

## Washguard® Motors

### IP55 Washguard® Right Angle Gearmotors White Epoxy Painted



#### General Specifications - SCR rated Gearmotors:

- Performance matched for continuous duty service over 60:1 speed range
- Constant torque throughout the range when powered by a full-wave unfiltered SCR-type adjustable speed control having a typical form factor of 1.3 to 1.4

#### General Specifications - Low voltage Gearmotors:

- Performance matched for continuous duty service
- Designed for battery power or can be used with a low voltage controller with form factor up to 1.05

#### Features:

- 303 Stainless Steel gearbox output shaft
- Frame, endshields, armature and interior components protected by enamel and polyester compounds for resistance to moisture, acids, alkalis and oil
- Cast conduit box with threaded conduit holes and Nitrile gaskets keep water out
- Conduit box cover is made from 304 stainless steel
- For any condensation that may accumulate inside the motor, a one-way stainless steel vapor vent is provided
- All hardware is stainless steel
- Painted with white epoxy for superior corrosion resistance and protection
- Machined fits between the endbells and motor frame are sealed with gaskets
- Thru-bolt heads and nuts sealed with fiber washers
- O-rings under each threaded brush cover
- Worm-type right-angle gearing features hardened, steel worm with bronze worm wheel for long life and quiet operation
- Precision machined aluminum gear housing
- Lubrication is permanent with an oil bath
- Gearbox has all ball bearings
- Output shaft is field interchangeable from left hand to right hand style by reassembly
- Double output shaft available as a factory option

#### Application Notes :

- These right-angle gearmotors have a lubrication breather positioned for horizontal mounting. For other mountings, the breather plug must be reoriented by using a 90 deg 1/8" NPT taper pipe elbow (See drawing). Elbow not available from LEESON
- These gearmotors are designed for mounting at any angle, but motor below the reducer should be avoided to prevent leakage of lubricant into the motor should the motor shaft seal fail
- Overhung load capacities shown are at center of output shaft
- For additional information, see Bulletin 1830



# Washguard® Motors

## IP55 Washguard® Right Angle Gearmotors

### White Epoxy Painted

### TENV - 1.0 Service Factor - SCR Rated 90V

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock
42	80	1/8	M1125275.00	✓
250	25	1/8	M1125276.00	✓
62	135	1/4	M1125277.00	✓
125	90	1/4	M1125278.00	✓
250	50	1/4	M1125279.00	✓

Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
M31D25VZ3	13F60-31	60	90	2.2	235
M31D25VZ4	13F10-31	10	90	2.2	235
M32D25VZ6	13F40-32	40	90	3.7	235
M32D25VZ7	13F20-32	20	90	3.7	235
M32D25VZ8	13F10-32	10	90	3.7	235

P	PB	X Inches	XL	XH
3.13	3.8	4.5	10.86	6.36
3.13	3.8	4.5	10.86	6.36
3.25	3.8	4.5	12.86	8.36
3.25	3.8	4.5	12.86	8.36
3.25	3.8	4.5	12.86	8.36

Specifications are subject to change without notice

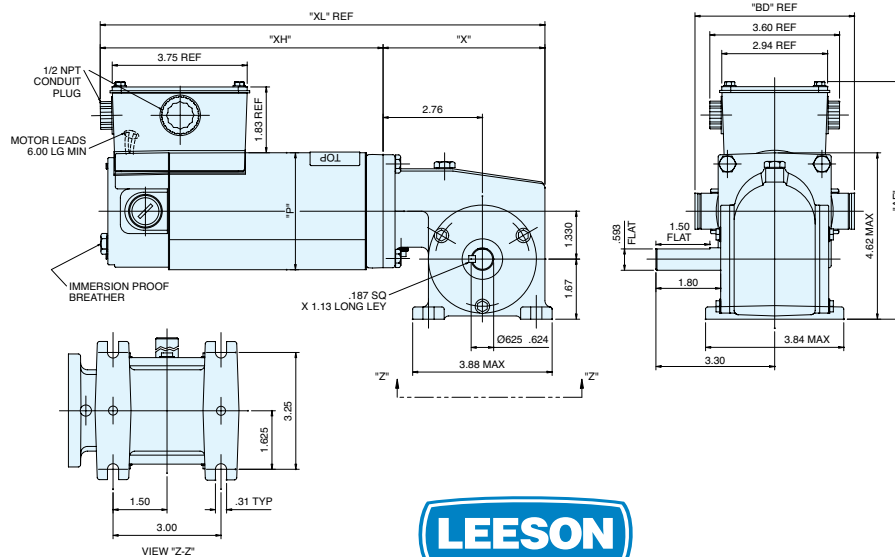
### PE350 Series Parallel Shaft - TENV - 1.0 Service Factor - Low Voltage 12V

Output RPM	F.L Torque (Lb.In.)	Input HP	Catalog Number	Stock
62	135	1/4	M1125280.00	✓
125	90	1/4	M1125281.00	✓

Model Number	Gearmotor Type & Frame	Ratio to 1	DC Arm. Volts	Full Load Amps DC	Over-hung Load (Lbs.)
M32D25VZ9	13F40-32	40	12	28.0	235
M32D25VZ10	13F20-32	20	12	28.0	235

P	PB	X Inches	XL	XH
3.25	4.43	4.5	12.36	7.86
3.25	4.43	4.5	12.36	7.86

Specifications are subject to change without notice



Explosion Proof Motors

Automotive Duty Motors

Pump Motors

Washguard® Motors

Agricultural Motors

HVAC / Fan Motors

Special Voltage Motors

Definite Purpose Motors

Brake Motors