

# PRODUCT INFORMATION PACKET



Model No: 505UTDS819

Catalog No: M856

150 HP Vertical Solid Shaft P-Base Motor, 3 phase, 900 RPM, 460 V, 505PV Frame, ODP  
Vertical Pump Motors

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### Nameplate Specifications

Output HP	150 Hp	Output KW	112.0 kW
Frequency	60 Hz	Voltage	460 V
Current	191.0 A	Speed	885 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Power Factor	77.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	505 PV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6318
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

### Technical Specifications

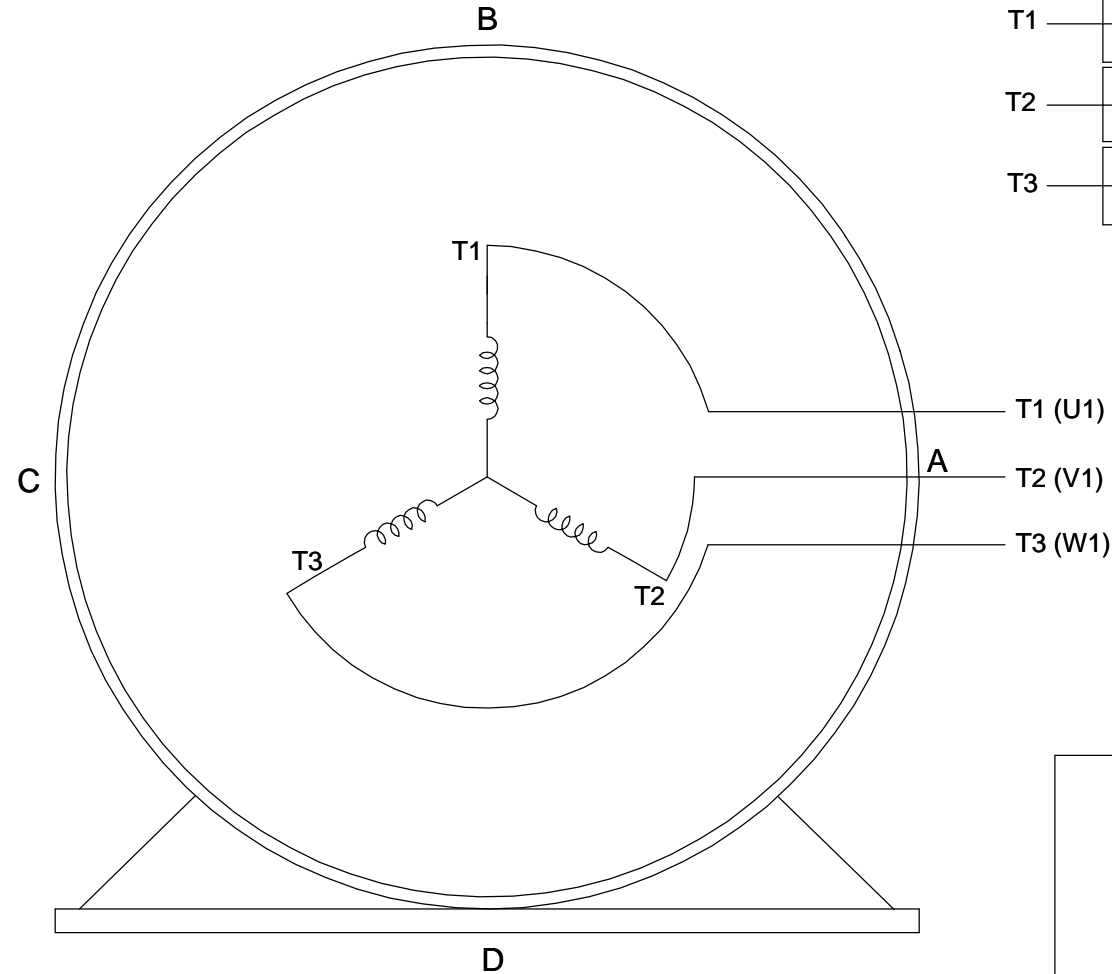
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	.032 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	P	Overall Length	38.75 in
Shaft Diameter	2.625 in	Shaft Extension	5 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS510025-2100	Connection Drawing	A-EE7300



# THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

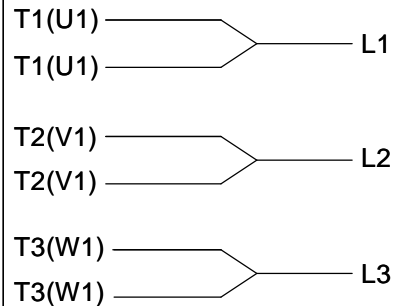
TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.

## TERMINAL BLOCK WHEN SPECIFIED



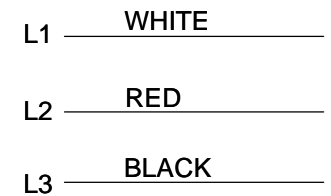
VIEW OF TERMINAL END

### IF MOTOR HAS 6 LEADS



A-9806 DECAL

### OPTIONAL CORD CONNECTION



DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

### DESCRIPTION

**CONNECTION DIAGRAM**  
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

### MATERIAL

### PROCESS/FINISH

SIZE  
**A**

DRAWING NUMBER

**EE7300**

SHEET  
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