



Unused Compressors & Generators For Sale



These centrifugal barrel-type turbocompressors are suitable for a wide range of process gases.

COMPRESSORS (Items 106119 & 106120)

- 2 Unused Siemens Type STC-SV Centrifugal Compressors
- ACFM: 2961
- PS: 166 PSIA
- PD: 1307 PSIA
- Ratio: 7.87
- HP: 7031
- RPM: 10925
- Intended Svc: Natural Gas
- MOL Wt: 18.52
- Nozzle Orientation: Upwards
- Inlet Size 14" & 10"
- Discharge Size: 8"&6"
- Driver Type: None



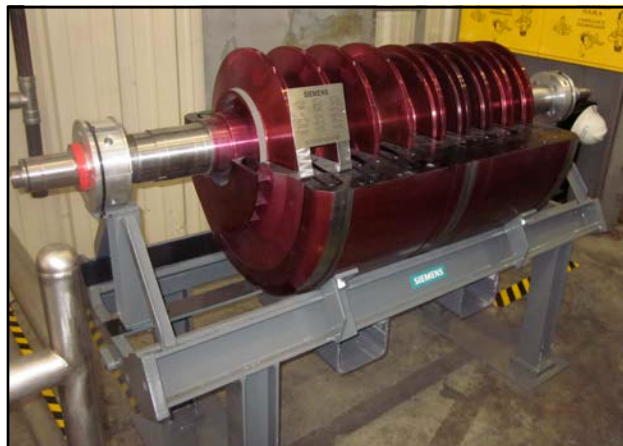
COMPRESSORS (Items 106117 & 106118)

- 2 Unused Siemens Type STC-SV Centrifugal Compressors
- ACFM: 284
- PS: 1,263 PSIA
- PD: 2,514 PSIA
- Ratio: 2.0
- HP: 1833
- RPM 10925
- Intended Svc: Natural Gas
- MOL Wt: 16.87
- Inlet Size: 8"
- Discharge Size: 4"
- Driver Type: None



FIELDS OF APPLICATION:

- Petrochemical Plants
- Methanol Plants
- Refineries
- Fertilizers
- Oil and Gas Industry (on/offshore); compression solutions for:
 - Natural Gas (e.g. gas transmission/gas pipelines)
 - Liquified Natural Gas
 - FPSOs
 - Boil Off Gas (BOG)
 - End Flash Gas (EFG)
 - Fluid Catalytic Cracking (FCC) / Wet Gas
 - Sour Gas (gas gathering, gas/oil separation)



GENERATORS (Items 106115 & 106116)

- 2 Unused Converteam Synchronous AC Generators



SYNCHRONOUS A.C. GENERATOR			
Output 10400 kVA	Rev./min. 1800	Poles 4	
V 4160 A 1443	P.F 0.8	Hz 60	Phase 3
Spec'n IEC60034			
Insul. Cl F	Max Overspeed rev/min 2160		
Rating S1 (CONT) - Class B	Amb 50 °C		
Exc'n BRUSHLESS	Altitude 1000m		
I.P. 56.	I.C. 6A1A6	Cooling Temp. 15°C	
Conns. STAR + NEUTRAL			
Purchase Specification Number: 76/01080160/1			
Frame A118W4		No. UK.C.Y.20179.01.40.02	
Year 2012		Mass. 22080 kg	
CONVERTEAM LTD Electrical Machines Rugby, England. Made in U.K.			

ELECTRICAL DATA

N.B. Electrical Performance Figures are subject to tolerances. (Reactances ±15%. Time constants and pu. resistances ±30% and Ohmic resistances ±10 %.)									
Rated Output		Rating Temp.	PF(cosφ)	Poles	Phases	Voltage	Current	Frequency	Speed
KVA	KW	°C				Volts	Amps	Hz	RPM
10400	8320	15	0.8	4	3	4160	1444	60	1800
Stator Winding Configuration :-			Star		Governing Standard :-			IEC 60034	
Ambient Temperature Range :-			-6.5 to 50°C		Max. Operating Altitude :-			<1000m	
Total Temperature Rises to Class :-			B		Insulation Class :-			F	
Max. Stator Operating Temp.			125°C		Max. Field Operating Temp.			120°C	
Short circuit ratio SCR			0.396		Inertia constant H (MJ/MVA) Generator only			0.54	
Maximum Voltage Distortion (%)			THD < 5%		Telephone Influence Factor			< 100 Balanced	

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