

CE IE3



INDUSTRIAL RANGE



DBS 2.2-75 kW

BELT-DRIVEN ROTARY SCREW
COMPRESSORS
FIX AND VARIABLE SPEED



DARI offers a complete range of belt-driven rotary screw compressors, fix or variable speed, to satisfy every compressed air need, from small scale companies to big industries.





55 / 75 kW

page 20

45 / 55 kW

page 18

30 / 37 kW

page 16

18.5 / 22 kW

page 14

7.5 / 15 kW

page 12

4 / 5.5 kW

page 8

2.2 / 4 kW

page 6



Air-ends

High efficiency air-ends, entirely designed and manufactured in our factories in Italy.



Intake valve

100% designed and made in Italy.



Axial fan (7,5-75 kW models)

Supplies the optimum cooling air flow for the generously sized air/oil cooler: safe operation in any environmental condition with minimum noise level.



Minimum pressure valve

Built in house with oxide free material, fully machined. A sharp technical choice to grant maximum reliability in any operational conditions.

The range of DARI screw compressors is designed for industrial applications and offered with different power or technical set-up, depending on the customer's specific demands. All models in the range have the following benefits in common, which are typical of DARI screw technology:

■ High volumetric yield

The free air delivered from our hi-efficiency air-ends contributes to lower energy consumption and therefore significant savings.

■ Reliability

The low speed of the air-end guarantees minimal wear and long durability.

■ Suitable for intense and non-stop operation

24hrs without performance drop.

■ Low installation cost

The versions fitted with tank and dryer are ready for use, with no added cost of installation.

■ Low noise levels

This means the operator can install the compressor near the workstation.

■ Compact design means reduced dimensions

■ Easy maintenance

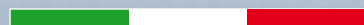
The DARI rotary screw compressors are built with special attention to facilitate the routine maintenance and accessibility of the internal components.

■ "IE3 Premium Efficiency" motors



The IE3 high efficiency motors, combined with our high performance air-ends, minimize the energy costs. Furthermore, the IE3 motors reduce CO₂ emissions: an important contribution to protecting the environment.

MADE IN ITALY



The entire manufacturing cycle is carried out in-house, ensuring our air-ends are 100% designed and made in Italy.

The advanced controllers fitted to the DBS range have been specifically developed to guarantee optimum monitoring and regulation of the compressors operation, allowing flexibility and full programming of the complete compressed air station for maximum efficiency and safety.

ETMII

Installed on models from 4 to 15 kW.

Controller with multi-function backlight display, the menu is alphanumeric type. The main screen display indicates:

- Working pressure (off load / load);
- Oil temperature;
- Total working hours;
- On-load working hours;
- Compressor status led (stand-by, off load, load);
- Hours remaining before maintenance.



- Four maintenance timers (air filter, oil, oil filter, oil separator).
- Automatic re-start after power failure (subject to safety conditions).
- Cooling fan temperature control.
- Compressor remote start facility.
- Integrated phase sequence relay.



ETIV

Installed on models from 18.5 to 75 kW.

Controller with multi-function backlight LCD graphic display, the menu is drop down type.

The display shows:

- Working pressure (off load / load);
- Oil temperature;
- Compressor status (stand-by, off load, load);
- Fan status (off / on);
- Date and time;
- Hours remaining before maintenance;
- Inverter use percentage.

■ Compressor rotation management for up to 4 units

It is possible to connect up to 4 compressors for managing distribution of the workload in such a way to equalize the hours but also changing set pressures of the various compressors for different times.

■ SMS Device (Service Management System)

SMS is the innovative device to allow the remote control of the compressor and to perform predictive maintenance available on screw compressors equipped with the latest ETIV controller. The device automatically sends an e-mail (up to 3 addresses to be defined during set-up) in case of an alarm and according to preset thresholds (every hour, every day, every week): this feature allows you to accurately schedule routine maintenance and to allow intervention in case of special maintenance or fault finding. Furthermore, you can have remote control from any device (tablet, smartphone, PC, notebook, etc.), via a web page, as long as it is connected to the same Internet network as the SMS device.

Predictive and targeted maintenance:

- automated e-mail in case of alarms,
- automated e-mail every hour / day / week.

Compressor remote control:

- access to the various menu levels (user, service),
- check the status of the compressor online,
- on/off control,
- no software to be installed.





FILTERS

Oil filter, oil separator filter (both spin-on type), and the air filter are quite large: this means long service intervals and lower costs.



CENTRIFUGAL FAN

Thermostatic controlled, it ensures ideal cooling, keeping the machine's noise level low.



AIR DRYER

Tank-mounted versions are also available with refrigerating dryer (ES), ready for instant operation without any additional effort.

DBS SE 2.2 - 3.0 - 4.0

ELECTROMECHANICAL

ON/OFF switch, easy to use: no idle running means considerable energy saving.

Features and main strenghts:

- Integrated phase sequence relay to check the air-end rotation's direction.
- Very compact design.
- Minimum energy consumption.
- Low noise level: 58-60 dB(A).
- The Poly-V belt drive ensures long service life and minimum maintenance.
- Independent ventilation.
- The machines are supplied ready for use: simply connect the compressor to the power supply and the distribution system to start work without any additional effort.
- Available with 200-lt tank and with dryer.





CONTROL SYSTEM

Pressure switch to control compressor fitted with pressure gauge and hour counter.



AIR-OIL CIRCUIT

All air-oil circuit hoses are made of rubber covered with a metal mesh resistant to high temperature.



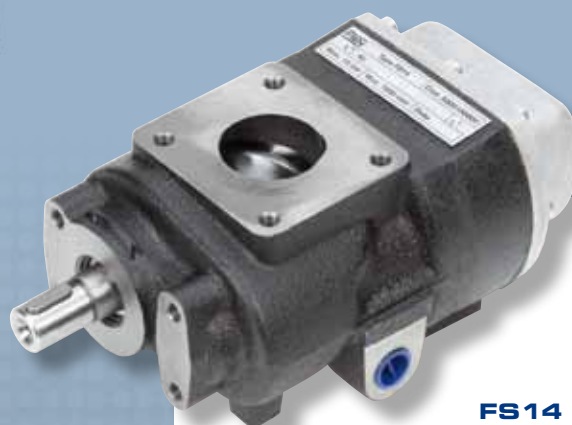
BALL VALVE

Tank-mounted models with ball valve for smooth condensate drain.



DRIVE

The Poly-V belt guarantees minimum maintenance and extended service lifetime.



FS14 AIR-END

Entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve.

- Simple maintenance: the internal mechanical parts are easily accessible to perform routine maintenance quickly and simply.



OIL FILTERS

Oil filter, oil separator filter (both spin-on type), and the air filter are quite large: this means long service intervals and lower costs.



CENTRIFUGAL FAN

Thermostatic controlled, it ensures ideal cooling, keeping the machine's noise level low.



AIR DRYER

Tank-mounted versions are also available with refrigerating dryer (ES), ready for instant operation without any additional effort.



DBS 4.0 - 5.5

ELECTRONIC

All functions of the compressor are controlled by the ETMII electronic controller.

Features and main strenghts:

- Integrated phase sequence relay to check the air-end rotation's direction.
- Very compact design.
- Minimun energy consumption.
- Low noise level: 60-64 dB(A).
- The Poly-V belt drive ensures long service life and minimum maintenance.
- Independent ventilation.
- The machines are supplied ready for use: simply connect the compressor to the power supply and the distribution system to start work without any additional effort.
- Tank-mounted models (200, 270 or 500-lt) with ball valve for smooth condensate drain.
- Available with dryer.

