	Technical Data Vertical Multistage - SBI 3-10 3PH NEMA	Revision no.	Page: 1

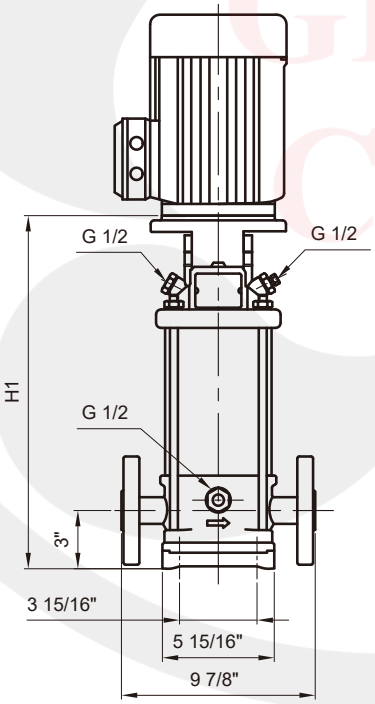
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Company name		
Respons. Department		
Person in charge		
Phone number		
Fax no		
E-mail address		



Brand: G.P.T.CO

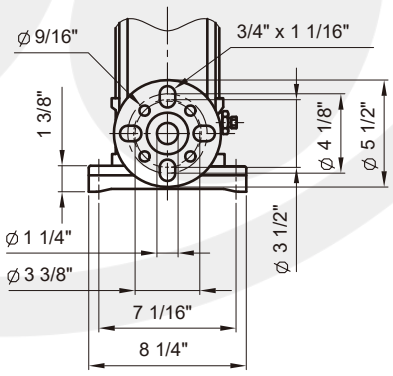
Model: SBI 3-10 3PH

Dimensions:



Max. Operating Pressure		Stage	Max. inlet Pressures
Stage	flange(ANSI)		
SBI 3		SBI 3	
2-25	362 Psi	2-17	145 Psi

Flange (ANSI)
1 1/4" 300 lb.R.F.



Pump type	Recommend motor of HP			SBI		
	P2			NEMA Frame	Dimension[inch]	Weights[lbs]
	[HP]	[kW]	[PH]		ANSI flange H1	ANSI flange
SBI 3-10	2	1.5	3	56C	17.01	38.8

