

MADE IN ITALY



**POWER
SYSTEM**
AIR COMPRESSORS

Oil injected rotary
screw compressors with
direct drive transmission
from 5.5 kW to 15 kW

NOBEL 5.5-15

FIXED AND VARIABLE SPEED



NOBEL 5.5 - 15

Rotary screw compressors with direct drive transmission



New LOGIN controller

All NOBEL models are equipped with the new LOGIN electronic controller with touch-screen display. In addition to full control of all compressor functions, it also stores the data on a specific memory card, so as to manage multiple compressors (up to 8 units, even different types) and for remote control via SMS Device 2.0 that can be matched to the control unit.



High efficiency with maximum energy savings

Power System engineered Direct drive transmission. Optimised component technology. Utilisation of high efficiency motors, drive and inverter technology.



Quiet operation

The very low operating speed air-ends along with the use of radial cooling fans allows NOBEL series compressors to achieve the lowest noise levels in the sector, between 62 and 68 dB(A).



Simplified maintenance

All of the routine service components are located in the most convenient and easily accessible position.



Refrigerated dryer (optional)

Managed entirely from the Login controller and equipped with integrated inlet and outlet filters, to achieve clean, dry compressed air.



Compact design

The NOBEL series has been designed to offer maximum performance and highest reliability, in a compact space saving format.



Remote monitoring and preventive maintenance

The optional SMS 2.0 system allows the remote monitoring of the compressor and promptly informs the user or the assistance centre of the machine status, reporting any alarms or the need to perform maintenance operations.

Minimum pressure valve
Designed by Power System to guarantee low pressure losses and reduced energy consumption.

New LOGIN controller



Inverter

The latest generation inverter drive, allows for a controlled use of energy minimising CO₂ output and lowering energy costs.

Intake regulator

Designed 'in house' by Power System, guaranteeing high efficiency, reduced noise levels and the highest reliability.

A complete range of products: 2 cabinet sizes, more than 60 possible configurations, suitable for any specific application.

5.5-7.5 kW

- › Floor mounted
- › Floor mounted + integrated refrigerated dryer
- › Receiver mounted (with and without refrigerated dryer)
- › Fixed speed
- › Variable speed (only 7.5 kW model)

