

ACDF4 220V/50HZ-1P

DD, VSD, OIL COOLED SCREW COMPRESSORS

Technical Parameter

RATED PRESSURE 8 / 10 BAR	ACTUAL TEST AIR FLOW 0.41 / 0.37 / 0.31 m³/min	RATED POWER 4 / 3 HP/kW	AIR TANK 160 L
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GENERAL SPECIFICATIONS

DESCRIPTION	UNIT	TECHNICAL PARAMETER
MODEL		ACDF4
RATED PRESSURE	MPa	0.7 / 0.8 / 1.0
ACTUAL TEST AIR FLOW	m ³ /min	0.41 / 0.37 / 0.31
COOLING MODE		Oil cooling
ENVIRONMENT TEMPERATURE	°C	0~40°C
COMPRESSION STAGE		Single stage
EXHAUST OIL CONTENT	ppm	≤3
NOISE ±2	dB (A)	≤70
OUTLET PIPE DIAMETER		Rp 3/4
DRIVING MODE		Air end and motor are integrated
OIL VOLUME	L	3L
OIL MODEL		46#
FAN POWER	kW	0.055
FAN AIR FLOW	m ³ /h	880

COMPRESSOR SUCTION STATUS

DESCRIPTION	UNIT	TECHNICAL PARAMETER
TEMPERATURE	°C	Normal atmospheric temperature
PRESSURE	MPa	0.1033
RELATIVE HUMIDITY		60%

MOTOR

DESCRIPTION	UNIT	TECHNICAL PARAMETER
RATED POWER	HP/kW	4/3
SPEED	rpm	7bar:1900 ; 8bar:1800 ; 10bar:1600
START METHOD		VFD start (Variable Speed Drive)
VOLTAGE / FREQUENCY	V / Hz	7bar: 220/ 95 ; 8bar:220/ 90 ; 10bar:220/ 80
PROTECTION GRADE		IP65
insulation grade INSULATION GRADE		F
SERVICE CODE		1.2
COOLING		Oil cooling

CONNECTION & DIMENSIONS

DESCRIPTION	UNIT	TECHNICAL PARAMETER
CONNECTION MOTOR TO SCREW PART / DRIVE		Direct drive (DD)
DIMENSIONS L ×W×H	mm	1130 X 560 X 1195
WEIGHT	kg	170
AIR TANK	L	160

FAD DELIVERY — PRESSURE–FLOW CHARACTERISTIC CURVE

Rated pressure (bar)	7	8	10
Actual test air flow	0.41 m ³ /min 410 L/min	0.37 m ³ /min 370 L/min	0.31 m ³ /min 310 L/min