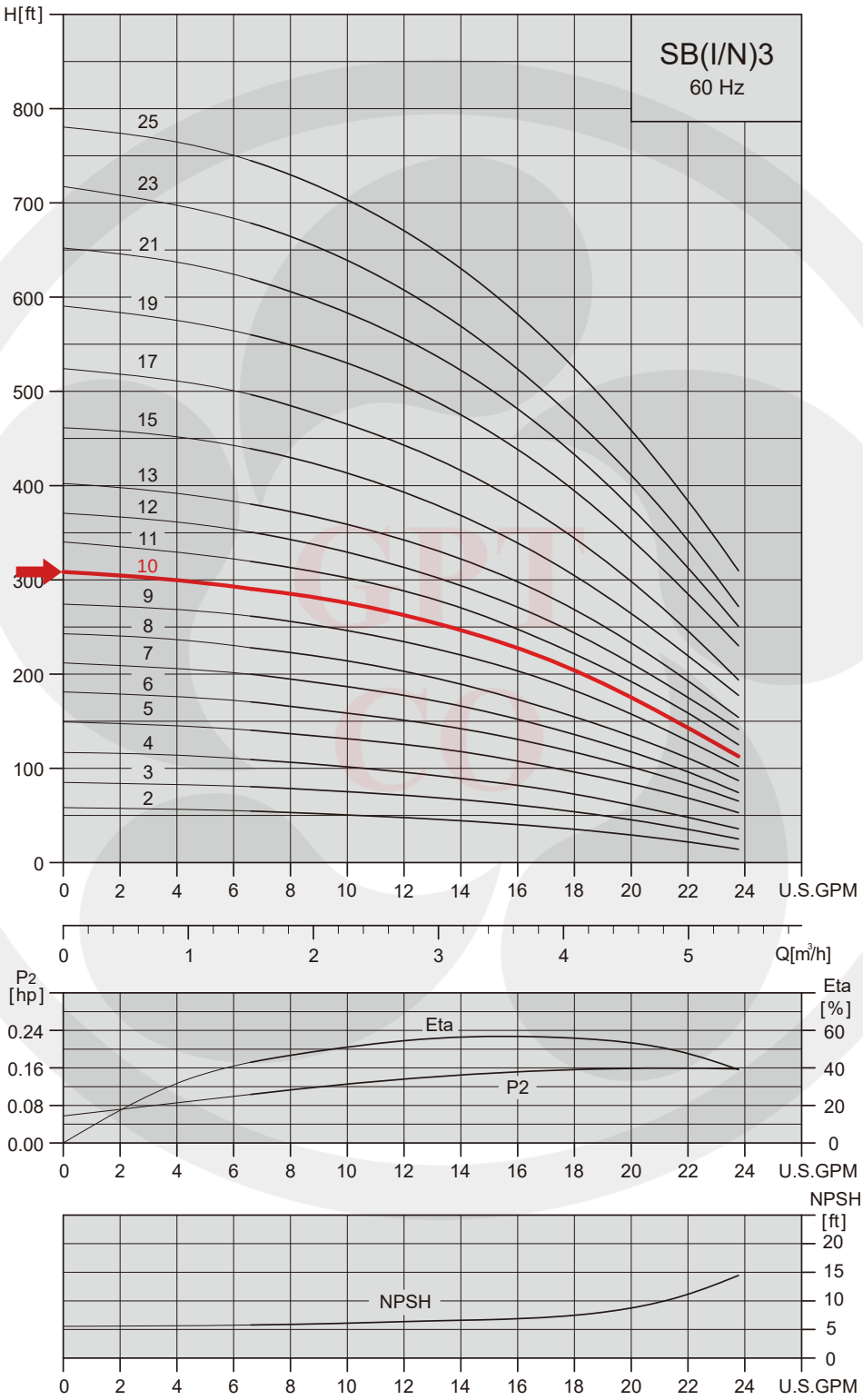
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Technical Data

Vertical Multistage - SBI 3-10 3PH NEMA

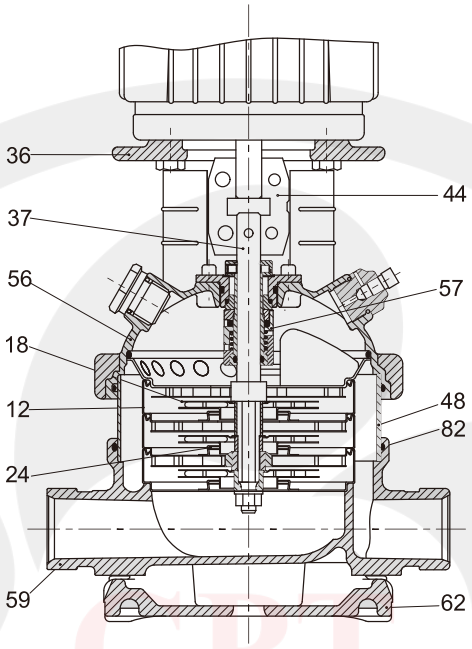
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Construction

Pos.	Name	Material	SBI 1,3,5,10,15,20
			Standard
			USA
36	Pump head	Cast Iron	ASTM 65-45-12
56	Pump head cover	Stainless steel	AISI 304
18	Impeller	Stainless steel	AISI 304
37	Shaft	Stainless steel	AISI 431
48	Outer sleeve	Stainless steel	AISI 304
82	O-ring for outer sleeve	EPDM	
12	Chamber	Stainless steel	AISI 304
24	Neck ring	PTFE	
59	Base	Cast Iron	N/A
		Stainless steel	AISI 304
62	Base plate	Cast Iron	ASTM 25B
44	coupling	Sintered metal	
57	Mechanical seal	Cartridge type	

Gol Pumps Technology Inc. - 6520 NW 77th CT Miami, FL 33166 United States - Tel. (+1)786 615 8984 - Fax (+1)786 615 7043 - www.golpumps.us - Modification without advise!

DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer	:

Product line	: W01 - TEFC - Premium Efficiency (DOE) Derating
Product code	: 14786573

Frame	: 56	Locked rotor time	: 13 s (hot) 23 s (cold)
Output	: 2 HP (1.5 kW)	Temperature rise[4]	: 80 K
Poles	: 2	Duty cycle	: S1
Frequency	: 60 Hz	Ambient temperature	: -20 °C to +40 °C
Rated voltage	: 230/460 V	Altitude	: 1000 m.a.s.l
Rated current	: 4.94/2.47 A	Protection degree	: IP55
L. R. Amperes	: 48.9/24.5 A	Cooling method	: IC411 - TEFC
LRC	: 9.9 Code L	Mounting	: F-1/B14R(D)
No load current	: 2.12/1.06 A	Rotation[1]	: Both
Rated speed	: 3520 rpm	Noise level[2]	: 68 dB(A)
Slip	: 2.22 %	Starting method	: Direct On Line
Rated torque	: 2.98 ft.lb	Approx. weight[3]	: 40.1 lb
Locked rotor torque	: 250 %	Design	: B
Pull up torque	: 210 %		
Breakdown torque	: 300 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.1281 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	82.5	85.5	85.5
Power Factor	0.73	0.83	0.89

Load type	: -
Load torque	: -
Load inertia (J=GD²/4)	: -

	Drive end	Non drive end
Bearing type	6204-ZZ	6202-ZZ
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	: 67 lb
Max. compression	: 107 lb

Notes:

Losses at normative operating points (speed;torque), in percentage of rated output power

P1 (0,9;1,0)	P2 (0,5;1,0)	P3 (0,25;1,0)	P4 (0,9;0,5)	P5 (0,5;0,5)	P6 (0,5;0,25)	P7 (0,25;0,25)
16.34	13.84	12.83	8.32	5.25	3.47	2.25

Standards

Specification	: MG1 - Part 10	Vibration	: MG1 - Part 7
Test	: MG1 - Part 12	Tolerance	: MG1 - Part 12
Noise	: MG1 - Part 9		

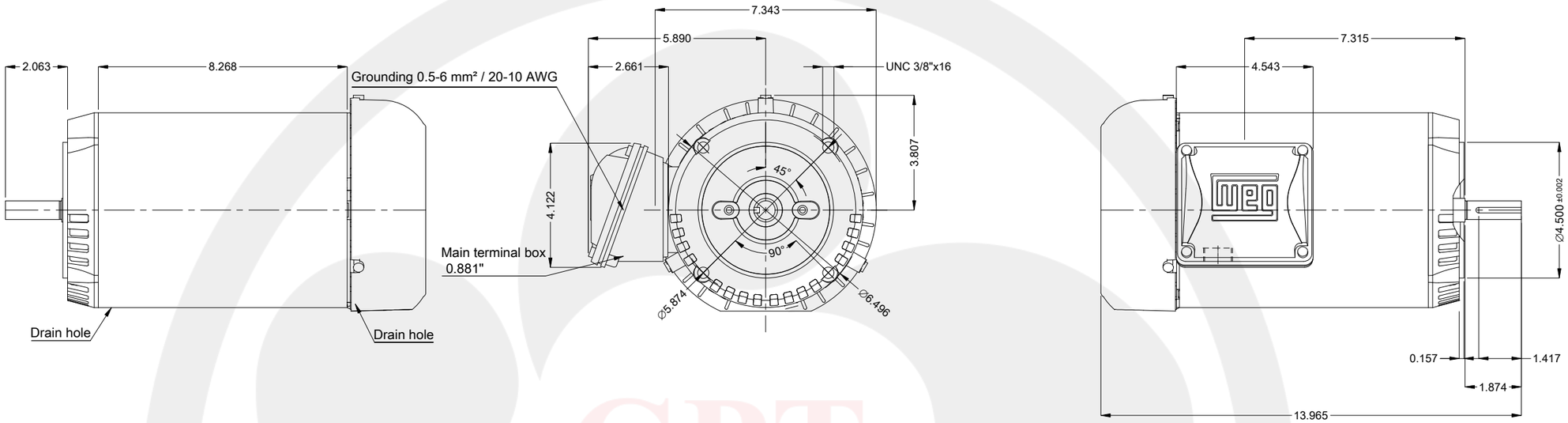
This revision replaces and cancel the previous one, which must be eliminated..
(1) Looking the motor from the shaft end.
(2) Measured at 1m and with tolerance of +0dB(A).
(3) Approximate weight, subject to be changed after manufacturing process.
(4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