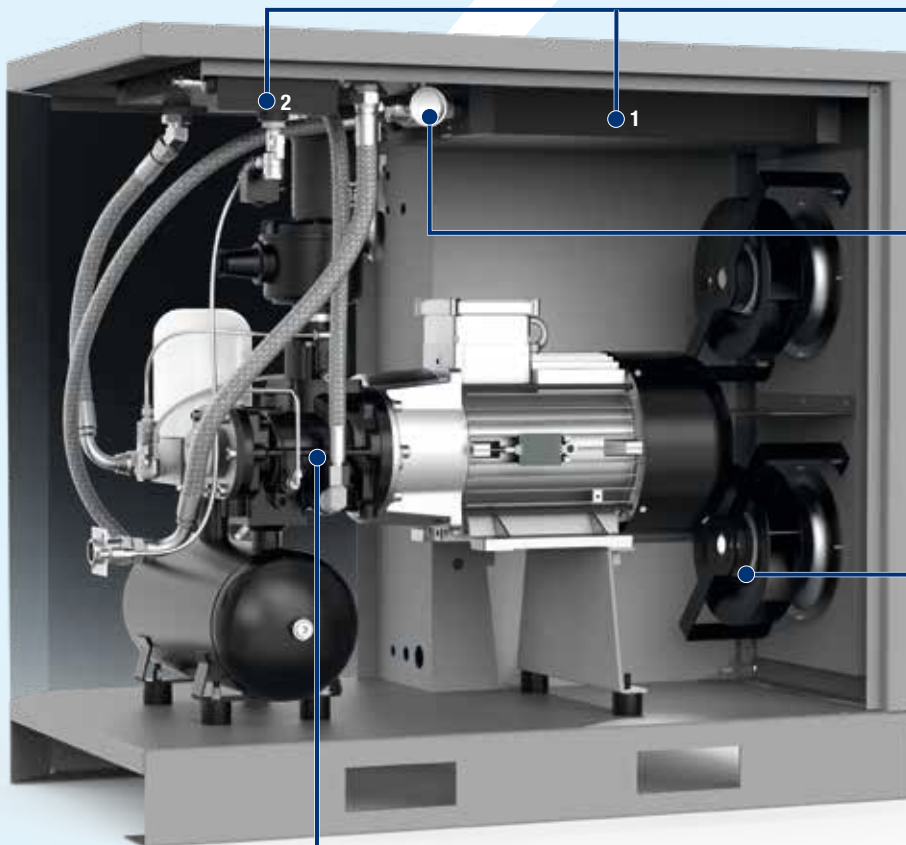
11-15 kW

- › Floor mounted
- › Floor mounted + integrated refrigerated dryer
- › Receiver mounted (with and without refrigerated dryer)
- › Fixed speed
- › Variable speed

Oil cooler ¹

separated from air cooler ²

With integrated and automated condensate drain, programmable from the Login controller.



Thermostatic valve

Controls the coolant flow avoiding sudden temperature changes and reduces the risk of condensation being formed.

Radial ventilation

Combines the highest cooling efficiency with reduced energy consumption and very low noise levels.

Direct drive transmission

Original Power System 1:1 design offering the highest efficiency and reliability.



"In-house" air-ends

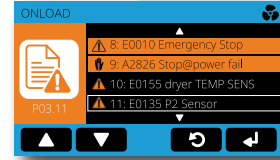
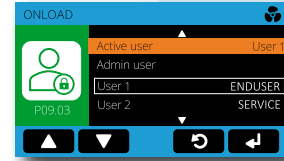
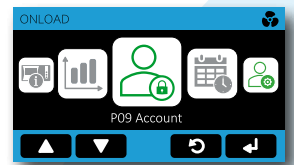
Power System air-ends are entirely designed and produced in our Italian factories and they are extremely reliable and efficient.



Efficiency that is always under control



The new 'Login' controller introduces new software capabilities to strengthen diagnostic functions, thereby guaranteeing excellent performance in all conditions. Login provides additional facilities including remote control and multi-compressor management.



Intelligent control

All of NOBEL's functions are entirely managed by the centralised Login electronic controller, which constantly monitors the compressors operation ensuring efficient and reliable operation of the machine in all conditions with customised functions to suit any application.

Always connected

During an irregular event within the machine, Login reports the presence of such and incident by creating an alert for the user, allowing for prompt operator intervention.

The integrated connectivity with remote monitoring (optional), makes it possible to obtain complete information on the compressor status remotely.

Compressor rotation management

Thanks to the "ISC" system it is possible to simultaneously connect up to 8 different compressors (at fixed and/or variable speed), with "master-slave" logic. The system can also be used with other compressors not equipped with Login by using the optional modules suitable for specific compressors.



Exclusive design

Italian design, functionality, simple to use and with the latest generation technology all come together with the innovative Login controller. The touch-screen display and the icon-based menu make it extremely intuitive and easy to use.



Memory card slot

Login features a memory card slot which can be used to store compressor data and configurations and to transfer them to another control unit.



Multilanguage management

It is possible to select the local language from any of the 20 pre-installed languages.



Remote control

Allows a complete remote monitoring of the compressor.



Multicolour display

All of the operational parameters are displayed on the large 4.3" colour screen which also displays graphs in real time (pressure, power, energy/time).



Designed for Industry 4.0

All of the data that you need

SMS 2.0

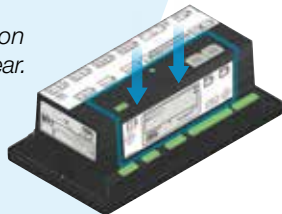
SMS 2.0 (Service Management System) is the innovative device (optional) to remotely access and perform preventive maintenance checks on any of the screw compressors fitted with a LOGIN controller.

Preventive and targeted maintenance

A LAN connection with Ethernet cable, SMS 2.0 allows e-mails to be sent automatically should an irregular event occur (up to 5 settable e-mail addresses). At the same time, it is possible to monitor the correct operation of the compressor and to check the scheduling for future maintenance interventions and checks.

SMS 2.0 is installed directly on the Login controller, at the rear.

CODE #005560002



Compressor remote control

- online compressor status control (view of temperature and pressure parameters);
- on/off control;
- view of events and alarms;
- view of remaining hours for maintenance;
- graphic view of analogue signals connected to the controller, in real time;
- no additional software is needed.



