



EVERLASTING



DBS 2.2-75 kW

BELT-DRIVEN ROTARY SCREW
COMPRESSORS
FIXED AND VARIABLE SPEED



NEW



The group

The Dari brand is part of the FNA international group, which has 75 years of experience in the compressed air industry. FNA, the world's leading manufacturer of piston compressors, undisputed leader in the production of professional compressors and among the first in Europe in the industrial screw compressor segment, has established itself on the market thanks to its strengths: **dynamism, technological innovation, know-how, creativity, integrated marketing, flexible production processes and 'tailor-made' customer service.**

The group counts on an experienced and highly qualified team, capable of interpreting the market needs in defining, developing and distributing its products.

Dari's industrial range is wide and comprehensive and includes rotary screw compressors from 2.2 to 75 kW.

Our figures

1300 Employees across 3 continents

1500 Global service centres

120 Countries we export to

11000 Screw compressors produced per year

5 Manufacturing plants

MADE IN ITALY

The entire production cycle takes place in-house and the air-ends are fully designed and manufactured in Italy.



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



Variable speed

page 22

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

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Air-ends

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



Intake valve

100% designed and made in Italy.



Radial fan

Supplies the optimum cooling air flow to the 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 condition.

The range of Dari screw compressors is designed for industrial applications and offered with different power and 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 performance

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 with no lack of performance.

■ Low installation cost

The versions fitted with tank and dryer are ready for use, with no additional 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.

■ High efficiency motors



The high-efficiency electric motors installed on the DBS range, combined with our high-performance air-ends, make it possible to reduce energy-related costs and reduce CO₂ emissions: an important contribution to environmental protection. Furthermore, the 75 kW models are equipped with the new electric motors, again more performing, in "IE4 Super Premium" energy efficiency class.

■ A complete machine

Models with refrigeration dryers ("ES" versions) are also available, ready for immediate use, without any additional installation costs. For all the dryer plus tank versions it is also possible to retrofit the optional filter kit (prefilter and microfilter) to obtain a complete machine, without any additional bulk.



Compressor model	Motor power	Air receiver	Air dryer	Flow rate	Filters kit code
	kW				
DBS	2.2 - 5.5	200 - 270 - 500	RD17	1.6	#260KFL010
	7.5 - 11	270	RD17	2.5	#260KFL020
	7.5 - 11 - 15	500	RD17-24	2.5	#260KFL030

The electronic controllers installed on our rotary screw compressors are specifically designed to ensure optimal monitoring and adjustment as well as flexibility and complete programming to guarantee the maximum efficiency and safety.

ETMII

Installed on models from 4 to 15 kW.

Controller with multi-function display and alphanumeric menu.

The main screen displays:

- operating pressure;
- oil temperature;
- total operation hours;
- load operation hours;
- compressor status led (stand-by, idle, load).



The ETMII has also the following functions:

- four maintenance timers (air cartridge, oil, oil filter, separator filter);
- auto-restart after power failure;
- programmable cooling fan temperature;
- programmable remote control start of the compressor;
- integrated phases sequence control;
- display of hours remaining before maintenance.



ETIV

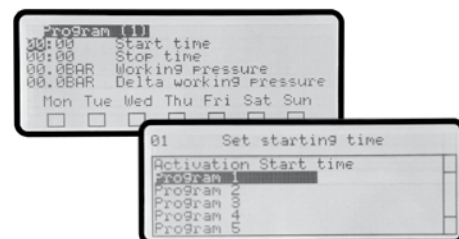
Installed on models from 18.5 to 75 kW.

Controller with backlit multi-function and multi-language LCD display with drop-down menu. The main data displayed are:

- operating pressure (load, idle pressure);
- oil temperature;
- compressor status (stand-by, idle, load);
- fan status (on/off);
- date and time;
- remaining hours to maintenance;
- total operation hours;
- load operation hours;
- inverter percentage of use (VS models only).

Weekly programming

With the ETIV controller, it is possible to set up to 9 independent operating programs. For each program it is possible to set the switching on and off times, the days of the week in which it must work and the relative pressure range. In case of a system with several compressors, both at fixed and variable speed, it is possible to set various programs to create a "virtual network" (without the need to physically connect them together).



SMS Device (Service Management System)

SMS is the innovative device for remote control and predictive maintenance of screw compressors fitted with an ETIV controller. If the device is configured on internet networks via Wi-Fi or Ethernet, e-mails can be automatically sent in case of faults and/or automatic periodic e-mails (every hour, every day, every week) so as to monitor correct compressor operation and the remaining hours for the main scheduled maintenance.

Preventive and targeted maintenance:

- automatic sending of e-mails in case of alarms,
- possibility of sending e-mails which notify the compressor status and settings at pre-set intervals (hourly, daily or weekly).

Remote control of the compressor:

- no additional software is required,
- on/off control,
- access to the various menu levels (user, service),
- compressor online status check.



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ANTENNA+SMS DEVICE KIT



FILTERS

Oversized oil filter, oil separator filter (both spin-on type) and air filter: this means long service intervals and lower costs.



RADIAL FAN

The thermostatic controlled radial fan ensures ideal cooling granting low noise level.



AIR DRYER

Tank-mounted versions are also available with refrigerating dryer (ES versions), in a plug and play solution ready to go.

DBS SE 2.2 - 3.0 - 4.0

ELECTROMECHANICAL

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

Main features:

- Integrated phase sequence relay for air-end direction of rotation check.
- 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 pneumatic network to start work without any additional effort.
- Available with 200-lt tank and with dryer.
- Simple maintenance: the internal mechanical parts are easily accessible to perform routine maintenance quickly and simply.





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.



