



# HEAVY-DUTY DIAMOND CORING MOTORS

## SHEAR PIN MODELS

4079  
4090  
4094



- **SHEAR PIN PROTECTION**  
Protects gears and motor against overload. Shear Pins easily replaced. Extra pins included with each unit.



## CLUTCH MODELS


4004  
4005  
4096  
4097-20



- **CLUTCH PROTECTION**  
Protects gears and motor against overload. Set to specifications at factory, no adjustment necessary.



## TWO SPEED DYMODRILL MOTORS FOR USE WITH VAC-U-RIG® AND DYMORIG DIAMOND CORING RIGS

- For Diamond Coring In Reinforced Concrete, Tile, Masonry or Natural Stone
- Dual Torque/Speed Ranges
- All Ball And Roller Bearings
- Triple Reduction Gearing On All Models
- Built-In Water Swivel On All Models
- Cord Equipped With 20.0 Amp Twist Lock Plug; NEMA Plug  Type L5-20P

## SPECIFICATIONS

Suggested diameters listed on specific models are for maximum coring efficiency in medium aggregate. Speeds must be adjusted for material conditions.

### 20.0 AMP MODELS

High performance design provides 4.8 maximum horsepower. Increased power maintains higher coring speed and produces higher torque for maximum core drilling production.

CATALOG NUMBER	VOLTS AC	AMPS	SPINDLE	MOTOR PROTECTION	RPM	SUGG. DIA. IN MEDIUM AGGREGATE	NET WGT. LBS.	SHIP WGT. LBS.
4004	120	20.0*	1-1/4"-7"	CLUTCH	300 600	7"-14" 4"-7"	24.0	31.0
4096	120	20.0*	1-1/4"-7"	CLUTCH	450 900	6"-10" 2"-6"	24.0	31.0
4005	120	20.0*	1-1/4"-7"	CLUTCH	600 1200	4"-7" 3/4"-4"	24.0	31.0
4079	120	20.0*	1-1/4"-7"	SHEAR PIN	300 600	7"-14" 4"-7"	24.0	31.0
4094	120	20.0*	1-1/4"-7"	SHEAR PIN	450 900	6"-10" 2"-6"	24.0	31.0

### 15.0 AMP MODELS

Cost effective, heavy-duty power. Lower current draw of 15.0 amp motor provides core drilling power where 20 amp service is unavailable.

CATALOG NUMBER	VOLTS AC	AMPS	SPINDLE	MOTOR PROTECTION	RPM	SUGG. DIA. IN MEDIUM AGGREGATE	NET WGT. LBS.	SHIP WGT. LBS.
4097-20	120	15.0*	1-1/4"-7"	CLUTCH	500 1000	3"-5" 1-1/4"-3"	26.0	30.0
4090	120	15.0*	1-1/4"-7"	SHEAR PIN	375 750	5"-8" 2-1/2"-5"	26.0	30.0

\*Cord Equipped With 20 Amp Twist Lock Plug; NEMA Plug Type L5-20P.

**STANDARD EQUIPMENT: All Models Include:** Built-in Water Swivel, Adapter To Receive Standard Water Hose, Water Control Valve And Open End Wrench For Holding Output Spindle While Removing Bits. **Shear Pin Models:** Same As Above, Plus Six Extra No. 44-60-0032 Hardened Shear Pins.

## ACCESSORIES

### HARDENED SHEAR PIN

44-60-0032 Standard Equipment

### TYPE "J" GREASE FOR ALL TWO SPEED MODELS

49-08-4220 1 lb. can

### 1-3/8" OPEN END WRENCH

49-96-4700

### 3/16" SOCKET WRENCH

49-96-0085 For mounting DYMODRILLS to cradle of VAC-U-RIG.

### SPACER WITH KEY

49-67-0050

For rigs Nos. 4114, 4119 and 4104 only. Allows use of bits through 10" diameter. Spacer 1" thick, fits between cradle of Rig and Drill. Four mounting screws are included.