NOBEL DV: Maximum energy efficiency

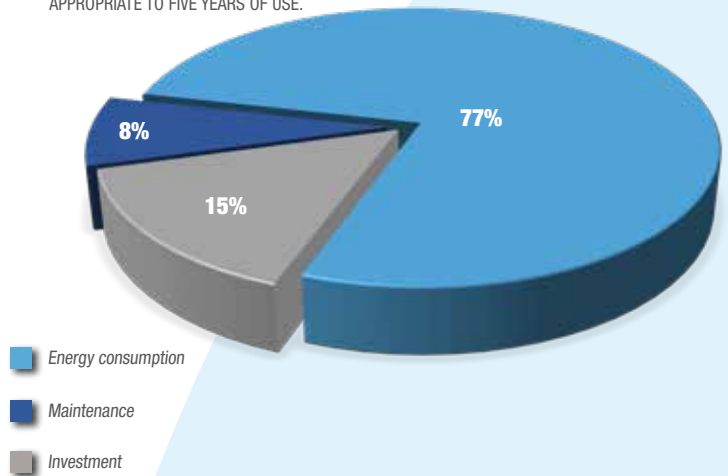
Variable speed with inverter drive

The reduction of energy consumption and the protection of our precious environmental resources is one of the major global challenges in our times.

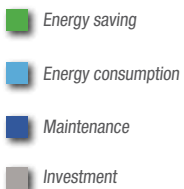
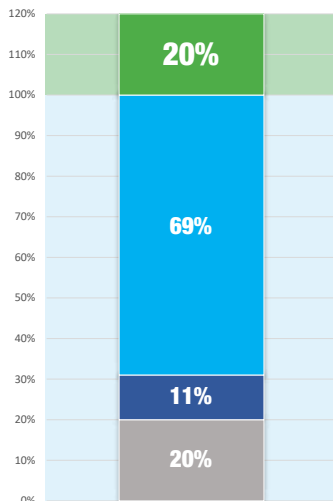
Thanks to decades of experience in the industry, Power System is recognised as a technological leader in the field of variable speed compressors, capable of guaranteeing high performance levels and efficient energy solutions.

The optimised frequency converter provides the capability to dynamically regulate the frequency, voltage and current values supplied to the main electric motor, constantly eliminating useless power drops, continuously adjusting the compressed air generation in line with the amount of compressed air that is required.

THE GRAPH INDICATES THE BREAKDOWN OF THE TOTAL COSTS DURING THE LIFE CYCLE OF A FIXED SPEED COMPRESSOR APPROPRIATE TO FIVE YEARS OF USE.



THE HISTOGRAM SHOWS THE BREAKDOWN OF THE TOTAL COSTS DURING THE LIFE CYCLE OF A NOBEL DV DURING 5 YEARS OF USE, COMPARED TO A FIXED SPEED COMPRESSOR WITH THE SAME POWER.



The calculation shown in the graphs is based on the energy analysis of a 11 kW NOBEL, considering 2000 hours of operation a year and an energy cost of about 0.17 €/kWh.



The benefits of using the NOBEL DV with inverter are remarkable:

- continuous control and regulation of the compressed air volume by varying the electric motor's speed from 100% up to 40% of the maximum speed.
- the generated compressed air is therefore constantly proportional to the system requirements;
- the pressure control inside the compressed air network is accurately and precisely controlled within a range between 6 and 10 bar, depending on the chosen compressor model.