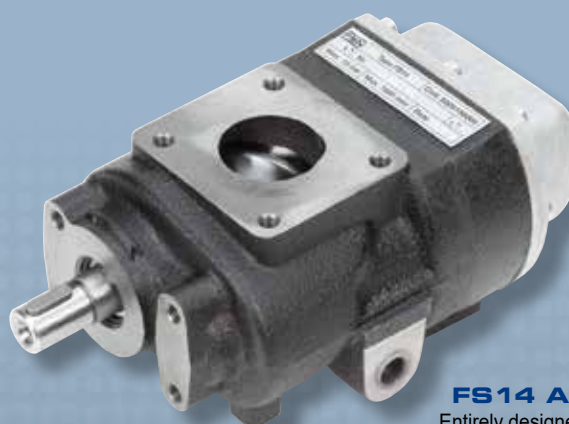
BALL VALVE

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



RELIABLE TRANSMISSION

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.



OIL FILTERS

Oversized oil filter, oil separator filter (both spin-on type) and air filter: this means long service intervals and lower costs.



RADIAL FAN

The thermostatic controlled radial fan ensures ideal cooling, granting low noise level.



AIR DRYER

Tank-mounted versions are also available with refrigerating dryer (ES), in a plug and play solution ready to go.



DBS 4.0 - 5.5

ELECTRONIC

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

Main features:

- Integrated phase sequence relay for air-end direction of rotation check.
- Very compact design.
- Minimum 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.
- Simple maintenance: the internal mechanical parts are easy to access, to perform routine maintenance quickly and simply.

ETMII

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



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor operation to guarantee minimum pressure during idling and maximum saving.



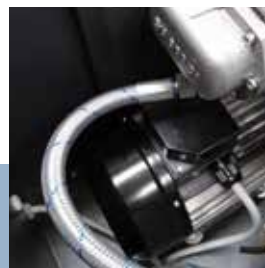
PRESSURE TRANSDUCER

The transducer guarantees an accurate and stable pressure measurement, 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.



Floor mounted
compressor



Compressor
+ 200 l air receiver



Compressor
+ 200 l air receiver + dryer

ELECTROMECHANICAL

Model	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.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
2.2 kW																
DBS SE 2.2-08	V51JU72FDR071	-	2.2	3	325	0.33	11	8	116	FS14	58	1/2"	93	580x480x760	104	720x670x970
DBS SE 2.2-10	V51JT72FDR071	-	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	93	580x480x760	109	720x670x970
DBS SE 2.2-08 M	V51JU60FDR071	-	2.2	3	300	0.30	11	8	116	FS14	58	1/2"	98	580x480x760	109	720x670x970
DBS SE 2.2-10 M	V51JT60FDR071	-	2.2	3	240	0.24	8	10	145	FS14	58	1/2"	98	580x480x760	109	720x670x970
DBS SE 2.2-08-200	V77JU72FDR071	200	2.2	3	325	0.33	11	8	116	FS14	58	1/2"	142	1480x520x1280	175	1560x660x1430
DBS SE 2.2-10-200	V77JT72FDR071	200	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	142	1480x520x1280	175	1560x660x1430
DBS SE 2.2-10-200 M	V77JT60FDR071	200	2.2	3	240	0.24	8	10	145	FS14	58	1/2"	148	1480x520x1280	181	1560x660x1430
DBS SE 2.2-08-200 ES	V77JU72FDR171	200	2.2	3	325	0.33	11	8	116	FS14	58	1/2"	164	1480x520x1280	197	1560x660x1430
DBS SE 2.2-10-200 ES	V77JT72FDR171	200	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	164	1480x520x1280	197	1560x660x1430
DBS SE 2.2-10-200 ES M	V77JT60FDR171	200	2.2	3	240	0.24	8	10	145	FS14	58	1/2"	144	1480x520x1280	190	1560x660x1430
3 kW																
DBS SE 3.0-08	V51JS72FDR071	-	3	4	430	0.43	15	8	116	FS14	59	1/2"	99	580x480x760	110	720x670x970
DBS SE 3.0-10	V51JQ72FDR071	-	3	4	385	0.39	14	10	145	FS14	59	1/2"	99	580x480x760	110	720x670x970
DBS SE 3.0-08-200	V77JS72FDR071	200	3	4	430	0.43	15	8	116	FS14	59	1/2"	155	1480x520x1280	188	1560x660x1430
DBS SE 3.0-10-200	V77JQ72FDR071	200	3	4	385	0.39	14	10	145	FS14	59	1/2"	155	1480x520x1280	188	1560x660x1430
DBS SE 3.0-08-200 ES	V77JS72FDR171	200	3	4	430	0.43	15	8	116	FS14	59	1/2"	177	1480x520x1280	210	1560x660x1430
DBS SE 3.0-10-200 ES	V77JQ72FDR171	200	3	4	385	0.39	14	10	145	FS14	59	1/2"	177	1480x520x1280	210	1560x660x1430
4 kW																
DBS SE 4.0-08	V51JR72FDR071	-	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	108	580x480x760	119	720x670x970
DBS SE 4.0-10	V51JP72FDR071	-	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	108	580x480x760	109	720x670x970
DBS SE 4.0-08-200	V77JR72FDR071	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	157	1480x520x1280	190	1560x660x1430
DBS SE 4.0-10-200	V77JP72FDR071	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	157	1480x520x1280	190	1560x660x1430
DBS SE 4.0-08-200 ES	V77JR72FDR171	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	179	1480x520x1280	212	1560x660x1430
DBS SE 4.0-10-200 ES	V77JP72FDR171	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	179	1480x520x1280	212	1560x660x1430

Air flow was measured at 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 2151, with a tolerance of ± 3 dB(A).