ETMII

It manages all compressor functions and enables the system's diagnosis; the display shows: working pressure, working/load hours, charge/idle running, oil temperature.



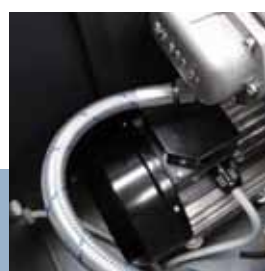
INTAKE REGULATOR

The electro-pneumatic system adjusts compressor working to guarantee minimum pressure when running idle and maximum saving upon start-up.



PRESSURE TRANSDUCER

The transducer guarantees an accurate and stable operation during the time. It allows direct modification of the working pressure from the electronic controller without any mechanical intervention.



AIR-OIL CIRCUIT

All air-oil circuit hoses are made of rubber covered with a metal mesh resistant to high temperature.



FS14 AIR-END

Entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve.

- Simple maintenance: the internal mechanical parts are easy to access, to perform routine maintenance quickly and simply.



Floor mounted
compressor



Compressor
+ 200 lt air receiver



Compressor
+ 200 lt air receiver + dryer

Model	Code	Air receiver	Power		Air delivery			Working pressure		Noise level	Conne- ction	Weight		Dimensions
		ℓ	kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)

Floor mounted compressor - Single-phase

DBS SE 2.2-10 M	V51JT60FDR071	–	2.2	3	240	14.4	8.5	10	145	58	1/2"	87	192	58 x 48 x 76
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Floor mounted compressor

DBS SE 2.2-08	V51JU72FDR071	–	2.2	3	325	19.5	11.5	8	116	58	1/2"	87	192	58 x 48 x 76
DBS SE 2.2-10	V51JT72FDR071	–	2.2	3	290	17.4	10.2	10	145	58	1/2"	87	192	58 x 48 x 76
DBS SE 3.0-08	V51JS72FDR071	–	3	4	430	25.8	15.2	8	116	59	1/2"	92	203	58 x 48 x 76
DBS SE 3.0-10	V51JQ72FDR071	–	3	4	385	23.1	13.6	10	145	59	1/2"	92	203	58 x 48 x 76
DBS SE 4.0-08	V51JR72FDR071	–	4	5.5	580	34.8	20.5	8	116	60	1/2"	93	205	58 x 48 x 76
DBS SE 4.0-10	V51JP72FDR071	–	4	5.5	485	29.1	17.1	10	145	60	1/2"	93	205	58 x 48 x 76

With air receiver - Single-phase

DBS SE 2.2-10 M - 200	V77JT60FDR071	200	2.2	3	240	14.4	8.5	10	145	58	1/2"	144	318	144 x 51 x 128
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With air receiver

DBS SE 2.2-08 - 200	V77JU72FDR071	200	2.2	3	325	19.5	11.5	8	116	58	1/2"	144	318	144 x 51 x 128
DBS SE 2.2-10 - 200	V77JT72FDR071	200	2.2	3	290	17.4	10.2	10	145	58	1/2"	144	318	144 x 51 x 128
DBS SE 3.0-08 - 200	V77JS72FDR071	200	3	4	430	25.8	15.2	8	116	59	1/2"	149	329	144 x 51 x 128
DBS SE 3.0-10 - 200	V77JQ72FDR071	200	3	4	385	23.1	13.6	10	145	59	1/2"	149	329	144 x 51 x 128
DBS SE 4.0-08 - 200	V77JR72FDR071	200	4	5.5	580	34.8	20.5	8	116	60	1/2"	150	332	144 x 51 x 128
DBS SE 4.0-10 - 200	V77JP72FDR071	200	4	5.5	485	29.1	17.1	10	145	60	1/2"	150	332	144 x 51 x 128

With air receiver and dryer

DBS SE 2.2-08 - 200 ES	V77JU72FDR171	200	2.2	3	325	19.5	11.5	8	116	58	1/2"	174	384	144 x 51 x 128
DBS SE 2.2-10 - 200 ES	V77JT72FDR171	200	2.2	3	290	17.4	10.2	10	145	58	1/2"	174	384	144 x 51 x 128
DBS SE 3.0-08 - 200 ES	V77JS72FDR171	200	3	4	430	25.8	15.2	8	116	59	1/2"	179	395	144 x 51 x 128
DBS SE 3.0-10 - 200 ES	V77JQ72FDR171	200	3	4	385	23.1	13.6	10	145	59	1/2"	179	395	144 x 51 x 128
DBS SE 4.0-08 - 200 ES	V77JR72FDR171	200	4	5.5	580	34.8	20.5	8	116	60	1/2"	180	397	144 x 51 x 128
DBS SE 4.0-10 - 200 ES	V77JP72FDR171	200	4	5.5	485	29.1	17.1	10	145	60	1/2"	180	397	144 x 51 x 128

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



Floor mounted
compressor



Compressor
+ 200 lt air receiver



Compressor
+ 270 lt air receiver + dryer

Model	Code	Air Receiver	Power		Air delivery			Working pressure		Noise level	Connection	Weight		Dimensions
		ℓ	kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)

Floor mounted compressor

DBS 4.0-08	V51JR92FDR071	—	4	5.5	580	34.8	20.5	8	116	60	1/2"	94	208	58 x 48 x 76
DBS 4.0-10	V51JP92FDR071	—	4	5.5	485	29.1	17.1	10	145	60	1/2"	94	208	58 x 48 x 76
DBS 4.0-13	V51JV92FDR071	—	4	5.5	330	19.8	11.6	13	188	60	1/2"	94	208	58 x 48 x 76
DBS 5.5-08	V51JW92FDR071	—	5.5	7.5	720	43.2	25.4	8	116	64	1/2"	125	276	60 x 52 x 78
DBS 5.5-10	V51JO92FDR071	—	5.5	7.5	650	39	22.9	10	145	64	1/2"	125	276	60 x 52 x 78
DBS 5.5-13	V51JM92FDR071	—	5.5	7.5	485	29.1	17.1	13	188	64	1/2"	125	276	60 x 52 x 78

With air receiver

DBS 4.0-08 - 200	V77JR92FDR071	200	4	5.5	580	34.8	20.5	8	116	60	1/2"	151	333	144 x 51 x 128
DBS 4.0-10 - 200	V77JP92FDR071	200	4	5.5	485	29.1	17.1	10	145	60	1/2"	151	333	144 x 51 x 128
DBS 5.5-08 - 270	V91JW92FDR071	270	5.5	7.5	720	43.2	25.4	8	116	64	1/2"	203	448	156 x 57 x 139
DBS 5.5-10 - 270	V91JO92FDR071	270	5.5	7.5	650	39	22.9	10	145	64	1/2"	203	448	156 x 57 x 139
DBS 5.5-08 - 500	V83JW92FDR071	500	5.5	7.5	720	43.2	25.4	8	116	64	1/2"	236	520	198 x 60 x 148
DBS 5.5-10 - 500	V83JO92FDR071	500	5.5	7.5	650	39	22.9	10	145	64	1/2"	236	520	198 x 60 x 148

With air receiver and dryer

DBS 4.0-08 - 200 ES	V77JR92FDR171	200	4	5.5	580	34.8	20.5	8	116	60	1/2"	181	399	144 x 51 x 128
DBS 4.0-10 - 200 ES	V77JP92FDR171	200	4	5.5	485	29.1	17.1	10	145	60	1/2"	181	399	144 x 51 x 128
DBS 5.5-08 - 270 ES	V91JW92FDR171	270	5.5	7.5	720	43.2	25.4	8	116	64	1/2"	215	474	156 x 57 x 139
DBS 5.5-10 - 270 ES	V91JO92FDR171	270	5.5	7.5	650	39	22.9	10	145	64	1/2"	215	474	156 x 57 x 139
DBS 5.5-08 - 500 ES	V83JW92FDR171	500	5.5	7.5	720	43.2	25.4	8	116	64	1/2"	277	611	198 x 60 x 148
DBS 5.5-10 - 500 ES	V83JO92FDR171	500	5.5	7.5	650	39	22.9	10	145	64	1/2"	277	611	198 x 60 x 148

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



DRIVE

The Poly-V belt guarantees long service life (lasts at least twice as long as a standard belt) and minimum maintenance.



