	Technical Data Vertical Multistage - SBI 5-2 1PH NEMA	Revision no.	Page: 1

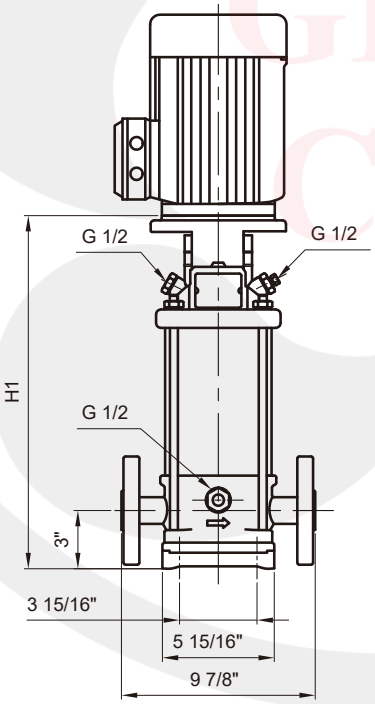
	Receiver	From
Company name		
Respons. Department		
Person in charge		
Phone number		
Fax no		
E-mail address		



Brand: G.P.T.CO

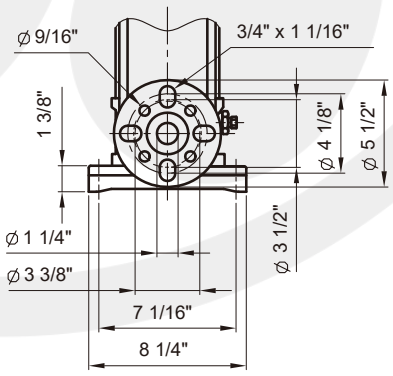
Model: SBI 5-2 1PH

Dimensions:



Max. Operating Pressure		Stage	Max. inlet Pressures
Stage	flange(ANSI)		
SBI 5		SBI 5	
2-24	362 Psi	2-9	145 Psi