Floor mounted
compressor



Compressor
+ 200 l air receiver



Compressor
+ 500 l air receiver + dryer

ELECTRONIC

Model	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.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
4 kW																
DBS 4.0-08	V51JR92FDRA71	-	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	126	600x520x780	137	720x670x970
DBS 4.0-10	V51JP92FDRA71	-	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	126	600x520x780	137	720x670x970
DBS 4.0-13	V51JV92FDRA71	-	4	5.5	330	0.33	12	13	189	FS14	60	1/2"	126	600x520x780	137	720x670x970
DBS 4.0-08 200	V77JR92FDRA71	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	178	1430x550x1310	205	1540x620x1470
DBS 4.0-10 200	V77JP92FDRA71	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	178	1430x550x1310	205	1540x620x1470
DBS 4.0-08-200 ES	V77JR92FDRB71	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	208	1430x550x1310	232	1540x620x1470
DBS 4.0-10-200 ES	V77JP92FDRB71	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	208	1430x550x1310	232	1540x620x1470
5.5 kW																
DBS 5.5-08	V51JW92FDR071	-	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	130	600x520x780	141.5	720x670x970
DBS 5.5-10	V51JO92FDR071	-	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	130	600x520x780	141.5	720x670x970
DBS 5.5-13	V51JM92FDR071	-	5.5	7.5	485	0.49	17	13	189	FS14	64	1/2"	130	600x520x780	141.5	720x670x970
DBS 5.5-08 270	V91JW92FDR071	270	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	205	1560x570x1390	240	1720x750x1680
DBS 5.5-10-270	V91JO92FDR071	270	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	205	1560x570x1390	240	1720x750x1680
DBS 5.5-08-500	V83JW92FDR071	500	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	275	2000x600x1480	320	2070x800x1680
DBS 5.5-10-500	V83JO92FDR071	500	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	275	2000x600x1480	320	2070x800x1680
DBS 5.5-08-270 ES	V91JW92FDR171	270	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	230	1560x570x1390	265	1720x750x1680
DBS 5.5-10-270 ES	V91JO92FDR171	270	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	230	1560x570x1390	265	1720x750x1680
DBS 5.5-13-270 ES	V91JM92FDR171	270	5.5	7.5	485	0.49	17	13	189	FS14	64	1/2"	229	1560x570x1390	265	1720x750x1680
DBS 5.5-08-500 ES	V83JW92FDR171	500	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	310	2000x600x1480	352	2070x800x1680
DBS 5.5-10-500 ES	V83JO92FDR171	500	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	310	2000x600x1480	352	2070x800x1680

Air flow was measured at 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 2151, with a tolerance of ±3 dB(A).



RADIAL FAN

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



RELIABLE TRANSMISSION

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



PRESSURE TRANSDUCER

The transducer guarantees an accurate and stable pressure measurement, allows direct modification of 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, total load hours, load/idle running, oil temperature.

DBS 8 - 11 - 15 - 16



FS26 - FS50 AIR-ENDS

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



Main features:

- 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 versions), in a plug and play solution ready to go.



