INDUSTRIALS GROUP

Reavell

Gardner Denver

HIGH PRESSURE SOLUTIONS



THE **PERFECT** START

Compact Air Start Compressors Designed for Integration

THE **FLYING** START



Reavell 5211

AIR START IS THE INTELLIGENT CHOICE FOR MANY DIESEL ENGINE APPLICATIONS. WITH MARKET-LEADING WEIGHT AND SPACE EFFICIENCY, REAVELL IS THE PERFECT SOLUTION FOR YOUR DIESEL ENGINE STARTING.

COMPACT, MAINTAINABLE, AND DESIGNED FOR INTEGRATION

Perfect your start with Reavell

PERFECT WITH PRESSURE

Building on a 120 year heritage, Reavell continues to maintain its position at the leading edge of compressed air technology. The engineers behind the first Scott-Reavell steam engine, patented in 1894, probably wouldn't recognise our current high pressure compressor range, but they would certainly identify with our relentless drive for technical excellence and quality customer service.

As part of the global Gardner Denver High Pressure Division, Reavell continually invests in research and development, with the goal of continuously improving the reliability and efficiency of our machines.

Our compact compressor solutions are designed to offer market leading, maximum output with minimum size and weight. They deliver unrivalled performance and peace of mind for customers operating in some of the world's most demanding environments - at sea, on land and underground.

EFFICIENCY BEGINS WITH AIR START

Reavell is a world renowned name in industrial and offshore compressor supply, and we have used our expertise to develop a range of air start compressors offering maximum output, with minimum size and weight.

What's more, our focus on ensuring maximum maintainability and ease of integration, along with the support you can expect from a global leader, ensure our compressors are a safe and dependable source of air. Delivering proven, effective engine starting, even in the most demanding environments also makes our compressors ideally suited for use in hazardous areas.

Offering an efficient, fast and reliable method of starting large diesel engines, air start is the intelligent choice for a wide range of applications and markets, including:

- Power Generation
- Marine
- Offshore
- Data Centres
- Hospitals
- Emergency Services





THE **POWERFUL** START

REAVELL AIR START COMPRESSORS OFFER BEST IN CLASS FOOTPRINT AND WEIGHT PER COMPRESSOR FLOWRATE FOR A WIDE RANGE OF APPLICATIONS, DELIVERING POWER WHEN YOU NEED IT MOST.

- A comprehensive range of both air and water cooled air start compressors.
- Suitable for all diesel applications, including power generation, marine, offshore and emergency services.
- Safe, reliable starting, even in the most extreme conditions.
- Space saving, 'small footprint', with more output per square metre.
- Easy installation, reduced maintenance, lower total cost of ownership.
- Global service and support network, as part of the Gardner Denver High Pressure Division.



SPACE SAVING, COST SAVING

With a wide choice of water and air cooled compressors, Reavell offers a high quality air start solution for every industrial diesel engine.

Whatever the technology, we aim to deliver the highest possible flow rate from the most compact equipment possible. Giving you more space for equipment or maintenance, and lower transportation and installation costs. For example, the Reavell 5209 provides 19% more air, but with a 25% smaller footprint and 29% less weight than competitor products – saving valuable space and improving accessibility.

In fact, with Reavell compressors, easy maintenance is built in. Across our range, critical operations such as valve servicing can be carried out with a single tool, and by removing just a single component. By eliminating unnecessary complexity, the cost of servicing is significantly reduced, equipment is up and running more quickly, and expensive downtime is minimised.