VENTILATION

Compressor cabinet is cooled by the axial fan directly controlled by the ETMII, in order to quickly reach and maintain the operating temperature ideal for efficient operation.



PRESSURE TRANSDUCER

It guarantees an accurate and stable operation. The transducer makes it possible to directly modify the working pressure from the electronic controller without any mechanical intervention.

ETMII

It manages all compressor functions and enables the system's diagnosis; the display shows: working pressure, working/load hours, charge/idle running, oil temperature.



DBS 8 - 11 - 15 - 16



FS50 TF - FS26 TF AIR-ENDS

Entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve. **FS50 TF is mounted on DBS 16 models.**



Features and main strenghts:

- Intake regulator, separator unit and minimum pressure/check valve: DARI design and production.
- Cooling system designed for operation even in extreme conditions, ensuring the ideal working temperature.
- Tank-mounted versions are also available with refrigerating dryer (ES), ready for instant operation without any additional effort.



Floor mounted
compressor



Compressor
+ 270 lt air receiver



Compressor
+ 270 lt air receiver + dryer

Model	Code	Air receiver	Power		Air delivery			Working pressure		Noise level	Conne- ction	Weight		Dimensions
		ℓ	kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB[A]	G	kg	lbs	L x W x H (cm)
Floor mounted compressor														
DBS 8-08	V60KD92FDR071	–	7.5	10	1250	75	44.1	8	116	68	3/4"	185	407	80 x 70 x 98
DBS 8-10	V60KH92FDR071	–	7.5	10	1000	60	35.3	10	145	68	3/4"	185	407	80 x 70 x 98
DBS 8-13	V60KA92FDR071	–	7.5	10	750	45	26.5	13	188	68	3/4"	185	407	80 x 70 x 98
DBS 11-08	V60KF92FDR071	–	11	15	1650	99	58.2	8	116	69	3/4"	200	440	80 x 70 x 98
DBS 11-10	V60KE92FDR071	–	11	15	1500	90	53	10	145	69	3/4"	200	440	80 x 70 x 98
DBS 11-13	V60KB92FDR071	–	11	15	1100	66	38.8	13	188	69	3/4"	200	440	80 x 70 x 98
DBS 15-08	V60KP92FDR071	–	15	20	2150	129	75.9	8	116	70	3/4"	235	517	80 x 70 x 98
DBS 15-10	V60KQ92FDR071	–	15	20	1850	111	65.3	10	145	70	3/4"	235	517	80 x 70 x 98
DBS 15-13	V60KR92FDR071	–	15	20	1500	90	53	13	188	70	3/4"	235	517	80 x 70 x 98
DBS 16-08	V60KS92FDR071	–	15	20	2350	141	83	8	116	68	3/4"	240	528	80 x 70 x 98
DBS 16-10	V60KU92FDR071	–	15	20	2050	123	72.4	10	145	68	3/4"	240	528	80 x 70 x 98
DBS 16-13	V60KW92FDR071	–	15	20	1750	105	61.8	13	188	68	3/4"	240	528	80 x 70 x 98
With air receiver														
DBS 8-08-270	V91KD92FDR071	270	7.5	10	1250	75	44.1	8	116	68	3/4"	245	541	155 x 70 x 151
DBS 8-10-270	V91KH92FDR071	270	7.5	10	1000	60	35.3	10	145	68	3/4"	245	541	155 x 70 x 151
DBS 11-08-270	V91KF92FDR071	270	11	15	1650	99	58.2	8	116	69	3/4"	260	574	155 x 70 x 151
DBS 11-10-270	V91KE92FDR071	270	11	15	1500	90	53	10	145	69	3/4"	260	574	155 x 70 x 151
DBS 8-08-500	V83KD92FDR071	500	7.5	10	1250	75	44.1	8	116	68	3/4"	307	678	198 x 70 x 163
DBS 8-10-500	V83KH92FDR071	500	7.5	10	1000	60	35.3	10	145	68	3/4"	307	678	198 x 70 x 163
DBS 11-08-500	V83KF92FDR071	500	11	15	1650	99	58.2	8	116	69	3/4"	322	711	198 x 70 x 163
DBS 11-10-500	V83KE92FDR071	500	11	15	1500	90	53	10	145	69	3/4"	322	711	198 x 70 x 163
DBS 15-08-500	V83KP92FDR071	500	15	20	2150	129	75.9	8	116	70	3/4"	357	788	198 x 70 x 163
DBS 15-10-500	V83KQ92FDR071	500	15	20	1850	111	65.3	10	145	70	3/4"	357	788	198 x 70 x 163
DBS 16-08-500	V83KS92FDR071	500	15	20	2350	141	83	8	116	68	3/4"	362	799	198 x 70 x 163
DBS 16-10-500	V83KU92FDR071	500	15	20	2050	123	72.4	10	145	68	3/4"	362	799	198 x 70 x 163
With air receiver and dryer														
DBS 8-08-270 ES	V91KD92FDR171	270	7.5	10	1250	75	44.1	8	116	68	3/4"	343	757	155 x 70 x 151
DBS 8-10-270 ES	V91KH92FDR171	270	7.5	10	1000	60	35.3	10	145	68	3/4"	343	757	155 x 70 x 151
DBS 11-08-270 ES	V91KF92FDR171	270	11	15	1650	99	58.2	8	116	69	3/4"	363	801	155 x 70 x 151
DBS 11-10-270 ES	V91KE92FDR171	270	11	15	1500	90	53	10	145	69	3/4"	363	801	155 x 70 x 151
DBS 8-08-500 ES	V83KD92FDR171	500	7.5	10	1250	75	44.1	8	116	68	3/4"	375	828	198 x 70 x 163
DBS 8-10-500 ES	V83KH92FDR171	500	7.5	10	1000	60	35.3	10	145	68	3/4"	375	828	198 x 70 x 163
DBS 11-08-500 ES	V83KF92FDR171	500	11	15	1650	99	58.2	8	116	69	3/4"	395	872	198 x 70 x 163
DBS 11-10-500 ES	V83KE92FDR171	500	11	15	1500	90	53	10	145	69	3/4"	395	872	198 x 70 x 163
DBS 15-08-500 ES	V83KP92FDR171	500	15	20	2150	129	75.9	8	116	70	3/4"	436	962	198 x 70 x 163
DBS 15-10-500 ES	V83KQ92FDR171	500	15	20	1850	111	65.3	10	145	70	3/4"	436	962	198 x 70 x 163
DBS 16-08-500 ES	V83KS92FDR171	500	15	20	2350	141	83	8	116	68	3/4"	436	962	198 x 70 x 163
DBS 16-10-500 ES	V83KU92FDR171	500	15	20	2050	123	72.4	10	145	68	3/4"	436	962	198 x 70 x 163

ALL MODELS WITH TANK ARE ALSO AVAILABLE ON REQUEST WITH A WORKING PRESSURE OF 13 BAR, PROVIDING THE SAME PERFORMANCE OF MODELS ON GROUND.
Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor working to guarantee minimum pressure when running idle and maximum saving upon start-up.



