

CENTER DRIVE & GEAR MOTOR

RainTek PSG35 series center drives are the most efficient gear motor for center pivot and linear irrigation systems.

The dual voltage electric motor, available in 3 phase is designed to work with global power sources. When coupled with our wide range of speed reducing gear ratios, the grower is able to precisely control water application while saving energy.

Features and Benefits

Our center drive is available with a 3 phase, 460/380-volt AC, 60/50 Hz electric motor. We offer multi-ratio, speed-reducing gearboxes that use 95 percent-efficient helical spur gears for power transmission to the final drive gearbox.

- Spray guard for added moisture protection when sprinkler are located below the motor;
- Aluminum finned stator for superior heat dissipation;
- Motor drain holes are protected for superior spray protection;
- All gears are heat treated, high strength steel shafting for long life and dependability;
- Magnet wire to motor lead connections covered with Teflon tubing and encapsulated with P.D. caps for superior moisture protection;
- Thermally protected with automatic reset located in easily accessible junction box;
- Multi-bolt mounting pattern fits (3 3/8" x 6 3/8"), (4 3/4" x 7 1/4") and (5" x 6") bolt patterns;
- All aluminum gear case for cooler running, longer life, and increased corrosion resistance;
- Internally vented junction box protects motor lead connections from moisture;
- Protection rating: IP55; class H wire and class F insulation;
- Efficiency: 95%;
- 3-years' warranty;
- CE certificated.

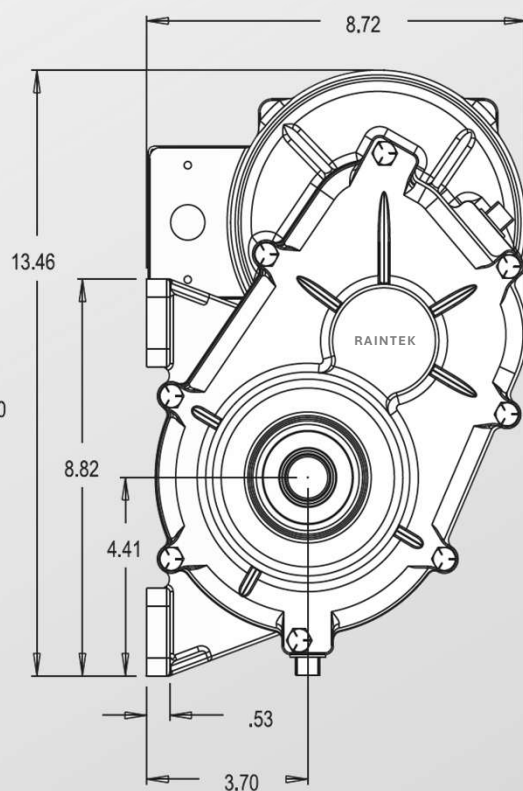
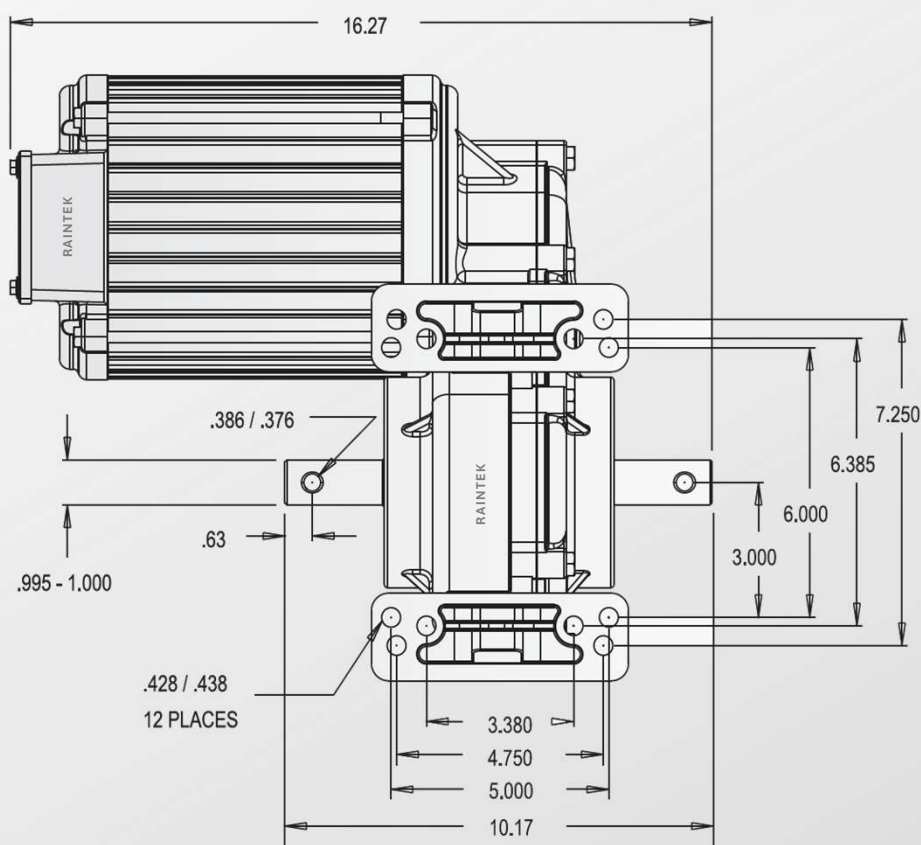


SPECIFICATIONS & DIMENSIONS

Product Number	PSG35-RTUMC20	PSG35-RTUMC25	PSG35-RTUMC30	PSG35-RTUMC40	PSG35-RTUMC50
Ratio	20:1	25:1	30:1	40:1	50:1
Motor HP	1-1/2 HP	1-1/2 HP	1-1/2 HP	3/4 HP	3/4 HP
Service Factor	1.1	1.1	1.1	1.3	1.3
Full Load RPM	460 / 380	460 / 380	460 / 380	460 / 380	460 / 380
** Input	1745 / 1425 RPM	1745 / 1425 RPM	1745 / 1425 RPM	1745 / 1425 RPM	1745 / 1425 RPM
** Output	87 / 71 RPM	67 / 55 RPM	58 / 48 RPM	44 / 35 RPM	35 / 29 RPM
Full Load AMP	2.4 A / 2.7 A	2.4 A / 2.7 A	2.4 A / 2.7 A	1.4 A / 1.5 A	1.4 A / 1.5 A
No Load AMP	1.3 A / 1.4 A	1.3 A / 1.4 A	1.3 A / 1.4 A	1.0 A / 1.1 A	1.0 A / 1.1 A

■ High-Speed

■ Standard-Speed



RAINTEK
Professional * Responsible



Innovative * Sustainable



RainTek (Ningbo) Irrigation Co., Ltd.
No.299, Tongji Road, Ningbo, China
0574 8787 8639 / sales@raintekglobal.com
www.raintekglobal.com