GREATER AIR OUTPUT FROM A 25% SMALLER FOOTPRINT THAN THE CLOSEST COMPETITOR

AIR COOLED

^ 5204

^ 5205

^ 5207



^ 5209

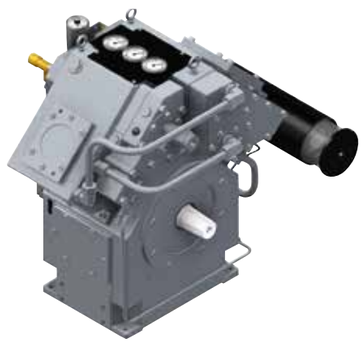


^ 5211

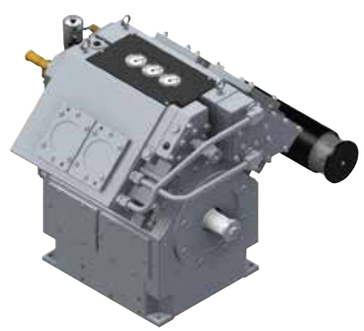


^ 5213

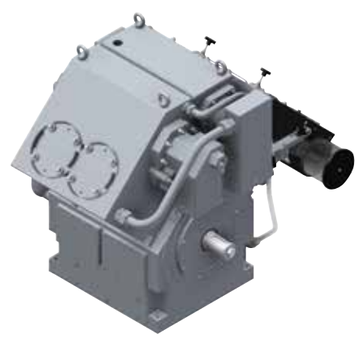
WATER COOLED



^ 5212



^ 5217



^ 5236

THE **COMPLETE** START

			BLOCK ONLY			MOTOR POWER AT MAXIMUM PERFORMANCE	SPEED		DELIVERY PRESSURE		DIRECT DRIVE						BELT DRIVE	
											50 Hz			60 Hz				
			Bare Shaft	Direct Drive Flywheel	Belt Drive Flywheel	kW	Min rpm	Max rpm	Min barG	Max barG	750 rpm	1000 rpm	1500 rpm	900 rpm	1200 rpm	1800 rpm	Min Speed	Max Speed
											Flow rate at maximum delivery pressure and specified nominal motor speed shown in m³/hr							
COMPRESSORS	AIR COOLED	5204	●	●	●	2.2	600	1500	16	40	3.4	4.6	6.9	4.1	5.5	-	2.8 >	6.9
		5205	●	●	●	4	600	1500	16	40	6.7	9.1	14.2	8.1	11.1	-	5.3 >	14.2
		5207	●	-	●	7.5	750	1700	16	40	-	-	-	-	-	-	11.8 >	24.3
		5209	●	●	●	11	1000	1800	16	40	-	24.3	34.7	22.1	28.6	40.4	24.3 >	40.4
		5211	●	●	●	15	750	1800	20	45	23.9	31.8	47.6	28.6	38.1	57.0	23.9 >	57.0
		5213	●	●	●	15	750	1800	16	31	26.3	35.2	53.1	31.7	42.4	64.0	26.3 >	64
	WATER COOLED	5212	●	●	●	15	750	1800	10	35	22.3	30.3	47.3	27.1	37.0	58.1	22.3 >	58.1
		5217	●	●	●	30	750	1800	10	40	49.8	67.4	103.8	60.3	81.7	126.6	49.8 >	126.6
		5236	●	●	●	75	750	1800	10	40	125.4	165.9	244.8	149.8	197.8	290.9	125.4 >	290.9

Standard document pack including GA, P&ID, Manual, Test Certificate and Certificate of Conformance.

3rd party hydrostatic and performance testing available on request.

All models suitable for industrial and marine use.

Condensate system available on all models.

Diesel engine drive available on all models.

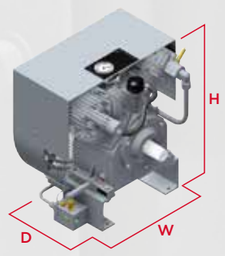
Water valve, water pump, air blast radiator and sea water heat exchanger available on water cooled models.