MINIMUM PRESSURE VALVE

Built with oxide free material, fully machined.

An ideal technical solution to provide maximum reliability in any operational conditions.



COOLING SYSTEM

The axial fan ensures the ideal operating temperature, even in extreme working conditions. All air-oil circuit hoses are made of rubber covered with a metal mesh resistant to high temperature.



TRANSMISSION

Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.

PREFILTERING PANEL

The ventilation circuit is completed by a cabinet prefiltering panel (standard on every model) that separates the incoming dusts and it keeps clean the inside of the machine.



DBS 18.5 - 22

Features and main strenghts:

- All most important components of the compressor are machined internally with highly evolved process controlled machines.
- The cooling air flow, channeled by the thermostatic controlled fan, cools down an oversized combined oil/air heat exchanger: this lets the compressor run also in severe temperature conditions.
- The wide front and rear paneling grants ease of access, reducing inspection and maintenance time.
- Also available with dryer (ES).



FS50 TF AIR-END

Completely designed and manufactured in DARI Italian facilities, just as the intake regulator and separator block with minimum pressure/check valve. Every air-end is tested twice: as a self-standing unit and during the complete compressor test.

ETIV

Advanced controller with backlit display and extended multilingual messaging.

Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.



DRYER MODULE

The dryer module (ES) provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of the final product.

Compressor + Dryer

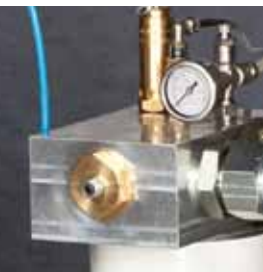
Model	Code	Power		Air delivery			Working pressure		Noise level	Connection	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.			kg	lbs	
DBS 18.5-08	V60QA92FDR071	18.5	25	2800	168	99	8	116	66	3/4"	350	774	135 x 80 x 113
DBS 18.5-10	V60QB92FDR071	18.5	25	2500	150	88	10	145	66	3/4"	350	774	135 x 80 x 113
DBS 18.5-13	V60QC92FDR071	18.5	25	2150	129	76	13	188	66	3/4"	350	774	135 x 80 x 113
DBS 22-08	V60QD92FDR071	22	30	3400	204	120	8	116	68	3/4"	380	840	135 x 80 x 113
DBS 22-10	V60QE92FDR071	22	30	3000	180	106	10	145	68	3/4"	380	840	135 x 80 x 113
DBS 22-13	V60QF92FDR071	22	30	2400	144	85	13	188	68	3/4"	380	840	135 x 80 x 113
With dryer													
DBS 18.5-08 ES	V60QA92FDR171	18.5	25	2800	168	99	8	116	66	3/4"	400	883	169 x 80 x 113
DBS 18.5-10 ES	V60QB92FDR171	18.5	25	2500	150	88	10	145	66	3/4"	400	883	169 x 80 x 113
DBS 18.5-13 ES	V60QC92FDR171	18.5	25	2150	129	76	13	188	66	3/4"	400	883	169 x 80 x 113
DBS 22-08 ES	V60QD92FDR171	22	30	3400	204	120	8	116	68	3/4"	430	949	169 x 80 x 113
DBS 22-10 ES	V60QE92FDR171	22	30	3000	180	106	10	145	68	3/4"	430	949	169 x 80 x 113
DBS 22-13 ES	V60QF92FDR171	22	30	2400	144	85	13	188	68	3/4"	430	949	169 x 80 x 113

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



OIL FILTER AND SEPARATOR FILTER

Both spin-on type, they ensure maximum efficiency and simple maintenance.



MINIMUM PRESSURE VALVE

Built with oxide free material, fully machined. An ideal technical solution to provide maximum reliability in any operational conditions.



COOLING SYSTEM

The axial fan ensures the ideal operating temperature, even in extreme working conditions.

All air-oil circuit hoses are made of rubber covered with a metal mesh resistant to high temperature.



COOLING SYSTEM

The axial fan ensures the ideal operating temperature, even in extreme working conditions.



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor working to guarantee minimum pressure when running idle and maximum saving upon start-up.



DBS 31 - 38

Features and main strenghts:

- All major components of the compressor, such as the intake regulator, minimum pressure/check valve and separator unit, are designed and manufactured with highly evolved CNC machines.
- The cooling air flow, channeled by the thermostatic controlled fan, cools down an oversized combined oil/air heat exchanger: this lets the compressor run in severe temperature conditions.
- The wide front and rear paneling grants ease of access, reducing inspection and maintenance time.
- Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.
- Also available with dryer.



FS100 - FS130 AIR-ENDS

Entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve.

FS100 air-end is mounted on DBS 31 models.
FS130 air-end is mounted on DBS 38 models.

ETIV

Advanced controller with backlit display and extended multilingual messaging. Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.



DRYER MODULE

The dryer module (ES) provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of the final product.

Compressor + Dryer

Model	Code	Power		Air delivery			Working pressure		Noise level	Connection	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.			kg	lbs	
DBS 31-08	V60BU92FDR071	30	40	4700	282	165.9	8	116	70	1 - 1/4"	630	1392	153 x 84 x 145
DBS 31-10	V60BV92FDR071	30	40	4200	252	148.3	10	145	70	1 - 1/4"	630	1392	153 x 84 x 145
DBS 31-13	V60BW92FDR071	30	40	3400	204	120	13	188	70	1 - 1/4"	630	1392	153 x 84 x 145
DBS 38-08	V60BK92FDR071	37	50	6000	360	212	8	116	68	1 - 1/4"	700	1547	153 x 84 x 145
DBS 38-10	V60BJ92FDR071	37	50	5300	318	187	10	145	68	1 - 1/4"	700	1547	153 x 84 x 145
DBS 38-13	V60BI92FDR071	37	50	4000	240	141	13	188	68	1 - 1/4"	700	1547	153 x 84 x 145
With dryer													
DBS 31-08 ES	V60BU92FDR171	30	40	4700	282	165.9	8	116	70	1 - 1/4"	710	1567	186 x 84 x 145
DBS 31-10 ES	V60BV92FDR171	30	40	4200	252	148.3	10	145	70	1 - 1/4"	710	1567	186 x 84 x 145
DBS 31-13 ES	V60BW92FDR171	30	40	3400	204	120	13	188	70	1 - 1/4"	710	1567	186 x 84 x 145
DBS 38-08 ES	V60BK92FDR171	37	50	6000	360	212	8	116	68	1 - 1/4"	780	1721	186 x 84 x 145
DBS 38-10 ES	V60BJ92FDR171	37	50	5300	318	187	10	145	68	1 - 1/4"	780	1721	186 x 84 x 145
DBS 38-13 ES	V60BI92FDR171	37	50	4000	240	141	13	188	68	1 - 1/4"	780	1721	186 x 84 x 145

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



RELIABLE TRANSMISSION

Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.



FILTERS

Double oil separator filter for a long operating life and compressed air quality.



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor working to guarantee minimum pressure when running idle and maximum saving upon start-up.



COOLING CIRCUIT

An axial fan supplies the optimum cooling air flow for the generously sized air/oil cooler: safe operation in any environmental condition with minimum noise level.

DBS 45 - 55

Features and main strenghts:

- The superior components selection and the compact internal layout make this range of compressors stand out in terms of high performances and minimum footprint.
- The cooling air flow, channeled by the thermostatic controlled axial fan, cools down an oversized combined oil/air heat exchanger: this let the compressor run in severe temperature conditions.
- The ventilation circuit is completed by a cabinet prefiltering panel (standard on every model) that separates the incoming dusts and it keeps clean the inside of the machine.
- Wide front and rear access panels allow easy maintenance and immediate check of all main components, reducing time of inspection and maintenance.



