

CENTER DRIVES

**Durst Helical Gearmotors**

**Features and Benefits**

- Aluminum gearbox with heavy-duty bearings and gearing.
- Helical gearing for extended life and quiet operation.
- Universal (8-hole) footprint.
- Interchangeable with Valley type unit.
- Drive shaft bell adapters.
- Finned aluminum motor casing for cool operation.
- Steel sleeve inside aluminum housing at bearing seats.
- Electric conduit junction box sealed with o-ring.
- Loctite sealing of all motor junction faces.
- Three condensation drain ports in motor.
- Threaded conduit box for cord connector.
- Three Phase 460V/60Hz - 380V/50Hz.
- Installation Class - F.
- Thermal protection.
- UL & CSA Certified.
- Continuous Duty.



<b>Durst Helical Gearmotor Specifications</b>				
NI Part #	Gear Ratio	HP	Motor RPM	Output RPM
62086	40:1	1.5	3500	86
62068	50:1	1.5	3500	68
62043	40:1	.75	1750	43
62034	50:1	.75	1750	34

<b>Durst Gearmotor Stators</b>	
NI Part #	Description
79077D	Stator, 3/4 hp, Durst
79066D	Stator, 1.5 hp, Durst

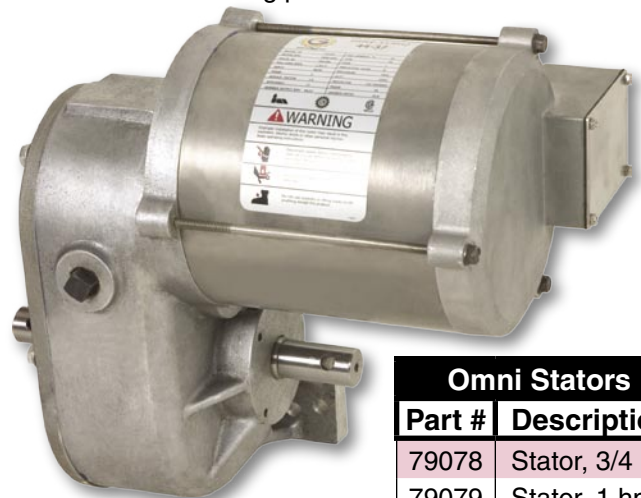
**Omni Helical Gearmotors**

**Specifications for Irri-Torq™ Series**

Category	Description			
	62060	62040	62030	62020
Speed Range	Low	Medium	Med.-Hi	High
Output RPM:				
460 Volts AC	28	43	56	86
380 Volts AC	23	35	47	72
Gearbox Ratio	40:1	40:1	30:1	40:1
Motor HP	0.50 hp	0.75 hp	1.0 hp	1.50 hp
Poles in Motor	6	4	4	2
Motor RPM:				
460 Volts AC	1150	1725	1725	3490
380 Volts AC	930	1425	1425	2850
Service Factor	1.0	1.0	1.0	1.0
Oil Capacity	56 fl. oz.	56 fl. oz.	56 fl. oz.	56 fl. oz.
Weight	64 lbs.	63 lbs.	64 lbs.	65 lbs.

**Irri-Torq™ Series Features**

- High torque center drive.
- Carburized gears for higher strength.
- Two-stage efficient helical gear reduction.
- Large low speed gear for higher torque.
- TI® Klixon® thermal protector.
- CSA and CE approved motor.
- Universal mounting pattern.



<b>Omni Stators</b>	
Part #	Description
79078	Stator, 3/4 hp
79079	Stator, 1 hp
79094	Stator, 1.5 hp

**Specifications C56 Helical Gearbox Only**

Same as above except less motor & w/ C56 adapter.

Category	Description		
	610530H	610540H	610590H
Gearbox Ratio	30:1	40:1	90:1
Torque Capacity	8,700 lb.-in.	10,000 lb.-in.	12,000 lb.-in.
Oil Capacity	56 fl. oz.	56 fl. oz.	56 fl. oz.
Weight	35 lbs.	35 lbs.	35 lbs.