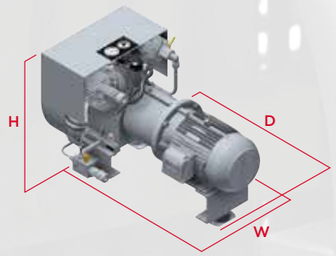
● AVAILABLE AS STANDARD

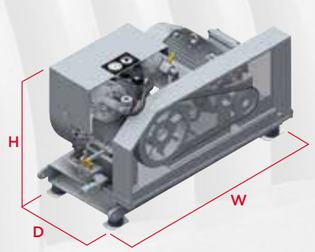
○ OPTIONAL EXTRA

▬ NOT AVAILABLE

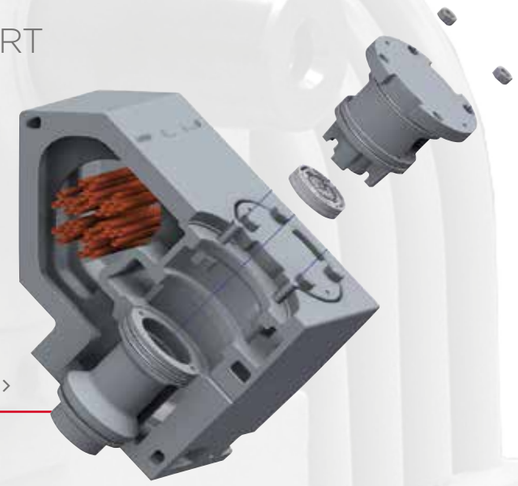
			NOMINAL DIMENSIONS											
			Bare Block				Direct Drive				Belt Drive			
			H (mm)	W (mm)	D (mm)	Mass (kg)	H (mm)	W (mm)	D (mm)	Mass (kg)	H (mm)	W (mm)	D (mm)	Mass (kg)
COMPRESSORS	AIR COOLED	5204	265	430	320	26	340	480	950	102	-	-	-	-
		5205	330	530	390	45	430	535	970	140	-	-	-	-
		5207	540	520	370	65	-	-	-	-	680	1025	540	275
		5209	540	520	470	86	595	625	1045	210	905	1200	625	300
		5211	750	635	500	125	825	860	1230	320	875	1430	760	420
		5213	750	635	500	118	810	660	1140	330	750	1280	800	420
	WATER COOLED	5212	770	850	645	380	770	860	1220	500	790	1310	715	630
		5217	810	860	810	464	770	860	1470	680	770	1290	870	731
		5236	1020	1230	990	1100	1050	1210	1800	1400	1065	1760	970	1400







COMPACT SIZE, OUTSTANDING POWER-TO-WEIGHT, AND LOW MAINTENANCE – REAVELL AIR START COMPRESSORS ARE SUPERBLY ENGINEERED FOR OUTSTANDING ALL-ROUND PERFORMANCE.



SINGLE TOOL VALVE REPLACEMENT >



THE **SPECIALIST** START

QUALITY - WHEN IT MATTERS MOST

At Reavell we aren't like other air start compressor manufacturers, we support specialist compressed air and gas requirements across industry, and that means we can offer you more.

All of our compressors are designed and manufactured in our factory in the UK, meaning we don't purchase 3rd party compressor components or sub-assemblies. Because we design and specify every component to our exacting standards we know the limits of our machines, and we are happy to take our air start compressors further than anyone else - whether it's explosive environments, sub-zero temperatures, or any other critical application, you can be sure that with a Reavell compressor, we've got you covered.

ATEX Certified

All compressor designs have been ATEX assessed, and can be supplied with ATEX certification and a temperature rating of T2

3.1 Material Certificates

For critical applications, 3.1 material certificates are available on pressure retaining parts across the range, giving complete material traceability

Operation Below 0°C Ambient

All compressors can operate at ambient temperatures down to -10oC, with sump heaters available on all models rated above 5 kW

REAVELL TRAINING DAYS

As a system integrator, supporting your customer's investment is a key aspect of your business, and with a Reavell compressor you can be sure you've got the edge over the competition.

Our compressors come with market leading service intervals up to 1,500 hours. We provide preventative maintenance kits designed to minimise costs, covering minor air end servicing right down to running gear overhauls - so not only will your machine run longer between services, but it will also keep on running long after the competition machines have been replaced.

		OIL CHANGE	MINOR 1	MINOR 2	MINOR 3	MINOR 4	MINOR 5	MAJOR
AIR COOLED	5205	HSK5398	HSK5401	HSK5428	HSK5436	-	-	HSK5444
	5207	HSK1503	HSK1619	HSK1627	-	-	-	HSK1643
	5209	HSK1503	HSK1619	HSK1635	-	-	-	HSK1651
	5211	HSK1503	HSK1708	HSK1732	-	-	-	HSK1740
	5213	HSK1503	HSK1708	HSK1716	-	-	-	HSK1724
WATER COOLED	5212	HSK5789	HSK2240	HSK6645	HSK5290	-	-	HSK5304
	5217	HSK2232	HSK2240	HSK2259	HSK2267	-	-	HSK2275
	5236	HSK2283	HSK2291	HSK2305	HSK2313	HSK2356	HSK2321	HSK2356

5204 and 5205 service interval 500 hours, other air cooled compressor service intervals 1,000 hours, watercooled compressor service intervals 1,500 hours

THE **SUPPORTIVE** START

REAVELL - YOUR SPECIALIST PARTNER

At Reavell we value our partners, and we know that every successful partnership is unique.