Analyze your company's consumption to minimize energy waste

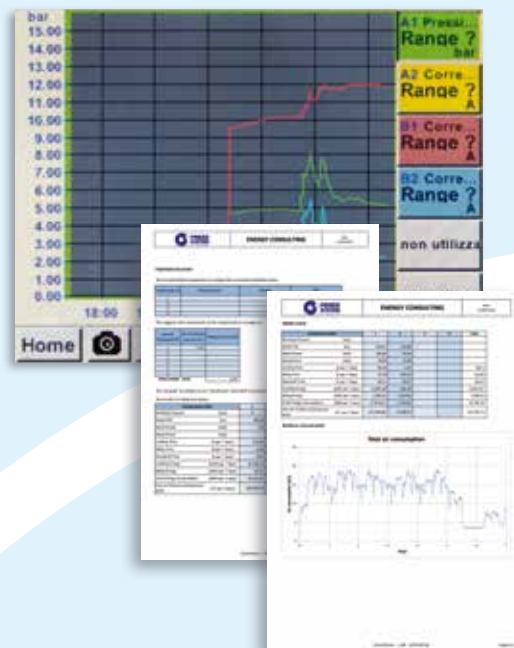
Compressed air is an essential resource in industrial applications, as well as one of the main sources of energy consumption. Energy costs are constantly increasing, therefore it is a fundamental need to monitor, analyse and reduce the energy consumption of the compressed air system. This not only applies for large companies, but equally for medium and small-sized facilities.

Why run an energy audit?

The energy efficiency of a compressed air system within a production facility, is a large influence on the company's entire production process, in terms of the potential for increased efficiency and reducing costs.

The energy audit is a process, that identifies potential efficiency improvements.

The report that we provide allows our customer to accurately identify the amount of energy being used and wasted, the energy that may be saved, along with suitable alternative equipment and controls to maximise energy efficiency, specific to the exact requirements and operational characteristics of the application.



EA 400

cod. 9062747

Ideal for compressors' rooms up to 3 units

- ▶ 4 analogue inputs:
 - 3 measuring clamps
 - 1 pressure sensor
- ▶ 1 extension for cables (10m long)
- ▶ 4.3" colour touch screen display

EA 500

cod. 9062748

Ideal for compressors' rooms up to 4 units

- ▶ 5 analogue inputs:
 - 4 measuring clamps
 - 1 pressure sensor
- ▶ 2 extensions for cables (10m long)
- ▶ 7" colour touch screen display

Our experience at your service

Thanks to the consolidated experience in the industrial sector, Power System can provide companies with a detection and analysis service for professional auditing (EATool).

Furthermore, with "Demo Login" it is possible to simulate compressor operation to provide immediate technical assistance remotely and/or use it as a tool to train maintenance technicians and installers on the full operation of the Login controller.

DEMO LOGIN

cod. 8101980

Ideal for technical assistance and training

- ▶ complete simulation of the functions of a compressor controlled from Login
- ▶ 3 potentiometers (pressure, oil temperature values, dryer temperature)
- ▶ 7 switches (alarm simulation and remote control)