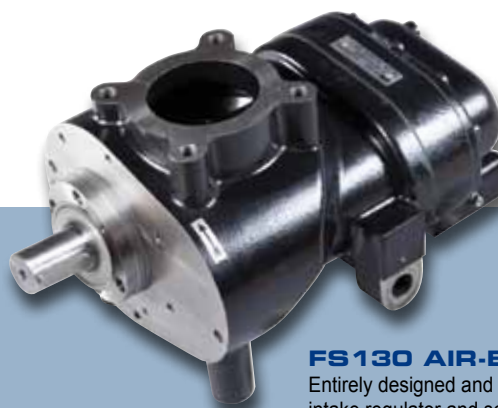
EXHAUST CONVEYOR

Ensures a significant reduction of the compressor noise and it is extremely useful in case of using a canalization for hot air extraction.



ETIV

Advanced controller with backlit display and extended multilingual messaging. Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.



FS130 AIR-END

Entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve.

Model	Code	Power		Air delivery			Working pressure		Noise level	Connection	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.			kg	lbs	
DBS 45-08	V60BM92FDR171	45	60	7200	432	254	7.5	109	72	1 -1/2"	910	2002	160 x 97 x 186
DBS 45-10	V60BN92FDR171	45	60	6500	390	229	10	145	72	1 -1/2"	910	2002	160 x 97 x 186
DBS 45-13	V60BQ92FDR171	45	60	5100	306	180	13	188	72	1 -1/2"	910	2002	160 x 97 x 186
DBS 55-08	V60BR92FDR071	55	75	8600	516	304	7.5	109	74	1 -1/2"	952	2094	160 x 97 x 186
DBS 55-10	V60BS92FDR071	55	75	7800	468	275	10	145	74	1 -1/2"	952	2094	160 x 97 x 186
DBS 55-13	V60BT92FDR071	55	75	6400	384	226	13	188	74	1 -1/2"	952	2094	160 x 97 x 186

Free air delivery as per ISO 1217 Annex C, at 7 - 9.5 - 12.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



RELIABLE TRANSMISSION

Transmission between air-end and electric motor is performed by Poly-V belts ensuring long life and minimum maintenance.



MINIMUM PRESSURE VALVE

Built with oxide free material, fully machined. An ideal technical solution to provide maximum reliability in any operational conditions.



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor working to guarantee minimum pressure when running idle and maximum saving upon start-up.



COOLING CIRCUIT

An axial fan supplies the optimum cooling air flow for the generously sized air/oil cooler: safe operation in any environmental condition with minimum noise level.



DBS 56 - 75

Features and main strenghts:

- Equipped with Poly-V belt drive, oversized combined heat exchanger and thermostatic controlled axial fan which ensure optimal operational temperatures.
- High performance motors and the optimized selection of the machine parts offers efficiency and reliability even in extreme environmental conditions.
- The ventilation circuit is completed by a cabinet prefiltering panel (standard on every model) that separates the incoming dusts and it keeps clean the inside of the machine.
- Main operating parameters are monitored by the ETIV controller that supports different languages. The controller provides alarm indication and stores alarm events to facilitate troubleshooting and routine maintenance planning.
- Wide front and rear access panels allow easy maintenance and immediate check of all main components, reducing time of inspection and maintenance.

EXHAUST CONVEYOR

Ensures a significant reduction of the compressor noise and it is extremely useful in case of using a canalization for hot air extraction.



ETIV

Advanced controller with backlit display and extended multilingual messaging. Functions available: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multilevel diagnostic, phase sequence relay to check air-end direction of rotation.



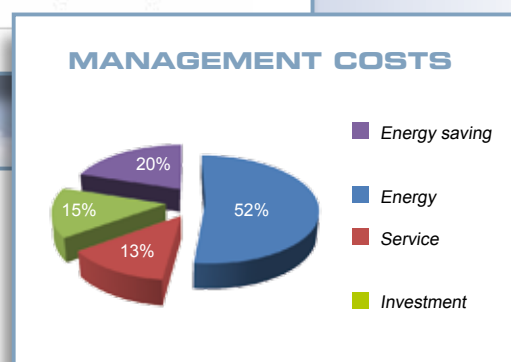
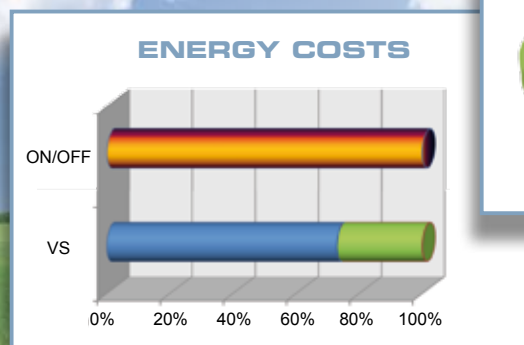
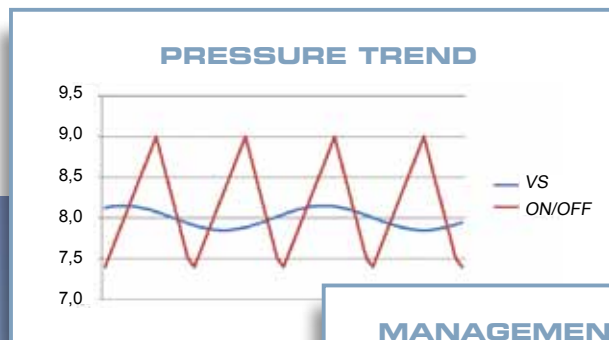
FS240 AIR-END

Entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure/check valve.

Model	Code	Power		Air delivery			Working pressure		Noise level	Connection	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.			kg	lbs	
DBS 56-08	V60BA92FDR071	55	75	9300	558	328	7.5	109	70	2"	1650	3630	180 x 110 x 215
DBS 56-10	V60BB92FDR071	55	75	8300	498	293	10	145	70	2"	1650	3630	180 x 110 x 215
DBS 56-13	V60BC92FDR071	55	75	7000	420	247	13	188	70	2"	1650	3630	180 x 110 x 215
DBS 75-08	V60BD92FDR071	75	100	12200	732	431	7.5	109	72	2"	1720	3784	180 x 110 x 215
DBS 75-10	V60BE92FDR071	75	100	10500	630	371	10	145	72	2"	1720	3784	180 x 110 x 215
DBS 75-13	V60BF92FDR071	75	100	8300	498	293	13	188	72	2"	1720	3784	180 x 110 x 215

Free air delivery as per ISO 1217 Annex C, at 7 - 9.5 - 12.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.

- Energy saving
- Silent operation
- Compact design
- Low maintenance
- Versions with dryer
- High efficiency inverter



DBS VARIABLE SPEED

- Energy costs and maintenance costs significantly exceed the initial investment in a Company. The DARI range at Variable Speed, especially in systems with variable air consumption, ensures the reduction of energy costs.
- DBS 11, 22, 38, 56 and 75 models are also available as Variable Speed (VS), equipped with Inverter option, that enables the compressor to adapt to the flow rate demanded by the application.
- They are particularly suitable for those companies that use compressed air with frequently changing flow: the variable frequency drive allows the machine to adjust the flow rate to the actual demand.
- The ETIV electronic controller monitors and controls air-end speed, modulating the air production in order to keep constant pressure in the network. Immediate advantages of this feature are the constant network pressure, the optimized electric power consumption, matching the real compressed air demand, and the minimum wear of the mechanical components, which are usually stressed during the idling/load switching of the standard compressors.