Floor mounted
compressor

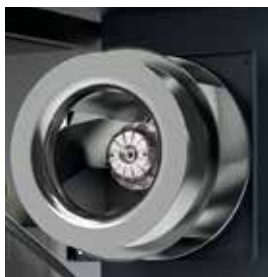


Compressor
+ 270 l air receiver



Compressor
+ 270 l air receiver + dryer

Model	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.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
7.5 kW																
DBS 8-08	V60NG92FDR071	-	7.5	10	1250	1.25	44	8	116	FS26	68	3/4"	205	820x680x980	219	940x770x1150
DBS 8-10	V60NH92FDR071	-	7.5	10	1000	1.00	35	10	145	FS26	68	3/4"	205	820x680x980	219	940x770x1150
DBS 8-13	V60NI92FDR071	-	7.5	10	750	0.75	26	13	189	FS26	68	3/4"	205	820x680x980	219	940x770x1150
DBS 8-15	V60NJ92FDR071	-	7.5	10	670	0.67	24	15	218	FS26	68	3/4"	205	820x680x980	219	940x770x1150
DBS 8-08-270	V91NG92FDR071	270	7.5	10	1250	1.25	44	8	116	FS26	68	3/4"	288	1560x680x1510	318	1720x750x1760
DBS 8-10-270	V91NH92FDR071	270	7.5	10	1000	1.00	35	10	145	FS26	68	3/4"	288	1560x680x1510	318	1720x750x1760
DBS 8-13-270	V91NI92FDR071	270	7.5	10	750	0.75	26	13	189	FS26	68	3/4"	288	1560x680x1510	367	1720x750x1760
DBS 8-15-270	V91NJ92FDR071	270	7.5	10	670	0.67	24	15	218	FS26	68	3/4"	288	1560x680x1510	367	1720x750x1760
DBS 8-08-270 ES	V91NG92FDR171	270	7.5	10	1250	1.25	44	8	116	FS26	68	1"	315	1560x680x1510	345	1720x750x1760
DBS 8-10-270 ES	V91NH92FDR171	270	7.5	10	1000	1.00	35	10	145	FS26	68	1"	315	1560x680x1510	345	1720x750x1760
DBS 8-13-270 ES	V91NI92FDR171	270	7.5	10	750	0.75	26	13	189	FS26	68	1"	315	1560x680x1510	394	1720x750x1760
DBS 8-15-270 ES	V91NJ92FDR171	270	7.5	10	670	0.67	24	15	218	FS26	68	1"	315	1560x680x1510	394	1720x750x1760
DBS 8-08-500	V83NG92FDR071	500	7.5	10	1250	1.25	44	8	116	FS26	68	3/4"	334	2000x680x1630	374	2070x800x1850
DBS 8-10-500	V83NH92FDR071	500	7.5	10	1000	1.00	35	10	145	FS26	68	3/4"	334	2000x680x1630	374	2070x800x1850
DBS 8-13-500	V83NI92FDR071	500	7.5	10	750	0.75	26	13	189	FS26	68	3/4"	334	2000x680x1630	374	2070x800x1850
DBS 8-08-500 ES	V83NG92FDR171	500	7.5	10	1250	1.25	44	8	116	FS26	68	1"	361	2000x680x1630	401	2070x800x1850
DBS 8-10-500 ES	V83NH92FDR171	500	7.5	10	1000	1.00	35	10	145	FS26	68	1"	361	2000x680x1630	401	2070x800x1850
DBS 8-13-500 ES	V83NI92FDR171	500	7.5	10	750	0.75	26	13	189	FS26	68	1"	361	2000x680x1630	401	2070x800x1850
11 kW																
DBS 11-08	V60NL92FDR071	-	11	15	1650	1.65	58	8	116	FS26	69	3/4"	216	820x680x980	230	940x770x1150
DBS 11-10	V60NM92FDR071	-	11	15	1500	1.50	53	10	145	FS26	69	3/4"	216	820x680x980	230	940x770x1150
DBS 11-13	V60NN92FDR071	-	11	15	1100	1.10	39	13	189	FS26	69	3/4"	216	820x680x980	230	940x770x1150
DBS 11-15	V60NN92FDR271	-	11	15	980	0.98	35	15	218	FS26	69	3/4"	216	820x680x980	230	940x770x1150
DBS 11-08-270	V91NL92FDR071	270	11	15	1650	1.65	58	8	116	FS26	69	3/4"	302	1560x680x1510	332	1720x750x1760
DBS 11-10-270	V91NM92FDR071	270	11	15	1500	1.50	53	10	145	FS26	69	3/4"	302	1560x680x1510	332	1720x750x1760
DBS 11-13-270	V91NN92FDR371	270	11	15	1100	1.10	39	13	189	FS26	69	3/4"	302	1560x680x1510	381	1720x750x1760
DBS 11-15-270	V91NN92FDR071	270	11	15	980	0.98	35	15	218	FS26	69	3/4"	302	1560x680x1510	381	1720x750x1760
DBS 11-08-270 ES	V91NL92FDR171	270	11	15	1650	1.65	58	8	116	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
DBS 11-10-270 ES	V91NM92FDR171	270	11	15	1500	1.50	53	10	145	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
DBS 11-13-270 ES	V91NN92FDR271	270	11	15	1100	1.10	39	13	189	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
DBS 11-15-270 ES	V91NN92FDR171	270	11	15	980	0.98	35	15	218	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
DBS 11-08-500	V83NL92FDR071	500	11	15	1650	1.65	58	8	116	FS26	69	3/4"	353	2000x680x1630	393	2070x800x1850
DBS 11-10-500	V83NM92FDR071	500	11	15	1500	1.50	53	10	145	FS26	69	3/4"	353	2000x680x1630	393	2070x800x1850
DBS 11-13-500	V83NN92FDR071	500	11	15	1100	1.10	39	13	189	FS26	69	3/4"	353	2000x680x1630	393	2070x800x1850
DBS 11-08-500 ES	V83NL92FDR171	500	11	15	1650	1.65	58	8	116	FS26	69	1"	380	2000x680x1630	420	2070x800x1850
DBS 11-10-500 ES	V83NM92FDR171	500	11	15	1500	1.50	53	10	145	FS26	69	1"	380	2000x680x1630	420	2070x800x1850
DBS 11-13-500 ES	V83NN92FDR171	500	11	15	1100	1.10	39	13	189	FS26	69	1"	380	2000x680x1630	420	2070x800x1850
15 kW																
DBS 15-08	V60NP92FDR071	-	15	20	2150	2.15	76	8	116	FS26	70	3/4"	220	820x680x980	234	940x770x1150
DBS 15-10	V60NQ92FDR071	-	15	20	1850	1.85	65	10	145	FS26	70	3/4"	220	820x680x980	234	940x770x1150
DBS 15-13	V60NR92FDR071	-	15	20	1500	1.50	53	13	189	FS26	70	3/4"	220	820x680x980	234	940x770x1150
DBS 15-15	V60NJ92FDR271	-	15	20	1300	1.30	46	15	218	FS26	70	3/4"	220	820x680x980	234	940x770x1150
DBS 15-08-500	V83NP92FDR071	500	15	20	2150	2.15	76	8	116	FS26	70	3/4"	383	2000x680x1630	423	2070x800x1850
DBS 15-10-500	V83NQ92FDR071	500	15	20	1850	1.85	65	10	145	FS26	70	3/4"	383	2000x680x1630	423	2070x800x1850
DBS 15-13-500	V83NR92FDR071	500	15	20	1500	1.50	53	13	189	FS26	70	3/4"	383	2000x680x1630	423	2070x800x1850
DBS 15-15-500	V83NJ92FDR271	500	15	20	1300	1.30	46	15	218	FS26	70	3/4"	383	2000x680x1630	455	2070x800x1850
DBS 15-08-500 ES	V83NP92FDR171	500	15	20	2150	2.15	76	8	116	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
DBS 15-10-500 ES	V83NQ92FDR171	500	15	20	1850	1.85	65	10	145	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
DBS 15-13-500 ES	V83NR92FDR171	500	15	20	1500	1.50	53	13	189	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
DBS 15-15-500 ES	V83NJ92FDR371	500	15	20	1300	1.30	46	15	218	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
DBS 16-08	V60NB92FDR071	-	15	20	2350	2.35	83	8	116	FS50	68	3/4"	234	820x680x980	248	940x770x1150
DBS 16-10	V60NY92FDR071	-	15	20	2050	2.05	72	10	145	FS50	68	3/4"	234	820x680x980	248	940x770x1150
DBS 16-13	V60NW92FDR071	-	15	20	1750	1.75	62	13	189	FS50	68	3/4"	234	820x680x980	248	940x770x1150
DBS 16-08-500	V83NB92FDR071	500	15	20	2350	2.35	83	8	116	FS50	68	3/4"	410	2000x680x1630	450	2070x800x1850
DBS 16-10-500	V83NY92FDR071	500	15	20	2050	2.05	72	10	145	FS50	68	3/4"	410	2000x680x1630	450	2070x800x1850
DBS 16-13-500	V83NW92FDR071	500	15	20	1750	1.75	62	13	189	FS50	68	3/4"	410	2000x680x1630	511	2070x800x1850
DBS 16-08-500 ES	V83NB92FDR171	500	15	20	2350	2.35	83	8	116	FS50	68	1"	439	2000x680x1630	479	2070x800x1850
DBS 16-10-500 ES	V83NY92FDR171	500	15	20	2050	2.05	72	10	145	FS50	68	1"	439	2000x680x1630	479	2070x800x1850
DBS 16-13-500 ES	V83NW92FDR171	500	15	20	1750	1.75	62	13	189	FS50	68	1"	439	2000x680x1630	511	2070x800x1850



