



REGOMS PRODUCT DATASHEET

ZONE 2 190 CFM AIR COMPRESSOR

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Model Number: RG190-ACZ2 Serial Number: RGAC-0321-01



FOR ILLUSTRATION PURPOSES ONLY

SPECIFICATION	DESCRIPTION
GENERAL	<ul style="list-style-type: none"> ❖ Brand: Atlas Copco ❖ Model: XAS 97 DD ❖ Working pressure: 7 barg ❖ FAD: 190 cfm ❖ Engine capacity: 36 kW ❖ Engine model: Deutz F3M 2011 ❖ Dimension: (2,200L x 1,250W x 1,600H) mm ❖ Pay Load: 970 kg ❖ Tare Mass: 530 kg ❖ Max. Gross Mass: 1,500 kg
LIFTING FRAME SPECIFICATION	<ul style="list-style-type: none"> ❖ DNV 2.7-1 or BS EN12079 certified offshore frame ❖ Certified sling and shackles ❖ 3 layers offshore painting specification

<p>COMPRESSOR ENGINE COMPONENT</p>	<ul style="list-style-type: none"> ❖ Exhaust gas cooler to comply with T3 (200deg C) temperature class requirement ❖ Oversized radiator with anti-static fan to cater cooling for exhaust gas cooler including piping ❖ Screw fitting original with oil dipstick type ❖ Air inlet flame arrestor ❖ Spark arrestor ❖ Anti-static fan belt
<p>PANEL SPECIFICATION (MECHANICAL TYPE)</p>	<ul style="list-style-type: none"> ❖ Hydromechanical type of panel with safety protection of automatic shutdown as follow: <ul style="list-style-type: none"> - Engine overspeed - Low lube oil pressure - High coolant water temperature - High exhaust temperature - High compressor element discharge temperature ❖ Emergency shutdown using stop lever
<p>INSTRUMENT (MECHANICAL TYPE)</p>	<ul style="list-style-type: none"> ❖ Amot hydromechanical type of oil pressure sensing valve ❖ Amot hydromechanical type of coolant temperature sensing valve ❖ Amot hydromechanical type of exhaust temperature sensing valve ❖ Amot hydromechanical type compressor discharge temperature sensing valve ❖ Amot hydromechanical type fuel valve ❖ Pyroban mechanical type air inlet valve ❖ Zone 2 rated tachometer/run hour meter
<p>STARTING SYSTEM</p>	<ul style="list-style-type: none"> ❖ Spring starter
<p>CERTIFICATION</p>	<ul style="list-style-type: none"> ❖ Declaration of conformity of the engine/ transmission/ electric installation assembly will be issued in compliance with ATEX Directive 2014/34/EU for Category 3G IIA T3 applications whichever applicable. ❖ DNV 2.7-1 offshore lifting frame certificate by DNV GL ❖ 3rd party certification from Bureau Veritas for Zone 2 compliance of portable air compressor

<p>ENGINEERING AND QUALITY DOCUMENTATION</p>	<ul style="list-style-type: none">❖ General arrangement drawing❖ Shop drawing including fabrication details and welding details.❖ Lifting arrangement drawing.❖ MDR for Submission of MDR including material mill certificate, WPS, PQR, WQT, load test certificate, MPI report, blasting & painting procedure and report, technical data for painting system, wire rope sling test certificate and anchor shackle test certificate.
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For a quotation and detailed pricing, please contact our sales team:

REGOMS Engineering (M) Sdn.

Bhd. No. 10-1, Jalan 13/48A, The
Boulevard Shop Office Sentul Raya,
Sentul Selatan, 51000 KL. WP.
Malaysia
Tel : +603 2858 2600
Email : sales1@regoms.com

REGOMS Australia Pty Ltd.

Level 1, 16, McDougall Street,
PO Box 1279, MILTON QLD 4064
Australia
M: +614 0008 4977
F: +617 3198 2401
E :sri@regoms.com
<https://www.regoms.com>

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