Model	Code	Power		Air delivery (max. / min.)			Working pressure		Noise level	Connection	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	G	kg	lbs	L x W x H (cm)
DBS 11-08 VS	V60SN97FDR071	11	15	1650 / 660	99 / 41	58 / 24	8	116	63	3/4"	271	598	120 x 70 x 100
DBS 11-10 VS	V60SP97FDR071	11	15	1500 / 600	90 / 37	53 / 22	10	145	63	3/4"	271	598	120 x 70 x 100
DBS 22-08 VS	V60SJ97FDR071	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	390	861	135 x 80 x 113
DBS 22-10 VS	V60SY97FDR071	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	390	861	135 x 80 x 113
DBS 38-08 VS	V60BK97FDR071	37	50	5600 / 2000	336 / 120	197 / 70	8	116	72	1 -1/4"	725	1600	153 x 84 x 145
DBS 38-10 VS	V60BJ97FDR071	37	50	5000 / 1900	300 / 114	176 / 67	10	145	72	1 -1/4"	725	1600	153 x 84 x 145
DBS 56-08 VS	V60BA97FDR071	55	75	9300 / 3700	558 / 222	328 / 131	7.5	109	70	2"	1686	3721	180 x 110 x 215
DBS 56-10 VS	V60BB97FDR071	55	75	8300 / 3300	498 / 198	293 / 116	10	145	70	2"	1686	3721	180 x 110 x 215
DBS 75-08 VS	V60BD97FDR071	75	100	12200 / 4800	732 / 288	431 / 169	7.5	109	72	2"	1756	3875	180 x 110 x 215
DBS 75-10 VS	V60BE97FDR071	75	100	10500 / 4200	630 / 252	371 / 148	10	145	72	2"	1756	3875	180 x 110 x 215

Free air delivery as per ISO 1217 Annex C, at 7 - 9.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.

INTEGRATED DRYER (DBS 11)

The fully integrated refrigerated dryer and filtration allows for the constant supply of compressed air that is both dry and free from oil and other contaminants.



DRYER MODULE (DBS 22 and 38)

Provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of the products.



Model	Code	Power		Air delivery (max. / min.)			Working pressure		Noise level	Conne- ction	Weight		Dimensions
		kW	HP	l/min.	m³/h	c.f.m.	bar	p.s.i.	dB[A]	G	kg	lbs	L x W x H [cm]
With dryer													
DBS 11-08 ES VS	V60SN97FDR171	11	15	1650 / 660	99 / 40	58 / 23	8	116	63	3/4"	306	675	120 x 70 x 100
DBS 11-10 ES VS	V60SP97FDR171	11	15	1500 / 600	90 / 36	53 / 21	10	145	63	3/4"	306	675	120 x 70 x 100
DBS 22-08 ES VS	V60SJ97FDR171	22	30	3400 / 1350	204 / 81	120 / 48	8	116	68	3/4"	440	971	169 x 80 x 113
DBS 22-10 ES VS	V60SY97FDR171	22	30	3050 / 1220	183 / 73.2	108 / 43	10	145	68	3/4"	440	971	169 x 80 x 113
DBS 38-08 ES VS	V60BK97FDR171	37	50	5600 / 2000	336 / 120	197 / 70	8	116	72	1 -1/4"	805	1777	186 x 84 x 145
DBS 38-10 ES VS	V60BJ97FDR171	37	50	5000 / 1900	300 / 114	176 / 67	10	145	72	1 -1/4"	805	1777	186 x 84 x 145

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 bar at the compressor outlet.
± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.

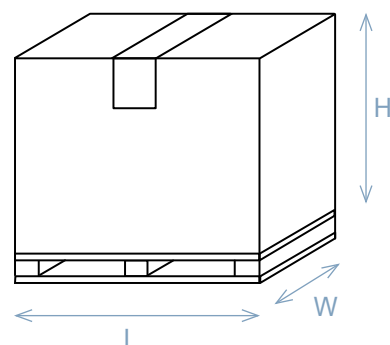
Model	Code	Gross weight		Gross dimensions L x W x H (cm)
		kg	lbs	
DBS SE 2.2-10 M	V51JT60FDR071	96.5	212.7	71.5 x 67 x 95
DBS SE 2.2-08	V51JU72FDR071	98	216.1	71.5 x 67 x 97
DBS SE 2.2-10	V51JT72FDR071	98	216.1	71.5 x 67 x 97
DBS SE 3-08	V51JS72FDR071	103	227.1	71.5 x 67 x 97
DBS SE 3-10	V51JQ72FDR071	116	255.7	71.5 x 67 x 97
DBS SE 4-08	V51JR72FDR071	104	229.3	71.5 x 67 x 97
DBS SE 4-10	V51JP72FDR071	104	229.3	71.5 x 67 x 97
DBS SE 2.2-10-200 M	V77JT60FDR071	169	372.6	152.5 x 61 x 146
DBS SE 2.2-08-200	V77JU72FDR071	200	440.9	152.5 x 61 x 146
DBS SE 2.2-10-200	V77JT72FDR071	169	372.6	152.5 x 61 x 146
DBS SE 3-08-200	V77JS72FDR071	174	383.6	152.5 x 61 x 146
DBS SE 3-10-200	V77JQ72FDR071	174	383.6	152.5 x 61 x 146
DBS SE 4-08-200	V77JR72FDR071	175.5	386.9	152.5 x 61 x 146
DBS SE 4-10-200	V77JP72FDR071	223.5	492.7	152.5 x 61 x 146
DBS SE 2.2-08-200 ES	V77JU72FDR171	199	438.7	152.5 x 61 x 146
DBS SE 2.2-10-200 ES	V77JT72FDR171	200	440.9	152.5 x 61 x 146
DBS SE 3-08-200 ES	V77JS72FDR171	205	451.9	152.5 x 61 x 146
DBS SE 3-10-200 ES	V77JQ72FDR171	205	451.9	152.5 x 61 x 146
DBS SE 4-08-200 ES	V77JR72FDR171	223.5	492.7	152.5 x 61 x 143
DBS SE 4-10-200 ES	V77JP72FDR171	223.5	492.7	152.5 x 61 x 143
DBS 4-08	V51JR92FDR071	102.5	226	71.5 x 67 x 95
DBS 4-10	V51JP92FDR071	102.5	226	71.5 x 67 x 95
DBS 4-13	V51JV92FDR071	102.5	226	71.5 x 67 x 95
DBS 5.5-08	V51JW92FDR071	136	299.8	71.5 x 67 x 97
DBS 5.5-10	V51JO92FDR071	136	299.8	71.5 x 67 x 97
DBS 5.5-13	V51JM92FDR071	136	299.8	71.5 x 67 x 97
DBS 4-08-200	V77JR92FDR071	176.5	389.1	152.5 x 61 x 143
DBS 4-10-200	V77JP92FDR071	176.5	389.1	152.5 x 61 x 143
DBS 4-13-200	V77JV92FDR071	196	432.1	152.5 x 61 x 146
DBS 5.5-08-270	V91JW92FDR071	237.5	523.6	172 x 75 x 168
DBS 5.5-10-270	V91JO92FDR071	237.5	523.6	172 x 75 x 168
DBS 5.5-08-500	V83JW92FDR071	265.5	585.3	206.5 x 80 x 177
DBS 5.5-10-500	V83JO92FDR071	265.5	585.3	206.5 x 80 x 177
DBS 4-08-200 ES	V77JR92FDR171	206.5	455.3	152.5 x 61 x 143
DBS 4-10-200 ES	V77JP92FDR171	206.5	455.3	152.5 x 61 x 143
DBS 4-13-200 ES	V77JV92FDR171	196	432.1	152.5 x 61 x 146