RADIAL FAN

The compressor cabinet is cooled by two radial fans directly controlled by the ETIV, in order to quickly reach and maintain the operating temperature ideal for efficient operation.



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor operation to guarantee minimum pressure during idle running and maximum energy saving.



MINIMUM PRESSURE VALVE

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



PREFILTERING PANEL

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



RELIABLE TRANSMISSION

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



DBS 18.5 - 22

Main features:

- All most important components of the compressor are machined internally with highly evolved process controlled machines.
- The cooling air flow, driven by the two thermostatic controlled radial fans, 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 versions).



FS50 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.



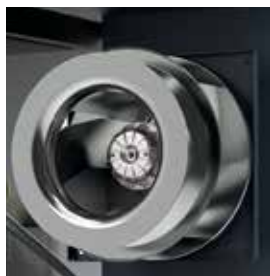
DRYER MODULE

The dryer module provides clean, dry air that improves the system reliability, avoids costly downtime and production delays, and safeguards the quality of the final product.

Compressor + Dryer

Model	Code	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.							
18.5 kW															
DBS 18.5-08	V60QA92FDRA71	18.5	25	2800	2.80	99	8	116	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
DBS 18.5-10	V60QB92FDRA71	18.5	25	2500	2.50	88	10	145	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
DBS 18.5-13	V60QC92FDRA71	18.5	25	2150	2.15	76	13	189	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
DBS 18.5-15	V60QS92FDRA71	18.5	25	1650	1.65	58	15	218	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
DBS 18.5-08 ES	V60QA92FDRB71	18.5	25	2800	2.80	99	8	116	FS50	66	1" 1/4	447	1740x830x1130	537	2050x1140x1670
DBS 18.5-10 ES	V60QB92FDRB71	18.5	25	2500	2.50	88	10	145	FS50	66	1" 1/4	447	1740x830x1130	537	2050x1140x1670
DBS 18.5-13 ES	V60QC92FDRB71	18.5	25	2150	2.15	76	13	189	FS50	66	1" 1/4	447	1740x830x1130	537	2050x1140x1670
22 kW															
DBS 22-08	V60QD92FDRA71	22	30	3350	3.35	118	8	116	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
DBS 22-10	V60QE92FDRA71	22	30	3000	3.00	106	10	145	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
DBS 22-13	V60QF92FDRA71	22	30	2400	2.40	85	13	189	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
DBS 22-15	V60QK92FDRA71	22	30	1970	1.97	70	15	218	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
DBS 22-08 ES	V60QD92FDRB71	22	30	3350	3.35	118	8	116	FS50	68	1" 1/4	469	1740x830x1130	559	2050x1140x1670
DBS 22-10 ES	V60QE92FDRB71	22	30	3000	3.00	106	10	145	FS50	68	1" 1/4	469	1740x830x1130	559	2050x1140x1670
DBS 22-13 ES	V60QF92FDRB71	22	30	2400	2.40	85	13	189	FS50	68	1" 1/4	469	1740x830x1130	559	2050x1140x1670

Air flow was measured at the following operating pressure values: 8 bar for "08" models - 10 bar for "10" models - 13 bar for "13" models - 15 bar for "15" models.
The data and results were measured in accordance with standard ISO 1217. The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).



RADIAL FAN

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



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.



EASE OF MAINTENANCE

All of the internal mechanical and service parts are easy to access, for fast and simple routine maintenance.



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor operation to guarantee minimum pressure during idle running and maximum energy saving.



DBS 31 - 38

Main features:

- 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, driven 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 - FS140 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.
FS140 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 provides 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

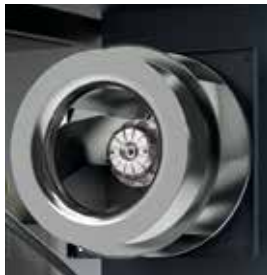
Model	Code	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
30 kW															
DBS 31-08	V60BU92FDRA71	30	40	4700	4.70	166	8	116	FS100	70	1" 1/4	663	1530x880x1440	737	1690x1030x1730
DBS 31-10	V60BV92FDRA71	30	40	4200	4.20	148	10	145	FS100	70	1" 1/4	663	1530x880x1440	737	1690x1030x1730
DBS 31-13	V60BW92FDRA71	30	40	3400	3.40	120	13	189	FS100	70	1" 1/4	663	1530x880x1440	737	1690x1030x1730
DBS 31-08 ES	V60BU92FDRB71	30	40	4700	4.70	166	8	116	FS100	70	1" 1/2	728	1860x910x1440	818	2050x1140x1670
DBS 31-10 ES	V60BV92FDRB71	30	40	4200	4.20	148	10	145	FS100	70	1" 1/2	728	1860x910x1440	818	2050x1140x1670
DBS 31-13 ES	V60BW92FDRB71	30	40	3400	3.40	120	13	189	FS100	70	1" 1/2	728	1860x910x1440	818	2050x1140x1670
37 kW															
DBS 38-08	V60BK92FDRA71	37	50	6000	6.00	212	7.5	109	FS140	68	1" 1/4	724	1530x880x1440	798	1690x1030x1730
DBS 38-10	V60BJ92FDRA71	37	50	5300	5.30	187	10	145	FS140	68	1" 1/4	724	1530x880x1440	798	1690x1030x1730
DBS 38-13	V60BI92FDRA71	37	50	4000	4.00	141	13	189	FS140	68	1" 1/4	724	1530x880x1440	798	1690x1030x1730
DBS 38-08 ES	V60BK92FDRB71	37	50	6000	6.00	212	7.5	109	FS140	68	1" 1/2	789	1860x910x1440	879	2050x1140x1670
DBS 38-10 ES	V60BJ92FDRB71	37	50	5300	5.30	187	10	145	FS140	68	1" 1/2	789	1860x910x1440	879	2050x1140x1670
DBS 38-13 ES	V60BI92FDRB71	37	50	4000	4.00	141	13	189	FS140	68	1" 1/2	789	1860x910x1440	879	2050x1140x1670