Rev.	Changes Summary	Performed	Checked	Date

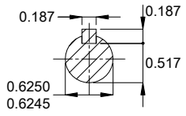
Performed by				
Checked by			Page	Revision
Date	2026/10/20		1/1	0

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Fan cover - steel plate
Color Munsell N 1 matte black
Painting plan 207N
Mounting MARKET F-1/B14R(D)
Mounting F-1/B14R(D)

DE Shaft End



2 HP 02 Poles 60 Hz

A

Scale 1 : 4

ECM	LOC	SUMMARY OF MODIFICATIONS	EXECUTED	CHECKED	RELEASED	DATE	VER
			HYBRISUSER				00

EXECUTED	HYBRISUSER
CHECKED	
RELEASED	
REL. DATE	

THREE PH. MOTOR ROLLED STEEL PREM. EFF.
FRAME 56C IP55 TEFC

PREVIEW

WDD 00

SHEET 1 / 1

Dimensions in inches

A3

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NEMA PREMIUM

MADE IN MÉXICO

C UL US LISTED 3PT9 FOR SAFE AREA

C SA® US Energy Verified

MAT: 14786573 CC029A
W01.TE0IC0X0X
MODEL 00236ET3E56CFL-S
21OCT2026 B/N: 4169479

For 60Hz: Class I, Zone 2, IIC
Class I, Div.2, Gr. A,B,C,D - T3
Div 2 Inverter Duty (SF1.00)
CT 2:1/VT 1000:1

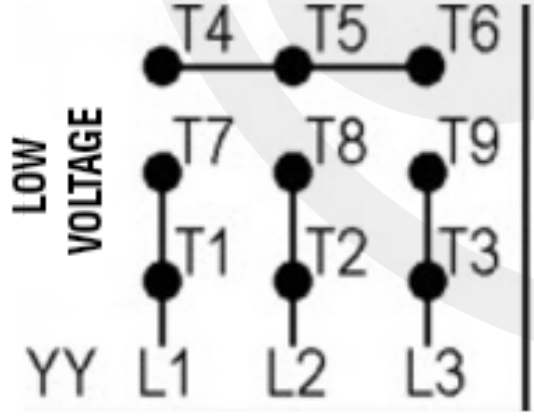
PH	3	Hz	60
FR	56C		
DUTY	CONT.		
ALT	1000 m.a.s.l		
INS CL F DT 80K		IP55	
AMB	40°C	DES	B
ENCL	TEFC	CODE	L

HP	2.0
kW	1.5
V	230/460
A	4.94/2.47
SFA	5.68/2.84
SF	1.15
PF	0.89
RPM	3520
NEMA NOM. EFF	85.5%

ALTERNATE RATING: 1.5HP 50Hz 190-220/380-415V SF1.15
4.50-4.06/2.25-2.15A 2921RPM EFF 82.7% (IE3) IEC 60034-1

For safe area-Inverter duty motor For 60Hz use on VPWM 1000:1 VT, 5:1 CT

DE 6204-ZZ	ODE 6202-ZZ	MOBIL POLYREX EM	



T1-BLU T2-WHT
T3-ORG T4-YEL
T5-BLK T6-GRY
T7-PNK T8-RED
T9-RED BRK

INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION

WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.

AVERTISSEMENT: Le moteur doit être mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Déconnectez l'alimentation avant l'entretien de la machine.