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

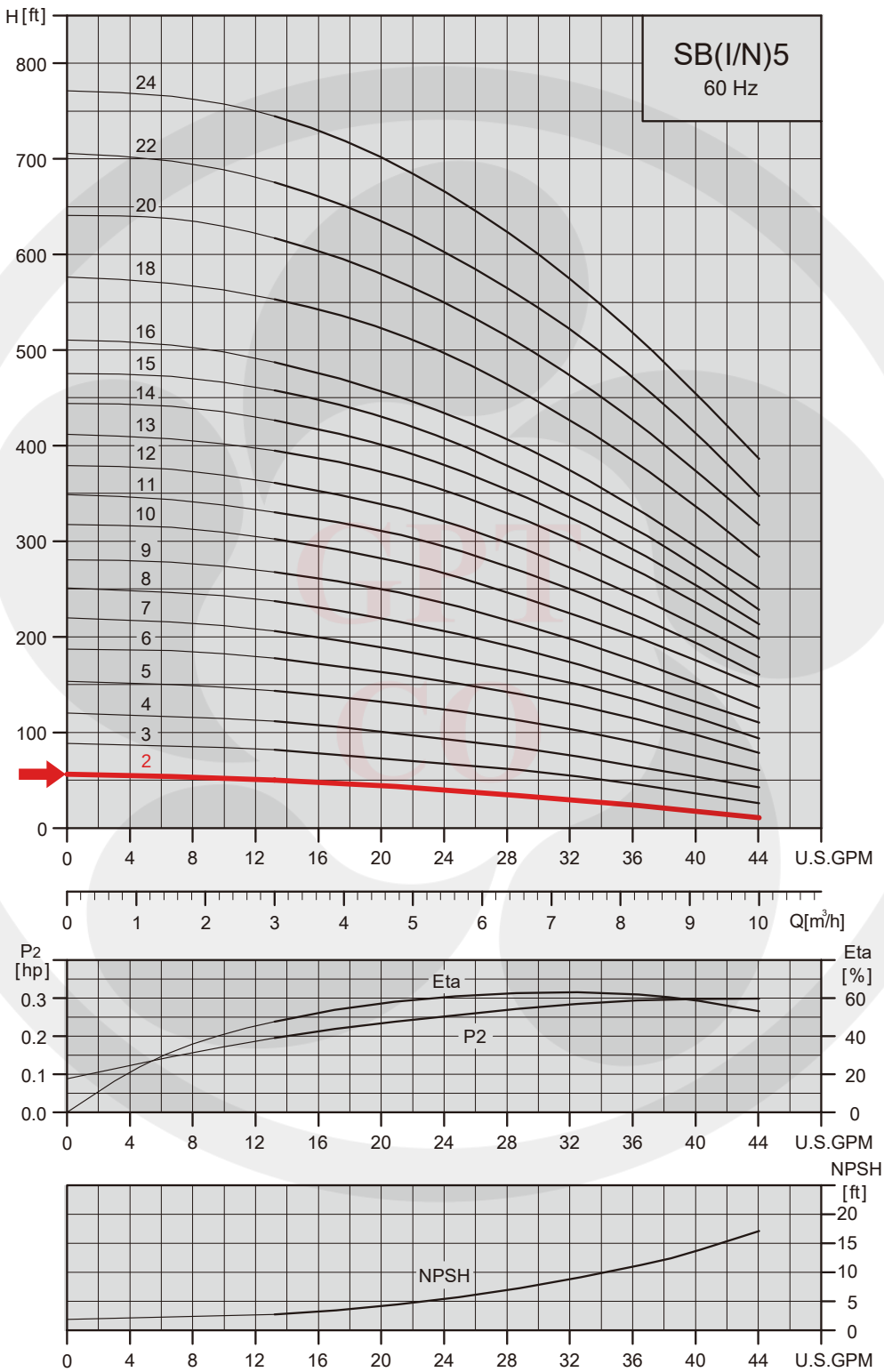


Pump type	Recommend motor of HP			SBI		
	P2			NEMA Frame	Dimension[inch]	Weights[lbs]
	[HP]	[kW]	[PH]		ANSI flange H1	ANSI flange
SBI 5-2	3/4	0.55	1	56C	12.05	33.0

Project	Project ID	Created by	Created on	Last update

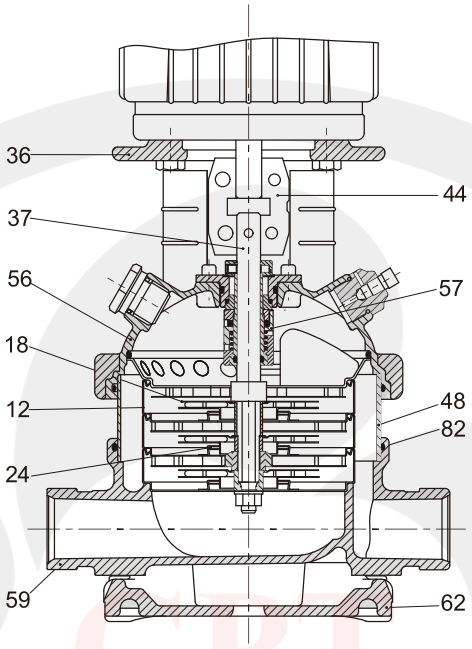
	Technical Data Vertical Multistage - SBI 5-2 1PH NEMA	Revision no.	Page: 2

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Project	Project ID	Created by	Created on	Last update

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Phone number		
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E-mail address		



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

Single Phase Induction Motor - Squirrel Cage

Customer	:

Product line	: W01 - TEFC - Standard Efficiency
Product code	: 14786499

Frame	: 56	Locked rotor time	: 10 s (hot) 18 s (cold)
Output	: 0.75 HP (0.55 kW)	Duty cycle	: S1
Poles	: 2	Ambient temperature	: -20 °C to +40 °C
Frequency	: 60 Hz	Altitude	: 1000 m.a.s.l
Rated voltage	: 115/208-230 V	Protection degree	: IP55
Rated current	: 8.00/4.42-4.00 A	Cooling method	: IC411 - TEFC
L. R. Amperes	: 64.0/32.0 A	Mounting	: F-1/B14R(D)
LRC	: 8.0 Code L	Rotation[1]	: Both
No load current	: 4.00/2.00 A	Noise level[2]	: 68 dB(A)
Rated speed	: 3500 rpm	Starting method	: Direct On Line
Slip	: 2.78 %	Approx. weight[3]	: 26.5 lb
Rated torque	: 1.12 ft.lb	Design	: N
Locked rotor torque	: 280 %		
Pull up torque	: 235 %		
Breakdown torque	: 290 %		
Insulation class	: F		
Service factor	: 1.15		
Moment of inertia (J)	: 0.0403 sq.ft.lb		

Output	50%	75%	100%
Efficiency (%)	52.0	62.0	66.0
Power Factor	0.81	0.87	0.91

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

	Drive end	Non drive end
Bearing type	6203-ZZ	6202-ZZ
Lubrication interval	-	-
Lubricant amount	-	-
Lubricant type	MOBIL POLYREX EM	

Foundation loads	
Max. traction	: -
Max. compression	: -

Notes:

