

[www.PetroRigs.com](http://www.PetroRigs.com)



[www.PetroRigs.com](http://www.PetroRigs.com)





[www.PetroRigs.com](http://www.PetroRigs.com)

**Ingersoll-Rand®**

**Centac**

**2**



[www.PetroRigs.com](http://www.PetroRigs.com)

[www.PetroRigs.com](http://www.PetroRigs.com)





[www.PetroRigs.com](http://www.PetroRigs.com)



[www.PetroRigs.com](http://www.PetroRigs.com)

[www.PetroRigs.com](http://www.PetroRigs.com)





[www.PetroRigs.com](http://www.PetroRigs.com)

# CENTAC TECHTROL GOLD III



For additional information, see your employer and consult the Material Safety Data Sheet for this product.  
**NOTICE!** For use in centrifugal compressors requiring ISO 32 coolant only. Not recommended for use in reciprocating compressors. Exposure to heat in excess of the compressor manufacturer's recommended operating temperature range may generate fumes requiring respiratory protection.

**PART NO. 1X35894**  
**CCN: 68140490**  
**NET WT. : 204 kg / 450 lb**  
**CONTENTS : 208 L / 55 gal**

**Ingredient(s):**  
Proprietary blend containing a polyomegaalkylene glycol, a polyerythritol ester, and other components

**DISPOSAL:**  
**CONTENTS: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.** All disposal methods pertain only to the product as shipped and must be in compliance with all federal, state/provincial and local laws and regulations. Waste characterization and compliance with applicable laws are the responsibility solely of the waste generator. **FCM UNUSED AND UNCONTAMINATED PRODUCT.** The preferred option(s) include sending to a licensed permitted recycler, reclaimer, incinerator or other thermal destruction device.

**CONTAINER: DO NOT REUSE CONTAINER.** Crush and dispose of empty container in compliance with federal, state/provincial and local laws and regulations.

**WARRANTY:** NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE. Liability for consequential or incidental damages, whether based on warranty or negligence or otherwise is expressly disclaimed. Buyer's sole remedy shall be refund or replacement.

801 54877-11 425303P 08/31/01 TFC

MANUFACTURED FOR  
**INGERSOLL-RAND COMPANY**  
8008 Beatty Street, Davidson, NC 28036  
1-704-896-4300  
VICINATE, ITALY 39-2-74056488  
**IN CASE OF EMERGENCY 24 HOURS:**  
INFOTRAC 1-800-535-5053  
©Trademark of INGERSOLL-RAND COMPANY

**CAUTION**  
DO NOT OPERATE UNLESS  
SAFETY GUARDS OR DEVICES  
ARE IN PLACE AND  
PROPERLY ADJUSTED

[www.PetroRigs.com](http://www.PetroRigs.com)



[www.PetroRigs.com](http://www.PetroRigs.com)

Ingersoll-Rand

Centac

1





[www.PetroRigs.com](http://www.PetroRigs.com)

1



### Centrifugal Compressor Data

**SAFETY INSTRUCTIONS**

READ MANUFACTURER'S INSTRUCTIONS BEFORE INSTALLING, OPERATING, OR DISMANTLING THIS UNIT.

MODEL	3000M3	YEAR	2005
SERIAL NO.	C12237	UNITS	125
INTAKE CAPACITY	NM3/M	BAR/A	0.99
INTAKE PRESSURE	BAR/A		6.1
DISCHARGE PRESSURE	RPM		2975
RATED SPEED	DEG. C		32
INTAKE TEMPERATURE			

[www.PetroRigs.com](http://www.PetroRigs.com)

INGERSOLL-RAND  
DAVIDSON, NORTH CAROLINA 28036  
WWW.AIR.INGERSOLL-RAND.COM 68243781 Rev. A



**Ingersoll-Rand**

**Centrifugal Compressor Data**

<b>SAFETY INSTRUCTIONS</b>	READ MANUFACTURER'S INSTRUCTIONS BEFORE INSTALLING, OPERATING, OR DISMANTLING THIS UNIT.
----------------------------	------------------------------------------------------------------------------------------

YEAR 2005

MODEL	C95050MX3	UNITS	DESIGN
SERIAL NO.	212638	MM3/M	125
INTAKE CAPACITY		BAR / A	2.89
INTAKE PRESSURE		RPM	1875
DISCHARGE PRESSURE		DEG. C	38
RATED SPEED			
INTAKE TEMPERATURE			