Air flow was measured at the following operating pressure values: 7.5 bar for "38-08" models - 8 bar for "31-08" models - 10 bar for "10 bar" models - 13 bar for "13 bar" models. The data and results were measured in accordance with standard ISO 1217. The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).



RELIABLE TRANSMISSION

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



RADIAL FAN

A thermostatic controlled radial fan keeps the temperature of the entire compressor within a defined range, avoiding temperature peaks that can be harmful for the correct operation of the compressor. The action of the fan, combined with the efficiency of the oversized oil cooler, guarantees the ideal operation of the compressor even in extreme climatic conditions. The "silent" fan along with the specially developed labyrinth ventilation and the use of high quality soundproofing materials ensure one of the lowest acoustic levels.



FILTERS

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



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor operation to guarantee minimum pressure during idle running and maximum energy saving.

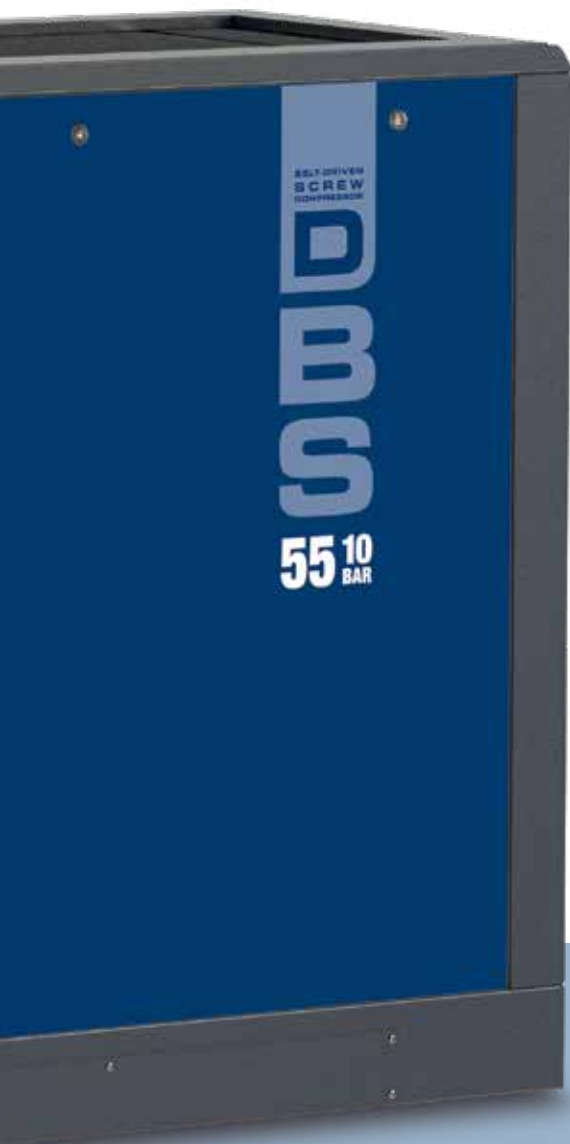
DBS 45 - 55

Main features:

- 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 ventilation circuit is completed by a cabinet prefiltering panel (standard on every model) that separates the incoming dusts and 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.



The basement has been designed to allow the compressor to be lifted from the forklift both frontally and laterally, simply by removing the cover panels which, when installed, silence the machine.



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.



FS140 AIR-END

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

Model	Code	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.							
45 kW															
DBS 45-08	V60BM92FDRA71	45	60	7200	7.20	254	7.5	109	FS140	72	1" 1/2	946	1590x1000x1570	1032	1800x1200x2110
DBS 45-10	V60BN92FDRA71	45	60	6500	6.50	230	10	145	FS140	72	1" 1/2	946	1590x1000x1570	1032	1800x1200x2110
DBS 45-13	V60BQ92FDRA71	45	60	5100	5.10	180	13	189	FS140	72	1" 1/2	946	1590x1000x1570	1032	1800x1200x2110
55 kW															
DBS 55-08	V60BR92FDRA71	55	75	8600	8.60	304	7.5	109	FS140	74	1" 1/2	1009	1590x1000x1570	1095	1800x1200x2110
DBS 55-10	V60BS92FDRA71	55	75	7800	7.80	275	10	145	FS140	74	1" 1/2	1009	1590x1000x1570	1095	1800x1200x2110
DBS 55-13	V60BT92FDRA71	55	75	6400	6.40	226	13	189	FS140	74	1" 1/2	1009	1590x1000x1570	1095	1800x1200x2110

Air flow was measured at the following operating pressure values: 7.5 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 2151, with a tolerance of ±3 dB(A).



RELIABLE TRANSMISSION

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



RADIAL FAN

The radial fan supplies the optimum cooling air flow for the air/oil cooler: safe operation in any environmental condition with minimum noise level.