Speak to your local Reavell sales representative about the unique supply agreements we can offer to our air start partners.

OEM SUPPLY SPECIALISTS

Reavell have supplied high pressure piston compressors for over 100 years. And not only that, throughout our history we have offered solutions at every level of industry, supplying air ends to OEMs, semi complete packages to integrators, and complete turnkey packages to end users.

This unique position means we understand the market requirements at every level, and know the challenges faced by package designers. So our unique air start packages offer you the flexibility to develop a solution unique to your brand, but with all of the reliability of a premium air start machine built in - that's why all of our compressors can be delivered with extra or modified equipment to ensure they fit into your system as efficiently as possible.

What's more, our engineers have minimised the module footprint, giving you maximum freedom to ensure your package is lightweight, compact, and includes plenty of space for maintenance.

Speak to your local Reavell sales representative today to find out more about our range of world class air start packages.

FACTORY REFURBISHMENT CENTRE

Depending on the planned lifetime of your systems, replacing compressor units is not always a suitable option. Our factory refurbishment centre has supported key customers across industry and military applications for decades, so you can be sure that with Reavell – your total system will be supported for it's life.

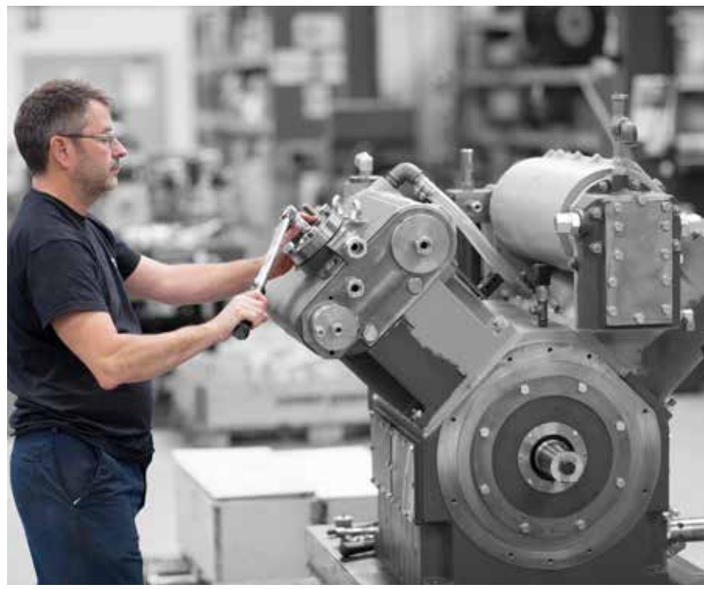
REAVELL TRAINING DAYS

At Reavell we're proud of our products - and we like to show them off!

Our range of factory training days cover everything from important health and safety considerations and breathing air basics right up to in depth machine maintenance training and market and application focussed sales training.

What's more, because we value our partners we can design a bespoke training course around your requirements. So whether it's sales training centered on technical features and USPs or hands-on maintenance training for your engineers, we can offer the course for you.

All supported by our brand new factory training centre, opened in 2017, and available at a time and place that suits you, speak to your local Reavell sales representative today to book your place.



Gardner Denver

HIGH PRESSURE SOLUTIONS

THE **PERFECT** START

Compact Air Start Compressors Designed for Integration

PERFECT WITH PRESSURE

Compact, maintainable, and designed for integration. Perfect your start with Reavell.

COMPACT FOOTPRINT

- Best in class footprint and weight per compressor flowrate.
- Greater air output from a 25% smaller footprint than the closest competitor.

MAXIMUM UPTIME

- Easy maintenance built in.
- Single tool valve replacement.

INDUSTRY LEADING EXPERTISE

- ATEX certified, 3.1 Material certificates, operation below 0°C ambient.

SPECIALIST SUPPORT

- Bespoke training packages.

oneair™

SINGLE SOURCE INDUSTRIAL AIR SOLUTIONS

For more than 155 years, Gardner Denver has been a leading global provider of compressors, blowers and vacuum pumps. OEMs and end-users from every corner of the world rely on us for their business solutions.

With global teamwork, strong customer focus, and vast application knowledge, our brands provide reliable, energy-efficient products that serve a wide range of manufacturing and process industries.

GARDNER DENVER REAVELL OFFER SOLUTIONS FOR:



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