Technical data

Nobel 5.5-15 kW FIXED SPEED



Code	Air receiver	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net Dimensions	Gross weight	Gross dimensions	
		ℓ	kW	HP	l/min.	m ³ /min.	c.f.m.	bar								p.s.i.
5.5 kW																
NOBEL 5.5-10	V60FZ92PWSA45	-	5.5	7	710	0.71	25	10	145	FS26	62	1/2"	170	885x700x850	184	940x770x1030
NOBEL 5.5-10-270	V91FZ92PWSA80	270	5.5	7	710	0.71	25	10	145	FS26	62	1/2"	240	1570x700x1440	283	1760x780x1680
NOBEL 5.5-10-270 DF	V91FZ92PWSB80	270	5.5	7	710	0.71	25	10	145	FS26	62	1/2"	280	1570x700x1440	323	1760x780x1680
7.5 kW																
NOBEL 7.5-10	V60CB92PWSA45	-	7.5	10	1050	1.05	37	10	145	FS26	62	1/2"	174	885x700x850	188	940x770x1030
NOBEL 7.5-13	V60CC92PWSA45	-	7.5	10	700	0.70	25	13	189	FS26	62	1/2"	174	885x700x850	188	940x770x1030
NOBEL 7.5-10 DF	V60CB92PWSB45	-	7.5	10	1050	1.05	37	10	145	FS26	62	1/2"	214	1235x700x850	234	1290x770x1030
NOBEL 7.5-10-270	V91CB92PWSA80	270	7.5	10	1050	1.05	37	10	145	FS26	62	1/2"	242	1570x700x1440	285	1760x780x1680
NOBEL 7.5-10-500	V83CB92PWSA80	500	7.5	10	1050	1.05	37	10	145	FS26	62	1/2"	300	2000x730x1520	340	2070x800x1700
NOBEL 7.5-10-270 DF	V91CB92PWSB80	270	7.5	10	1050	1.05	37	10	145	FS26	62	1/2"	282	1570x700x1440	325	1760x780x1680
NOBEL 7.5-10-500 DF	V83CB92PWSB80	500	7.5	10	1050	1.05	37	10	145	FS26	62	1/2"	340	2000x730x1520	380	2070x800x1700
11 kW																
NOBEL 11-08	V60CD92PWSA45	-	11	15	1700	1.70	60	8	116	FS50	67	3/4"	266	1100x750x1000	293	1240x850x1190
NOBEL 11-10	V60CE92PWSA45	-	11	15	1600	1.60	57	10	145	FS50	67	3/4"	266	1100x750x1000	293	1240x850x1190
NOBEL 11-13	V60CF92PWSA45	-	11	15	1250	1.25	44	13	189	FS50	67	3/4"	266	1100x750x1000	293	1240x850x1190
NOBEL 11-08 DF	V60CD92PWSB45	-	11	15	1700	1.70	60	8	116	FS50	67	3/4"	319	1450x750x1000	340	1510x810x1180
NOBEL 11-10 DF	V60CE92PWSB45	-	11	15	1600	1.60	57	10	145	FS50	67	3/4"	319	1450x750x1000	340	1510x810x1180
NOBEL 11-13 DF	V60CF92PWSB45	-	11	15	1250	1.25	44	13	189	FS50	67	3/4"	319	1450x750x1000	340	1510x810x1180
NOBEL 11-08-500	V83CD92PWSA80	500	11	15	1700	1.70	60	8	116	FS50	67	3/4"	387	2000x750x1670	428	2070x800x1850
NOBEL 11-10-500	V83CE92PWSA80	500	11	15	1600	1.60	57	10	145	FS50	67	3/4"	387	2000x750x1670	428	2070x800x1850
NOBEL 11-13-500	V83CF92PWSA80	500	11	15	1250	1.25	44	13	189	FS50	67	3/4"	387	2000x750x1670	428	2070x800x1850
NOBEL 11-08-500 DF	V83CD92PWSB80	500	11	15	1700	1.70	60	8	116	FS50	67	3/4"	440	2000x750x1670	481	2070x800x1850
NOBEL 11-10-500 DF	V83CE92PWSB80	500	11	15	1600	1.60	57	10	145	FS50	67	3/4"	440	2000x750x1670	481	2070x800x1850
NOBEL 11-13-500 DF	V83CF92PWSB80	500	11	15	1250	1.25	44	13	189	FS50	67	3/4"	471	2000x750x1670	512	2070x800x1850
15 kW																
NOBEL 15-10	V60CH92PWSA45	-	15	20	2100	2.10	74	10	145	FS50	67	3/4"	282	1100x750x1000	309	1240x850x1190
NOBEL 15-13	V60CL92PWSA45	-	15	20	1550	1.55	55	13	189	FS50	67	3/4"	282	1100x750x1000	309	1240x850x1190
NOBEL 15-10 DF	V60CH92PWSB45	-	15	20	2100	2.10	74	10	145	FS50	67	3/4"	335	1450x750x1000	356	1510x810x1180
NOBEL 15-13 DF	V60CL92PWSB45	-	15	20	1550	1.55	55	13	189	FS50	67	3/4"	335	1450x750x1000	356	1510x810x1180
NOBEL 15-10-500	V83CH92PWSA80	500	15	20	2100	2.10	74	10	145	FS50	67	3/4"	407	2000x750x1670	448	2070x800x1850
NOBEL 15-13-500	V83CL92PWSA80	500	15	20	1550	1.55	55	13	189	FS50	67	3/4"	438	2000x750x1670	479	2070x800x1850
NOBEL 15-10-500 DF	V83CH92PWSB80	500	15	20	2100	2.10	74	10	145	FS50	67	3/4"	460	2000x750x1670	501	2070x800x1850
NOBEL 15-13-500 DF	V83CL92PWSB80	500	15	20	1550	1.55	55	13	189	FS50	67	3/4"	491	2000x750x1670	532	2070x800x1850

DF = with refrigerated dryer with 3 micron inlet filter, 1 micron outlet filter and automatic condensate drain.
Reference conditions: air intake temperature 20°C (68°F) – atmospheric pressure 1 bar (14.5 p.s.i.).
Air flow was measured in the following operating pressure values: 8 bar for "08" models - 10 bar for "10" models - 13 bar for "13" models.
The data and results were measured in accordance with standard ISO 1217.
The sound level was measured in accordance with standard ISO 3744.