[www.PetroRigs.com](http://www.PetroRigs.com)

INGERSOLL-RAND  
 DAVIDSON, NORTH CAROLINA 28036  
 WWW.AIR.INGERSOLL-RAND.COM 68243791 Rev. A

2

1

3-PHASE INDUCTION MOTOR			
1000 HP	KW	TYPE	A5CK-S2024
		FRAME	460D
		ODP	
VOLTS	6000	IEC60034-1	DESIGN B
AMPS	82.9	AMB. TD °C	INS CL F
HZ	50	S.F.	1.15
RPM	2975	EFF.	96.2%
		PF	91.0%
BEARINGS RENK09-80/88-80			
SERIAL NO: D5A220-1		WEIGHT 3700 KGS	
DATE 2005			

TEC Westinghouse

3AC4RH3570003

[www.PetroRigs.com](http://www.PetroRigs.com)

**WARNING**  
TWO STARTS PER HOUR  
(COASTING TO REST BETWEEN STARTS)  
WITH THE MOTOR INITIALLY AT THE  
AMBIENT TEMPERATURE OR ONE START  
WITH THE MOTOR INITIALLY AT A  
TEMPERATURE NOT EXCEEDING ITS RATED  
LOAD OPERATING TEMPERATURE.



**LUBRICATION**  
1 OIL VISCOSITY 68 OIL  
2 OIL QUANTITY DRIVE END 2  
3 OIL QUANTITY DRIVE END 1  
4 OIL QUANTITY DRIVE END 1  
5 OIL QUANTITY DRIVE END 1  
6 OIL QUANTITY DRIVE END 1  
7 OIL QUANTITY DRIVE END 1  
8 OIL QUANTITY DRIVE END 1  
9 OIL QUANTITY DRIVE END 1  
10 OIL QUANTITY DRIVE END 1

# 3-PHASE INDUCTION MOTOR

1000 HP	kW	TYPE ASCK-S2024
		FRAME 450D ODP
VOLTS 6000		IEC60034-1 DESIGN B
AMPS 82.9		AMB. 40 °C INS. CL. F.
Hz 50		S.F. 15 RATING CONT.
RPM 2975		EFF. 95.2% PF 91.0%
BEARINGS RENK9S 80 9S-80		
SERIAL NO. D5A220		WEIGHT 3700 KGS
DATE 2005		

3A045H3970003

**TECO**  **Westinghouse**

2

## WARNING

### NUMBER OF STARTS

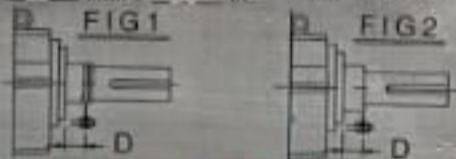
TWO STARTS IN SUCCESSION  
(COASTING TO REST BETWEEN STARTS)  
WITH THE MOTOR INITIALLY AT THE  
AMBIENT TEMPERATURE OR ONE START  
WITH THE MOTOR INITIALLY AT A  
LOAD OPERATING TEMPERATURE

3A015D349

[www.PetroRigs.com](http://www.PetroRigs.com)

## ROTOR END PLAY LIMITS

- COUPLING MUST LIMIT END PLAY TO 4.8mm (0.19in.) TOTAL.
- ROTOR IS AT MAGNETIC CENTER. WHEN CENTER OF GROOVE (FIG1) OR SHAFT SHOULDER (FIG2) ALIGNS WITH POINTER, THE DIMENSION FROM POINTER TO FIRST NEAREST STATIONARY PLANE PERPENDICULAR TO AXIS OF SHAFT IS



## LUBRICATION

- OIL VISCOSITY ISO-VG  TURBINE OIL
- OIL QUANTITY DRIVE END  OPP. DRIVE END
- OIL RENEWED PERIOD  
720 hrs AT FIRST AND EVERY 2000hrs LATER
- IF THE MOTOR DOESN'T OPERATE OVER THAN 3 MONTHS THE BRGS MUST BE LUBRICATED AGAIN WITH SOME OIL BEFORE STARTING THE MOTOR
- MAX. SHAFT ALLOWABLE FLOATING





**IR Ingersoll Rand**  
Centrifugal Compressor Division  
800 - B Beaty Street  
Davidson, NC, 28036  
Parts Service: (800) 526 - 3615

[www.PetroRigs.com](http://www.PetroRigs.com)

[www.PetroRigs.com](http://www.PetroRigs.com)

2