FILTERS

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



INTAKE REGULATOR

The electro-pneumatic system adjusts compressor operation to guarantee minimum pressure during idle running and maximum energy saving.

DBS 56 - 75

Main features:

- Equipped with Poly-V belt drive, oversized combined heat exchanger and thermostatic controlled radial 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.





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.



The DBS 75 ensure significant energy savings, thanks to the IE4 "Super Premium Efficiency" class motor.



NEW!

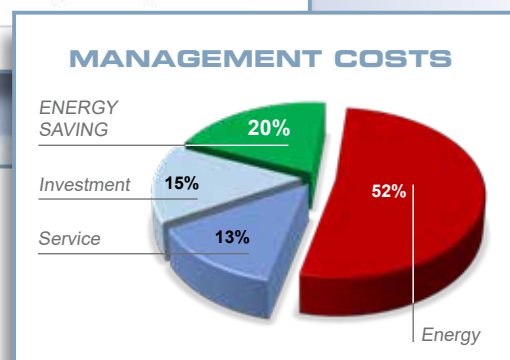
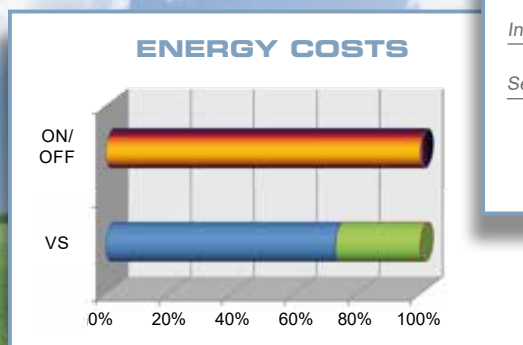
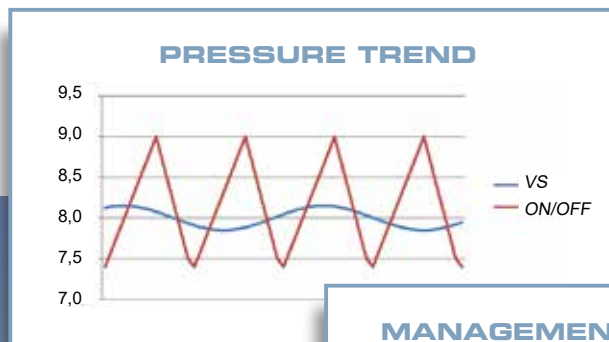
FS270 AIR-END

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

Model	Code	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
55 kW															
DBS 56-08	V60BA92FDRA71	55	75	9300	9.30	328	7.5	109	FS270	70	2"	1360	1800x1140x1860	1470	2000x1290x2270
DBS 56-10	V60BB92FDRA71	55	75	8300	8.30	293	10	145	FS270	70	2"	1360	1800x1140x1860	1470	2000x1290x2270
DBS 56-13	V60BC92FDRA71	55	75	7000	7.00	247	13	189	FS270	70	2"	1360	1800x1140x1860	1470	2000x1290x2270
75 kW															
DBS 75-08	V60BD92FDRA71	75	100	12200	12.20	431	7.5	109	FS270	72	2"	1470	1800x1140x1860	1580	2000x1290x2270
DBS 75-10	V60BE92FDRA71	75	100	10500	10.50	371	10	145	FS270	72	2"	1470	1800x1140x1860	1580	2000x1290x2270
DBS 75-13	V60BF92FDRA71	75	100	8300	8.30	293	13	189	FS270	72	2"	1470	1800x1140x1860	1580	2000x1270x2270

Air flow was measured at the following operating pressure values: 7.5 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 2151, with a tolerance of ± 3 dB(A).

- 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.



The DBS 75 ensure significant energy savings, thanks to the IE4 "Super Premium Efficiency" class motor.

Model	Code	Power		Air outflow rate (min. - max.)			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.							
VARIABLE SPEED															
DBS 11-08 VS	V60SN97FDR071	11	15	650 - 1650	0.65 - 1.65	23 - 58	8	116	FS26	63	3/4"	271	1200x700x1000	292	1330x800x1280
DBS 11-10 VS	V60SP97FDR071	11	15	750 - 1500	0.75 - 1.50	26 - 53	10	145	FS26	63	3/4"	271	1200x700x1000	292	1330x800x1280
DBS 22-08 VS	V60QD97FDRA71	22	30	1350 - 3350	1.35 - 3.35	48 - 118	8	116	FS50	68	1"	437	1360x830x1130	519	1530x1000x1380
DBS 22-10 VS	V60QE97FDRA71	22	30	1220 - 3050	1.22 - 3.05	43 - 108	10	145	FS50	68	1"	437	1360x830x1130	519	1530x1000x1380
DBS 31-08 VS	V60BU97FDRA71	30	40	1700 - 4700	1.70 - 4.70	60 - 166	8	116	FS100	67	1" 1/4	695	1530x880x1440	756	1690x1030x1730
DBS 31-10 VS	V60BV97FDRA71	30	40	1500 - 4200	1.50 - 4.20	53 - 148	10	145	FS100	68	1" 1/4	695	1530x880x1440	756	1690x1030x1730
DBS 31-13 VS	V60BW97FDRA71	30	40	1300 - 3400	1.30 - 3.40	46 - 120	13	189	FS100	64	1" 1/4	695	1530x880x1440	756	1690x1030x1730
DBS 38-08 VS	V60BK97FDRA71	37	50	2400 - 6000	2.40 - 6.00	85 - 212	8	116	FS140	68	1" 1/4	748	1530x880x1440	817	1690x1030x1730
DBS 38-10 VS	V60BJ97FDRA71	37	50	2100 - 5300	2.10 - 5.30	74 - 187	10	145	FS140	68	1" 1/4	748	1530x880x1440	817	1690x1030x1730
DBS 56-08 VS	V60BA97FDRA71	55	75	3700 - 9300	3.70 - 9.30	131 - 328	8	116	FS270	70	2"	1396	1800x1140x1860	1515	2000x1290x2270
DBS 56-10 VS	V60BB97FDRA71	55	75	3300 - 8300	3.30 - 8.30	117 - 293	10	145	FS270	70	2"	1396	1800x1140x1860	1515	2000x1290x2270
DBS 75-08 VS	V60BD97FDRA71	75	100	4800 - 12200	4.80 - 12.20	170 - 431	8	116	FS270	72	2"	1506	1800x1140x1860	1645	2000x1290x2270
DBS 75-10 VS	V60BE97FDRA71	75	100	4200 - 10500	4.20 - 10.50	148 - 371	10	145	FS270	72	2"	1506	1800x1140x1860	1645	2000x1290x2270

Air flow was measured at 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 2151, with a tolerance of ±3 dB(A).