Code	Air receiver	Power		Air outflow rate (MIN. - MAX.)			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net Dimensions	Gross weight	Gross dimensions	
		ℓ	kW	HP	l/min.	m³/min.	c.f.m.	bar								p.s.i.
7.5 kW																
NOBEL 7.5-08 DV	V60CA97PWSA45	-	7.5	10	600-1300	0.60-1.30	21-46	8	116	FS26	63	1/2"	182	885x700x850	196	940x770x1030
NOBEL 7.5-10 DV	V60CB97PWSA45	-	7.5	10	500-1100	0.50-1.10	18-39	10	145	FS26	63	1/2"	182	885x700x850	196	940x770x1030
NOBEL 7.5-13 DV	V60CC97PWSA45	-	7.5	10	207-621	0.20-0.60	7-24	13	189	FS26	63	1/2"	182	885x700x850	196	940x770x1030
NOBEL 7.5-08 DVF	V60CA97PWSB45	-	7.5	10	600-1300	0.60-1.30	21-46	8	116	FS26	63	1/2"	222	1235x700x850	242	1290x770x1030
NOBEL 7.5-10 DVF	V60CB97PWSB45	-	7.5	10	500-1100	0.50-1.10	18-39	10	145	FS26	63	1/2"	222	1235x700x850	242	1290x770x1030
NOBEL 7.5-13 DVF	V60CC97PWSB45	-	7.5	10	207-621	0.20-0.60	7-24	13	189	FS26	63	1/2"	222	1235x700x850	242	1290x770x1030
NOBEL 7.5-08-270 DV	V91CA97PWSA80	270	7.5	10	600-1300	0.60-1.30	21-46	8	116	FS26	63	1/2"	250	1570x700x1440	293	1760x780x1680
NOBEL 7.5-10-270 DV	V91CB97PWSA80	270	7.5	10	500-1100	0.50-1.10	18-39	10	145	FS26	63	1/2"	250	1570x700x1440	293	1760x780x1680
NOBEL 7.5-13-270 DV	V91CC97PWSA80	270	7.5	10	207-621	0.20-0.60	7-24	13	189	FS26	63	1/2"	250	1570x700x1440	293	1760x780x1680
NOBEL 7.5-08-270 DVF	V91CA97PWSB80	270	7.5	10	600-1300	0.60-1.30	21-46	8	116	FS26	63	1/2"	290	1570x700x1440	333	1760x780x1680
NOBEL 7.5-10-270 DVF	V91CB97PWSB80	270	7.5	10	500-1100	0.50-1.10	18-39	10	145	FS26	63	1/2"	290	1570x700x1440	333	1760x780x1680
NOBEL 7.5-13-270 DVF	V91CC97PWSB80	270	7.5	10	207-621	0.20-0.60	7-24	13	189	FS26	63	1/2"	290	1570x700x1440	333	1760x780x1680
11 kW																
NOBEL 11-08 DV	V60CD97PWSA45	-	11	15	680-1700	0.68-1.70	24-60	8	116	FS50	67	3/4"	274	1100x750x1000	301	1240x850x1190
NOBEL 11-10 DV	V60CE97PWSA45	-	11	15	620-1580	0.62-1.58	22-56	10	145	FS50	67	3/4"	274	1100x750x1000	301	1240x850x1190
NOBEL 11-13 DV	V60CF97PWSA45	-	11	15	373-1250	0.37-1.25	13-44	13	189	FS50	67	3/4"	274	1100x750x1000	301	1240x850x1190
NOBEL 11-08 DVF	V60CD97PWSB45	-	11	15	680-1700	0.68-1.70	24-60	8	116	FS50	67	3/4"	327	1450x750x1000	348	1510x810x1180
NOBEL 11-10 DVF	V60CE97PWSB45	-	11	15	620-1580	0.62-1.58	22-56	10	145	FS50	67	3/4"	327	1450x750x1000	348	1510x810x1180