Model	Code	Gross weight		Gross dimensions L x W x H (cm)
		kg	lbs	
DBS 5.5-08-270 ES	V91JW92FDR171	249.5	550.1	172 x 75 x 168
DBS 5.5-10-270 ES	V91JO92FDR171	249.5	550.1	172 x 75 x 168
DBS 5.5-08-500 ES	V83JW92FDR171	300	661.4	206.5 x 80 x 177
DBS 5.5-10-500 ES	V83JO92FDR171	300	661.4	206.5 x 80 x 177
DBS 8-08	V60KD92FDR071	197	434.3	94 x 77 x 115
DBS 8-10	V60KH92FDR071	197	434.3	94 x 77 x 115
DBS 8-13	V60KA92FDR071	197	434.3	94 x 77 x 115
DBS 11-08	V60KF92FDR071	212	467.4	94 x 77 x 115
DBS 11-10	V60KE92FDR071	212.5	468.5	106 x 77 x 117
DBS 11-13	V60KB92FDR071	212	467.4	94 x 77 x 115
DBS 15-08	V60KP92FDR071	247	544.5	94 x 77 x 115
DBS 15-10	V60KQ92FDR071	247	544.5	94 x 77 x 115
DBS 15-13	V60KR92FDR071	247	544.5	94 x 77 x 115
DBS 16-08	V60KS92FDR071	252	555.6	94 x 77 x 115
DBS 16-10	V60KU92FDR071	252	555.6	94 x 77 x 115
DBS 16-13	V60KW92FDR071	252	555.6	94 x 77 x 115
DBS 8-08-270	V91KD92FDR071	280.5	618.4	172 x 75 x 176
DBS 8-10-270	V91KH92FDR071	280.5	618.4	172 x 75 x 176
DBS 11-08-270	V91KF92FDR071	295.5	651.5	172 x 75 x 176
DBS 11-10-270	V91KE92FDR071	335	738.5	172 x 75 x 176
DBS 8-08-500	V83KD92FDR071	345	760.6	206.5 x 80 x 185
DBS 8-10-500	V83KH92FDR071	345	760.6	206.5 x 80 x 185
DBS 11-08-500	V83KF92FDR071	360	793.7	206.5 x 80 x 185
DBS 11-10-500	V83KE92FDR071	360	793.7	206.5 x 80 x 185
DBS 15-08-500	V83KP92FDR071	395	870.8	206.5 x 80 x 185
DBS 15-10-500	V83KQ92FDR071	395	870.8	206.5 x 80 x 185
DBS 16-08-500	V83KS92FDR071	421	928.1	206.5 x 80 x 185
DBS 16-10-500	V83KU92FDR071	421	928.1	206.5 x 80 x 185
DBS 8-08-270 ES	V91KD92FDR171	378.5	834.4	172 x 75 x 176
DBS 8-10-270 ES	V91KH92FDR171	378.5	834.4	172 x 75 x 176
DBS 11-08-270 ES	V91KF92FDR171	398.5	878.5	172 x 75 x 176
DBS 11-10-270 ES	V91KE92FDR171	398	877.4	172 x 75 x 176
DBS 8-08-500 ES	V83KD92FDR171	413	910.5	206.5 x 80 x 185
DBS 8-10-500 ES	V83KH92FDR171	413	910.5	206.5 x 80 x 185
DBS 11-08-500 ES	V83KF92FDR171	432.5	953.5	206.5 x 80 x 177
DBS 11-10-500 ES	V83KE92FDR171	432.5	953.5	206.5 x 80 x 177

Gross weights and dimensions

Model	Code	Gross weight		Gross dimensions
		kg	lbs	L x W x H [cm]
DBS 15-08-500 ES	V83KP92FDR171	474	1045	206.5 x 80 x 185
DBS 15-10-500 ES	V83KQ92FDR171	476	1049.4	206.5 x 80 x 185
DBS 16-08-500 ES	V83KS92FDR171	495	1091.3	206.5 x 80 x 185
DBS 16-10-500 ES	V83KU92FDR171	495	1091.3	206.5 x 80 x 185
DBS 18.5-08	V60QA92FDR071	398	877.4	150 x 95 x 134
DBS 18.5-10	V60QB92FDR071	398	877.4	150 x 95 x 134
DBS 18.5-13	V60QC92FDR071	398	877.4	150 x 95 x 134
DBS 22-08	V60QD92FDR071	409	901.7	150 x 95 x 134
DBS 22-10	V60QE92FDR071	432	952.4	150 x 95 x 130
DBS 22-13	V60QF92FDR071	421.5	929.2	150 x 95 x 131
DBS 18,5-08 ES	V60QA92FDR171	451	994.3	197 x 94 x 160.5
DBS 18,5-10 ES	V60QB92FDR171	451	994.3	197 x 94 x 160.5
DBS 18,5-13 ES	V60QC92FDR171	451	994.3	197 x 94 x 160.5
DBS 22-08 ES	V60QD92FDR171	462	1018.5	197 x 94 x 160.5
DBS 22-10 ES	V60QE92FDR171	478	1053.8	197 x 94 x 162
DBS 22-13 ES	V60QF92FDR171	477.5	1052.7	197 x 94 x 160
DBS 31-08	V60BU92FDR071	664	1463.9	165 x 95.5 x 164
DBS 31-10	V60BV92FDR071	664	1463.9	165 x 95.5 x 164
DBS 31-13	V60BW92FDR071	664	1463.9	165 x 95.5 x 164
DBS 37-08	V60BX92FDR071	678	1494.7	164 x 94 x 161
DBS 37-10	V60BY92FDR071	678	1494.7	164 x 94 x 161
DBS 37-13	V60BZ92FDR071	678	1494.7	164 x 94 x 161
DBS 38-08	V60BK92FDR071	700	1543.2	164 x 94 x 161
DBS 38-10	V60BJ92FDR071	734	1618.2	165 x 95.5 x 163
DBS 38-13	V60BI92FDR071	700	1543.2	164 x 94 x 161
DBS 31-08 ES	V60BU92FDR171	750	1653.5	198 x 95.5 x 163
DBS 31-10 ES	V60BV92FDR171	750	1653.5	198 x 95.5 x 163
DBS 31-13 ES	V60BW92FDR171	750	1653.5	198 x 95.5 x 163
DBS 38-08 ES	V60BK92FDR171	789.5	1740.5	197 x 94 x 161
DBS 38-10 ES	V60BJ92FDR171	820	1807.8	198 x 95.5 x 163
DBS 38-13 ES	V60BI92FDR171	789.5	1740.5	197 x 94 x 161

