MOTOR PERFORMANCE DATA

HP		ĸw	SYNC. R	PM	F.L. RPM	FRAME	EN	CLOSURE	KVA CC	DE	DESIGN
450&400	3	40&300	3600		3670&2965	449TS		DP	F		В
РН	Hz	vo	LTS F	L AMPS	START TYPE	DUTY	INSL	s	.F	AMB°C	ELEVATION
3	60/50	460	#380 4	85&530	PWS & YDRUN	CONTINUOU S	F1	1.15	/1.15	40	3300
FULL LOAI 96.2&9		3/4 LOAD	EFF: 96.2			GTD. EI	FF	ELEC	. TYPE	NO	LOAD AMPS
FULL LOAD P	F: 90&90	3/4 LOA	D PF: 88	1/2 L	OAD PF: 84	95.8		SQ CAGE	IND RUN		115
r											

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
662 LB-FT	2650	840 LB-FT 125	1550 LB-FT 230	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
85 dBA	95 dBA	46.5 LB-FT^2	190 LB-FT^2	10 SEC.	1	2500 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	TS	NONE	NONE	1045 HOT	CAST IRON
6314	6314					ROLLED (C-204)	

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

	INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE							
ENCODER: NONE	ENCODER: NONE							
NONE NONE								
NONE NONE PPR								
BRAKE: NONE	NONE							
NONE P/N NO	DNE							
NONE NONE								
NONE FT-LB	NONE V	NONE Hz						

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