NOBEL 11-13 DVF	V60CF97PWSB45	-	11	15	373-1250	0.37-1.25	13-44	13	189	FS50	67	3/4"	327	1450x750x1000	348	1510x810x1180
NOBEL 11-08-500 DV	V83CD97PWSA80	500	11	15	680-1700	0.68-1.70	24-60	8	116	FS50	67	3/4"	395	2000x750x1670	436	2070x800x1850
NOBEL 11-10-500 DV	V83CE97PWSA80	500	11	15	620-1580	0.62-1.58	22-56	10	145	FS50	67	3/4"	395	2000x750x1670	436	2070x800x1850
NOBEL 11-13-500 DV	V83CF97PWSA80	500	11	15	373-1250	0.37-1.25	13-44	13	189	FS50	67	3/4"	395	2000x750x1670	436	2070x800x1850
NOBEL 11-08-500 DVF	V83CD97PWSB80	500	11	15	680-1700	0.68-1.70	24-60	8	116	FS50	67	3/4"	448	2000x750x1670	489	2070x800x1850
NOBEL 11-10-500 DVF	V83CE97PWSB80	500	11	15	620-1580	0.62-1.58	22-56	10	145	FS50	67	3/4"	448	2000x750x1670	489	2070x800x1850
NOBEL 11-13-500 DVF	V83CF97PWSB80	500	11	15	373-1250	0.37-1.25	13-44	13	189	FS50	67	3/4"	448	2000x750x1670	489	2070x800x1850
15 kW																
NOBEL 15-08 DV	V60CG97PWSA45	-	15	20	950-2500	0.95-2.50	34-88	8	116	FS50	68	3/4"	297	1100x750x1000	324	1240x850x1190
NOBEL 15-10 DV	V60CH97PWSA45	-	15	20	840-2100	0.84-2.10	30-74	10	145	FS50	68	3/4"	297	1100x750x1000	324	1240x850x1190
NOBEL 15-13 DV	V60CL97PWSA45	-	15	20	585-1600	0.59-1.60	21-57	13	189	FS50	68	3/4"	297	1100x750x1000	324	1240x850x1190
NOBEL 15-08 DVF	V60CG97PWSB45	-	15	20	950-2500	0.95-2.50	34-88	8	116	FS50	68	3/4"	350	1450x750x1000	371	1510x810x1180
NOBEL 15-10 DVF	V60CH97PWSB45	-	15	20	840-2100	0.84-2.10	30-74	10	145	FS50	68	3/4"	350	1450x750x1000	371	1510x810x1180
NOBEL 15-13 DVF	V60CL97PWSB45	-	15	20	585-1600	0.59-1.60	21-57	13	189	FS50	68	3/4"	350	1450x750x1000	371	1510x810x1180
NOBEL 15-08-500 DV	V83CG97PWSA80	500	15	20	950-2500	0.95-2.50	34-88	8	116	FS50	68	3/4"	422	2000x750x1670	463	2070x800x1850
NOBEL 15-10-500 DV	V83CH97PWSA80	500	15	20	840-2100	0.84-2.10	30-74	10	145	FS50	68	3/4"	422	2000x750x1670	463	2070x800x1850
NOBEL 15-13-500 DV	V83CL97PWSA80	500	15	20	585-1600	0.59-1.60	21-57	13	189	FS50	68	3/4"	422	2000x750x1670	463	2070x800x1850
NOBEL 15-08-500 DVF	V83CG97PWSB80	500	15	20	950-2500	0.95-2.50	34-88	8	116	FS50	68	3/4"	475	2000x750x1670	516	2070x800x1850
NOBEL 15-10-500 DVF	V83CH97PWSB80	500	15	20	840-2100	0.84-2.10	30-74	10	145	FS50	68	3/4"	475	2000x750x1670	516	2070x800x1850
NOBEL 15-13-500 DVF	V83CL97PWSB80	500	15	20	585-1600	0.59-1.60	21-57	13	189	FS50	68	3/4"	475	2000x750x1670	516	2070x800x1850

