

CC1004 Contra Rotating /Vane Axial Fan General Specifications



63 Christable Way
Landsdale 6065
Western Australia
Tel: +61 8 9249 9022
Fax: +61 8 9249 9126
website: www.clemcorp.com.au
email: sales@clemcorp.com.au
ABN: 54 115 959 683

- 45kW or 37kW Motor Sizes
- Bolt on Aluminium Blades to Fully Cast Aluminium Hub
- 1005mm Diameter Casing

FAN GENERAL SPECIFICATIONS

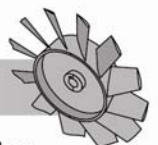
MODEL: CC1004 Two-Stage Contra-Rotating

FAN INTERNAL DIAMETER: 1005mm

POWER: 2x45kW, 2x37kW, 1x45kW, 1x37kW



Figure 1 - CC1004 2x45kW Contra-Rotating Axial Fan c/w Pre-Terminated Leads, Silencers, Inlet Cone and Duct Adapter



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MOTOR SPECIFICATIONS:

POWER	2x45kW, 2x37kW, 1x45kW, 1x37kW
VOLTAGE	1000V 3-Phase (415V 3-Phase Available on Request)
FREQUENCY	50Hz
POLES	4
SPEED	1485rpm
FRAME	TECO AEEB TEFC 225MC, 225SC
MOUNTING	Foot
LEADS	1m Extended (including earth)
TERMINAL BOX	Located on Fan Casing
TERMINAL BOX PROTECTION	Steel guard around box with access to leads
PLATE GASKET	Located on Motor Housing
WATERPROOFING	All motor connections sealed with silicon
MOTOR NAME PLATE (2)	Located on motor and on terminal box guard

FAN SPECIFICATIONS:

INTERNAL DIAMETER	1005mm
CASING THICKNESS	5mm
BLADE MATERIAL	Aluminium Alloy
FLANGE O.D.	1093mm
FLANGE P.C.D.	1047mm
FLANGE THICKNESS	8mm
NO. OF HOLES	16
HOLE DIAMETER	14mm
HOLE ORIENTATION	Off-Set
LIFTING FLANGE	Four 40mm Holes in Flange
SERIAL NUMBERS	Painted on Casing in Four Locations
AIRFLOW AND ROTOR DIRECTION	Polycarbonate Arrows on Casing
COLOUR	Galvanised Silver (Paint Finish Available on Request)

COMMENTS:

Medium Sized Development Fan.
Used for Ventilating Development Headings and Ore Drives.