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 outflow rate (min. - max.)			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.							
VARIABLE SPEED, WITH AIR DRYER															
DBS 11-08 ES VS	V60SN97FDR171	11	15	650 - 1650	0.65 - 1.65	23 - 58	8	116	FS26	63	3/4"	306	1200x700x1000	332	1330x800x1280
DBS 11-10 ES VS	V60SP97FDR171	11	15	750 - 1500	0.75 - 1.50	26 - 53	10	145	FS26	63	3/4"	306	1200x700x1000	332	1330x800x1280
DBS 22-08 ES VS	V60QD97FDRB71	22	30	1350 - 3350	1.35 - 3.35	48 - 118	8	116	FS50	68	1" 1/4	487	1740x830x1130	586	2050x1140x1670
DBS 22-10 ES VS	V60QE97FDRB71	22	30	1220 - 3050	1.22 - 3.05	43 - 108	10	145	FS50	68	1" 1/4	487	1740x830x1130	586	2050x1140x1670
DBS 38-08 ES VS	V60BK97FDRB71	37	50	2400 - 6000	2.40 - 6.00	85 - 212	8	116	FS140	68	1" 1/2	813	1860x910x1440	898	2050x1140x1670
DBS 38-10 ES VS	V60BJ97FDRB71	37	50	2100 - 5300	2.10 - 5.30	74 - 187	10	145	FS140	68	1" 1/2	813	1860x910x1440	898	2050x1140x1670

Air flow was measured at the following operating pressure values: 7.5 bar for "08" models - 9.5 bar for "10" models.
The data and results were measured in accordance with standard ISO 1217. The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).

Optimised control in the compressor room

Many compressed air stations include several compressors: EasyX4 is a weekly programmable sequencer, capable of configuring up to 4 fixed speed compressors, based on the amount of air actually required.

EasyX4 is the easiest solution for compressor sequencing and supervision over complex systems of compressors.

The programming is intuitive: it is sufficient to set the 4 pressure ranges (if 4 is the number of connected units) and later define at what time the entire compressor station shall start and stop, assigning at which pressure each compressor must work.



Three programming levels:

- **MANUAL:** compressors are fixed to a given operational pressure range;
- **AUTOMATIC:** with pressure range swapping after a programmable time interval;
- **GROUP PROGRAMMING:** where compressors can be switched within groups.

#405531604 EASY X4 CONTROLLER

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.

Our experience at your service

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



EA 400 cod. 9062747	Ideal for compressors' rooms up to 3 units <ul style="list-style-type: none"> 4 analogue inputs: <ul style="list-style-type: none"> - 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 <ul style="list-style-type: none"> 5 analogue inputs: <ul style="list-style-type: none"> - 4 measuring clamps - 1 pressure sensor 2 extensions for cables (10m long) 7" colour touch screen display

EXTEND THE LIFE AND EFFICIENCY OF YOUR COMPRESSOR.

The importance of original spare parts.

FSN is the brand of the original spare parts and after sales activities for all Dari 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.

The parts are stocked in our "LOGIMAT" 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.

Long Life Kit for screw compressors scheduled maintenance.

To make it easier to replace components throughout the various maintenance intervals specified in the use and maintenance manuals, Dari developed its LONG LIFE KITS, specifically created for all Dari screw compressor models.

Using FSN Long Life Kit ensures the maximum performances of the compressor over time. The LLK catalog with the codes suitable for the whole DBS range is available on the Dari website.



Specific lubricants for screw compressors

The use of low-quality lubricants may cause irreparable damages to the compressor or lead to unforeseen repair and maintenance costs.

The original FSN lubricants, with synthetic or mineral base, have been specifically designed for use on our screw compressors, supplied by the world leading manufacturers to maintain efficiency and reliability over time.

They are available in cans or drums.



#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)

RotarECOFLUID 46 cSt mineral oil

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.

#600000018A	1 x 3.8-litre can (3.25 kg)
#600000007A	1 x 19-litre can (16 kg)
#600000012A	1 x 208-litre drum (181 kg)

RotEnergyPLUS 46 cSt synthetic oil

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.

#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)

RotEnergyFOOD 46 cSt synthetic oil

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

We recommend changing synthetic or mineral oil according to the schedule provided in the compressor use and maintenance manual, or once a year.
We recommend using our mineral RotarECOFLUID oil or synthetic RotEnergy oil.
(OILS ARE NOT INCLUDED IN LONG LIFE KITS).

A world of tailor-made services for our customers.



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.

All the exploded drawings and the spare parts lists for every compressor model are available at any time on the Dari website:
www.daricompressors.com



Online exploded drawings and spare parts lists

Investment guaranteed up to 5 years!

By choosing Trust it is possible to extend the standard warranty period by 3 or 5 years, through a complete preventive maintenance program.



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

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



**A wide range of solutions
for professional applications:**



*Professional
range*



*Air Treatment
range*



*Pneumatic tools
and accessories*

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Models and features in this catalogue may be subject to changes without prior notice.