Model	Code	Gross weight		Gross dimensions
		kg	lbs	L x W x H [cm]
DBS 45-08	V60BM92FDR171	950	2094.4	118 x 175 x 202
DBS 45-10	V60BN92FDR171	950	2094.4	118 x 175 x 202
DBS 45-13	V60BQ92FDR171	950	2094.4	118 x 175 x 202
DBS 55-08	V60BR92FDR071	992	2187	170 x 106 x 204
DBS 55-10	V60BS92FDR071	992	2187	170 x 106 x 204
DBS 55-13	V60BT92FDR071	992	2187	170 x 106 x 204
DBS 56-08	V60BA92FDR071	1676.5	3696	190 x 120 x 233
DBS 56-10	V60BB92FDR071	1676.5	3696	190 x 120 x 233
DBS 56-13	V60BC92FDR071	1676.5	3696	190 x 120 x 233
DBS 75-08	V60BD92FDR071	1746.5	3850.4	190 x 120 x 233
DBS 75-10	V60BE92FDR071	1746.5	3850.4	190 x 120 x 233
DBS 75-13	V60BF92FDR071	1746.5	3850.4	190 x 120 x 233
DBS 11-08 VS	V60SN97FDR071	276	608.5	136 x 78 x 121
DBS 11-10 VS	V60SP97FDR071	276	608.5	136 x 78 x 121
DBS 22-08 VS	V60SJ97FDR071	451	994	162 x 78 x 128
DBS 22-10 VS	V60SY97FDR071	451	994	162 x 78 x 128
DBS 38-08 VS	V60BK97FDR071	759	1673.3	165 x 95.5 x 163
DBS 38-10 VS	V60BJ97FDR071	759	1673.3	165 x 95.5 x 163
DBS 56-08 VS	V60BA97FDR071	1751.5	3861.4	190 x 120 x 233
DBS 56-10 VS	V60BB97FDR071	1751.5	3861.4	190 x 120 x 233
DBS 75-08 VS	V60BD97FDR071	1821.5	4015.7	190 x 120 x 233
DBS 75-10 VS	V60BE97FDR071	1821.5	4015.7	190 x 120 x 233
DBS 11-08 ES VS	V60SN97FDR171	306.5	675.7	136 x 78 x 121
DBS 11-10 ES VS	V60SP97FDR171	306.5	675.7	136 x 78 x 121
DBS 22-08 ES VS	V60SJ97FDR171	535	1179.5	162 x 78 x 128
DBS 22-10 ES VS	V60SY97FDR171	535	1179.5	162 x 78 x 128
DBS 38-08 ES VS	V60BK97FDR171	845	1862.9	198 x 95.5 x 163
DBS 38-10 ES VS	V60BJ97FDR171	845	1862.9	198 x 95.5 x 163




Our **FSN original spare parts** have been rigorously selected, checked and tested by specialised technicians to ensure the utmost efficiency and endurance of the compressor.

The parts are stocked in our centralised and automated warehouse in Zola Predosa (BO) - Italy, where 12,000 part codes on 10,000 sqm are managed every day. Specialised staff are continuously in contact with our distribution centres worldwide, to deliver spare parts to our customers in the shortest possible time.

The use of **FSN Long Life Kit**, specifically studied for screw compressors, extends maintenance intervals, cutting down service costs and ensuring consistent product performance. Ask for the catalog with reference codes, suitable for all DBS screw compressors.

Long Life Kit for screw compressors scheduled maintenance

		1.000 h (or every year)	2.000 h (or every year)	4.000 h *	6.000 h	8.000 h	12.000 h
			KIT A	KIT B	KIT C	KIT D	KIT E
DBS 2.2 - 5.5 kW		1 Air filter cartridge	1 Air filter cartridge 1 Oil filter cartridge 1 Separator cartridge	1 x 2,000 h kit 1 Oil check valve	1 x 2,000 h kit 1 Poly-V belt	1 x 4,000 h kit 1 Minimum pressure valve kit	1 x 4,000 h kit 1 Poly-V belt 1 Solenoid valve
DBS 7.5 - 15 kW		1 Air filter cartridge	1 Air filter cartridge 1 Oil filter cartridge 1 Separator cartridge	1 x 2,000 h kit 1 Oil check valve		1 x 4,000 h kit 1 Minimum pressure valve kit 1 Poly-V belt	1 x 4,000 h kit 1 Solenoid valve
DBS 18.5 - 75 kW			1 Air filter cartridge	1 Air filter cartridge 1 Oil filter cartridge 1 Separator cartridge ≤ 45 kW 2 Separator cartridges ≥ 55 kW 1 Oil check valve ≤ 45 kW 2 Oil check valves ≥ 55 kW 1 Prefilter		1 x 4,000 h kit 1 Minimum pressure valve kit	1 x 4,000 h kit 1 Poly-V belt 1 Solenoid valve
DBS VS 11 - 75 kW			1 Air filter cartridge	* or every year 1 Air filter cartridge 1 Oil filter cartridge 1 Separator cartridge ≤ 45 kW 2 Separator cartridges ≥ 55 kW 1 Oil check valve ≤ 45 kW 2 Oil check valves ≥ 55 kW 1 Prefilter 1 Electric cabinet prefilter		1 x 4,000 h VS kit 1 Minimum pressure valve kit	1 x 4,000 h VS kit 1 Poly-V Belt 1 Solenoid valve

We recommend to change oil at the indicated intervals (see the user's manual) or every year. We suggest to use our RotEnergyPlus oil (NOT INCLUDED IN THE LONG LIFE KIT). See table below.

RotEnergy synthetic lubricants

RotEnergy lubricants are specially designed for rotary screw compressors to achieve rapid water separation, lower friction, enhanced energy savings, **longer maintenance intervals** and excellent bearing lubrication while offering superior rust and corrosion protection.

RotEnergyFood is a high quality food-grade rotary compressor lubricant, specifically designed for use in the food and beverage industries to meet their production quality standards.



#600000018A	Oil RotEnergyPlus 46 cSt - 3.8 Ltr bottle (3.25 kg)
#600000009A	Oil RotEnergyPlus 46 cSt - set of four (3.8 Ltr / 3.25 kg) bottles.
#600000007A	Oil RotEnergyPlus 46 cSt - 19 Ltr bottle (16 kg)
#600000012A	Oil RotEnergyPlus 46 cSt - 208 Ltr drum (181 kg)
#600000014A	Oil RotEnergyFood 46 cSt - set of four (3.9 Ltr / 3.25 kg) bottles.
#600000016A	Oil RotEnergyFood 46 cSt - 19 Ltr bottle (18.5 kg)
#600000017A	Oil RotEnergyFood 46 cSt - 208 Ltr drum (175 kg)

DARI offers a wide range of accessories to complete the compressor room. Control units for the operation of two or more compressors, connecting pipes to the tank or to the dryer. For other products related to air treatment please ask for the dedicated catalog.

After-sale services



Besides manufacturing products of the highest quality and technological content, DARI offers its customers a service that meets their demands. The first objective is to guarantee an all-round technical and marketing support, identifying their needs and offering the most suitable solutions, nurturing a relation of mutual cooperation and trust over time. DARI has a skilled and motivated team that can provide several services: a call center help-desk, technical on-site consultation, customized price quotes, turnkey projects, maintenance plans, update courses, etc.



“Hot-Line” Service:

fast shipment of spare parts



Our “Hot-Line” service can prepare and ship urgent spare parts orders within a day (if received before 12.00 p.m.).

Our FSN brand guarantees the origins of all components, which are specifically manufactured and tested to be used on our compressors.

A proper and scheduled maintenance ensures longevity and efficiency of the compressor. For this purpose DARI suggest the use of FSN “Long Life Kit” for screw compressors.



**Original
Spare Parts
& Long Life kit**

2-year Warranty

on air-end, electronic controller and inverter.



We offer planned service agreements, with the option of extending the Warranty.

On the DARI website, it is possible to check out the exploded views and spare parts lists for any compressor model whenever needed.

www.daricompressors.com



On-line consultation

of exploded views
and spare parts lists

From 1959 to present, DARI has joined its name to the evolution of the world of compressed air. A brand that has constantly improved the performances of its products through innovative design solutions and the constant research and use of materials that allow higher yields and reduction of energy costs.

The entire production procedure is carried out at the Italian manufacturing plants of the Group. All of the compressor main components: air-end, intake regulator and minimum pressure valve are manufactured based on project specifications owned by DARI.

Assembling and testing performed on automated lines, robotic systems of the latest generation, and computer tools for design and control are the main investments that the company has implemented to realise products that meet the market's quality standards.



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The models and specifications reported in this catalogue may be subject to change without prior notice.