DV = variable speed.

DVF = variable speed with refrigerated dryer with 3 micron inlet filter, 1 micron outlet filter and automatic condensate drain.

Reference conditions: air intake temperature 20°C (68°F) – atmospheric pressure 1 bar (14.5 p.s.i.).

Air flow was measured in the following operating pressure values: 7.5 bar for "08" models - 9.5 bar for "10" models - 12.5 bar for "13" models.

The data and results were measured in accordance with standard ISO 1217.

The sound level was measured in accordance with standard ISO 3744.

Extend the life and efficiency of your compressor

In addition to offering the highest quality and technologically advanced products, Power System focuses its attention on customer care and full technical and product support, identifying our customer's needs and offering the most suitable solutions designed to work for them. This is thanks to a professional team, able to offer assistance over the phone/email, technical on-site consultancy, personalised quotations, maintenance programs, training programmes, etc.

The importance of original spare parts...

FSN is the brand of the original spare parts and after sales activities for all Power System compressors. FSN guarantees that the components are original and that they were carefully selected, checked and tested by skilled technicians.

Using FSN certified original spare parts reduces management costs and guarantees the efficiency, reliability and longevity of the compressor. Our "Hot-Line" service guarantees the delivery of urgent spare parts within twenty four hours from the order.

Long Life Kit for the scheduled maintenance of screw compressors

To make maintenance planning simple and in accordance with the recommendations, Power System has developed its "LONG LIFE SERVICE KITS", specifically created for all Power System screw compressor models. Using Long Life Kits ensures an extended service life, increased safety whilst ensuring maximum performance from the compressor.



Investment guaranteed up to 5 years! with the TRUST warranty extension

Power System believes so strongly in the quality and reliability of its compressors that we guarantee them for up to FIVE years! By choosing Trust it is possible to extend the standard warranty period by 3 or 5 years, through a complete preventive maintenance program.

There are many benefits: the customer can thereby avail of the qualified assistance of authorised technicians in complete safety, reducing the uncertainty of maintenance costs and foreseeing any downtime. Also, the use of original spare parts guaranteed by the FSN trademark will ensure that the compressor operates with maximum efficiency and for a longer service life.

The "Trust" warranty can be easily extended online through EasyConnect, the new Power System service portal specially created to simplify the customers experience by providing them with quick, clear responses about product availability, order tracking and shipping times.



...and specific lubricants

Mineral oil RotarECOFLUID 46 cSt

#600000020	1 x 3.8-litre can (3.3 kg)
#600000021	1 x 20-litre can (17.36 kg)
#600000022	1 x 200-litre drum (174 kg)

Formulated with high quality selected mineral oil, this lubricant offers optimal control of oxidation and residue deposits as well as an excellent level of thermal stability and oxidation to ensure the longevity of equipment and continued high performance.

Synthetic oil RotEnergyPlus 46 cSt

#600000018A	1 x 3.8-litre can (3.25 kg)
#60000007A	1 x 19-litre can (16 kg)
#600000012A	1 x 208-litre drum (181 kg)

Ensures quick water separation with reduced friction and energy consumption, provides long maintenance intervals and ensures excellent lubrication of the bearings while offering an excellent protection throughout.

Synthetic oil RotEnergyFood 46 cSt

#600000019A	1 x 3.9-litre can (3.25 kg)
#600000016A	1 x 19-litre can (18.5 kg)
#600000017A	1 x 208-litre drum (175 kg)

A high quality lubricant for rotary compressors, suitable for use in the food industry, where specific quality standards are required.

Our FSN mineral or synthetic based lubricants, are specifically designed for use on our screw compressors, supplied by world leading manufacturers. They are available in cans or drums in various sizes.

We recommend replacing the oil according to the interval reported in the handbook / maintenance manual of the compressor or once a year if sooner. We recommend using our original RotarECOFLUID mineral oils, or RotEnergyPlus and RotEnergyFood synthetic oils (OILS NOT INCLUDED IN LONG LIFE KITS).



FSN
ORIGINAL SPARE PARTS

You can download the Long Life Kit catalogues from www.powersystem.it and see the exploded diagrams and spare parts list online. These are continuously updated for each compressor model.

Since 1992 the POWER SYSTEM brand has been a worldwide leader in designing, developing, producing and distributing rotary screw compressors and piston compressors for professional and industrial use, with a power range between 1.5 and 315 kW, suitable for every technological sector, from large scale industry to small businesses. From the very beginning Power System's mission has been aimed at the constant search for advanced solutions to compress air with the lowest possible energy consumption.

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