Standards

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

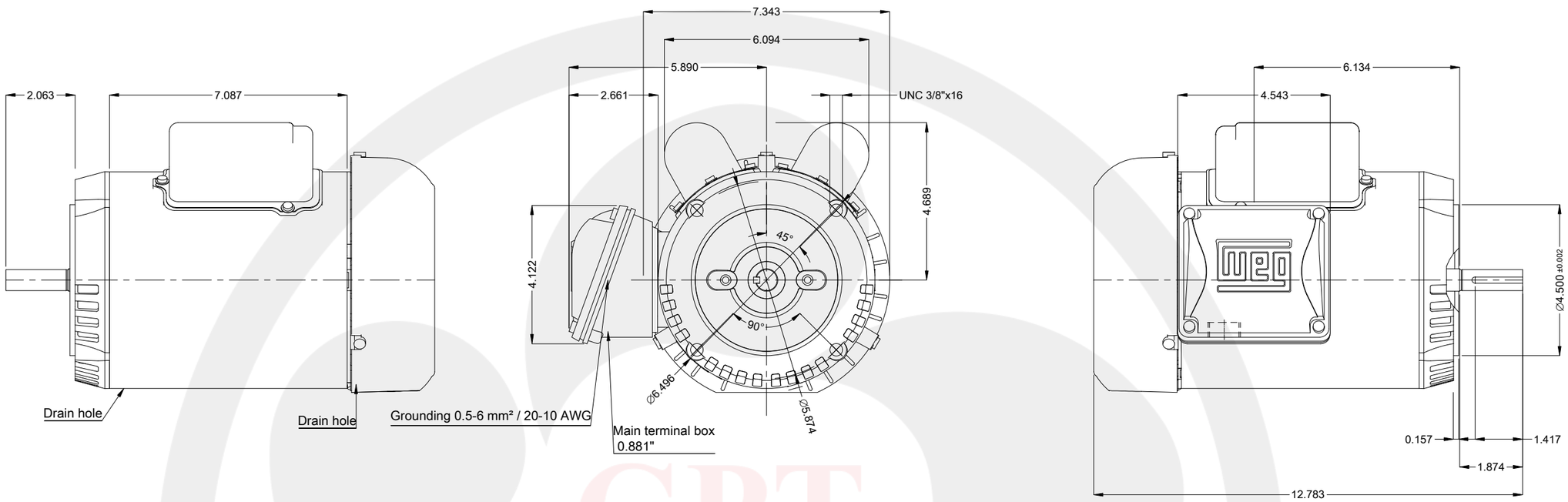
This revision replaces and cancel the previous one, which must be eliminated..
(1) Looking the motor from the shaft end.
(2) Measured at 1m and with tolerance of +0dB(A).
(3) Approximate weight, subject to be changed after manufacturing process.
(4) At 100% of full load.

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

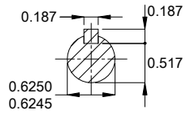
Rev.	Changes Summary	Performed	Checked	Date

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

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DE Shaft End



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

0.75 HP 02 Poles 60 Hz | A

Scale 2 : 7

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

EXECUTED	HYBRISUSER
CHECKED	
RELEASED	
REL. DATE	

SINGLE PH. MOTOR ROLLED STEEL
FRAME 56C IP55 TEFC

PREVIEW
WDD 00
SHEET 1 / 1

Dimensions in inches

A3

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W01 ME0IC0X0X

W01

MADE IN MEXICO

14786499

B/N:

kW(HP) 0.55(0.75) **MODEL .7536ES1B56CFL-S**

PH1 60Hz Fr. 56C 1000m.a.s.l. IP55 TEFC 25lb DUTY CONT.

AMB 40°C INS cl. F DT80K Code L DES N

V		Hz	RPM	A		SFA		SF	PF	IE code	NEMA NOM EFF
115	230	60	3500	8.00	4.00	9.20	4.60	1.15	0.91	-	66.0
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

USABLE @208V 4.42A SF 1.00

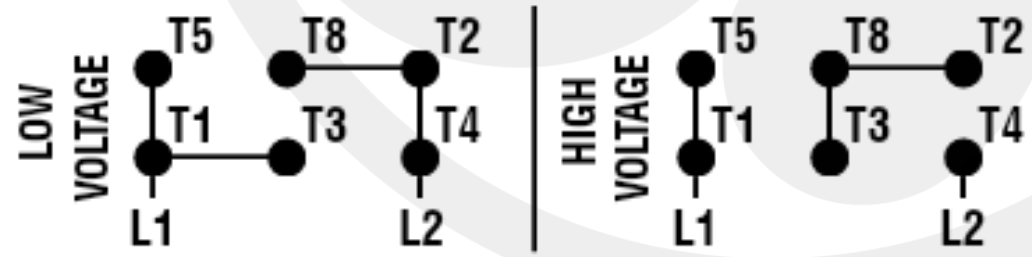
Electric Motor

MOBIL POLYREX EM

–6203-ZZ

–6202-ZZ

TO REVERSE ROTATION INVERT T5 AND T8



T1 – BLU **T2 – WHT** **T3 – ORG**

T4 – YEL **T5 – BLK** **T8 – RED**

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.