

# DIRECT DRIVE

# AIR COMPRESSOR



- **Intelligent Microcomputer Control System:**  
Provides advanced automation and precise control for efficient compressor operation.
- **Large, Low-Speed Air-End:** Ensures optimized performance with enhanced durability and efficiency.
- **Low Vibration and Noise:** Operates quietly with minimal vibration, eliminating the need for a foundation and allowing easy mobility.
- **User-Friendly Operation:** Designed for automatic operation, requiring minimal supervision or manual intervention.



MODEL: HD50

ITEM	TECHNICAL PARAMETERS		
	HD50	HD50	HD50
MODEL	HD50	HD50	HD50
POWER	37 KW (50HP)		
F.A.D	219 CFM	185 CFM	176 CFM
MEDIUM	AIR		
RATED PRESSURE	116 PSI	145 PSI	181 PSI
COOLING METHOD	AIR-COOLED		
TRANSMISSION METHOD	DIRECT DRIVE		
AIR DISCHARGE TEMPERATURE	AMBIENT TEMPERATURE +59°F		
CONTROL MODE	MICROCOMPUTER CONTROL SYSTEM		
START MODE	Y-△ START		
AIR INLET TEMPERATURE	~114°F		
AMBIENT TEMPERATURE	23-113°F		
AIR INLET PRESSURE	14.7 PSI		
MOTOR ROTATION SPEED	3540 R/MIN		
MOTOR PROTECTION LEVEL	IP55		
MOTOR INSULATION LEVEL	F LEVEL		
MOTOR SERVICE FACTOR	1.2		
POWER SUPPLY	230/460v-60Hz-3PH		
MAXIMUM RELATIVE HUMIDITY	0.95		
AIR OUTLET CONNECTION	1.5"		
DIMENSION	59x40x53		
NET WEIGHT	1455 LBS		
NOISE LEVEL	72±2dB (A)		