

AIRSTAR – Stationary compressors with belt drive

- ▶ Two-cylinder high-performance unit made of grey cast iron
- ▶ Fully automatic on/off operation
- ▶ Toothed drive belts
- ▶ Quality filter pressure regulator
- ▶ Automatic CONDOR pressure switch
- ▶ High-quality safety quick-release coupling
- ▶ Flexible armoured conduit with heat protection
- ▶ **10-year warranty on powder-coated containers against rusting through***
- ▶ Pressure gauge for tank pressure
- ▶ Ball valve on the tank
- ▶ Condensate drain valve
- ▶ Vibration elements



AIRSTAR 703/270/10 H



AIRSTAR 703/270/10 V

STATIONARY MODELS OPTIONAL
AS PER AD 2000 OR WITHOUT AD 2000!

Technical data		AIRSTAR 703/270/10 H	AIRSTAR 853/270/10 H	AIRSTAR 853/500/10 H	AIRSTAR 703/270/10 V	AIRSTAR 853/270/10 V
Art no. (no AD 2000)		2028751	2028761	2028764	2028750	2028760
Art no. (as per AD 2000)		2028753	2028763	2028765	2028752	2028762
Compressor system ¹⁾		HOS	HOS	HOS	HOS	HOS
Suction capacity approx.	l/min	620	860	860	620	860
Filling capacity at 6 bar approx.	l/min	520	720	720	520	720
Maximum pressure	bar	10	10	10	10	10
Tank capacity	l	270	270	500	270	270
Cylinder/stages		2/2	2/2	2/2	2/2	2/2
Speed	min ⁻¹	920	1250	1250	920	1250
Sound power level L _w	dB(A)	94	95	95	94	95
Sound pressure level L _p ³⁾	dB(A)	79	79	79	79	79
Motor power ~50 Hz	kW/V	4 / 400	5.5 / 400	5.5 / 400	4 / 400	5.5 / 400
Dimensions (L x W x H) approx.	mm	1510 x 520 x 1110	1510 x 520 x 1110	1960 x 600 x 1210	720 x 720 x 1770	720 x 720 x 1770
Weight approx.	kg	126	133	210	139	146

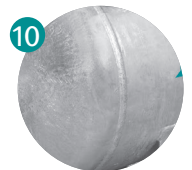
AIRPROFI - Professional equipment of the highest quality!

FACTS THAT IMPRESS IN TERMS OF QUALITY, PERFORMANCE AND PRICE!



- 1 High-quality Condor pressure switch
- 2 Quality electric motor from "Moll-Motor" with high starting torque with motor protection switch
- 3 With phase inverter as standard for 400 volt models
- 4 Ergonomically extended handlebar for comfortable, upright movement
- 5 Control panel with ergonomic, easy-to-read quality maintenance block with working pressure and boiler pressure gauges, filter regulator and oiler as well as two safety quick-release couplings in accordance with DIN EN 983 for unpressurised coupling
- 6 Third compressed air tapping point with ball valve on the tank
- 7 Three compressed air outlets for filtered compressed air, filtered and lubricated compressed air and a compressed air direct outlet from the boiler
- 8 Toothed quality drive belt for easy starting and improved running smoothness with better power transmission and reduced energy consumption
- 9 Large fan wheel and a cooling air baffle for better cooling
- 10 Sturdy belt guard made from metal mesh for high cooling air flow
- 11 Two-cylinder high-performance unit with aftercooler for low boiler inlet temperature and low speed ensure long service life
- 12 Flexible armoured conduit with heat protection
- 13 Start-up relief valve for easy and unpressurised start-up
- 14 Corrosion-free valve plates
- 15 Stable steering chassis with parking brake, large, puncture-proof wheels for comfortable transport
- 16 With practical transport handle on the container
- 17 Ball valve for easy condensate drainage
- 18 Galvanised container with 15-year guarantee against rusting through*

Authorised monitoring body tested compressor
(AIRPROFI 401/50 P, AIRPROFI 403/50 P, AIRPROFI 503/50 P, AIRPROFI 503/100 P, AIRPROFI 703/100 P)
Inspection before commissioning, also possible by a qualified person.



- Permanent protection against rust due to hot-dip galvanised container



AIRPROFI 401/50P
SET incl. SAR 10/15



- Protected, easy-to-read pressure gauges



SET incl. hose reel SAR 10/15
(item no. 2105862)
and mounting material

For details on the hose reel, see page AC 50

Technical data	AIRPROFI 401/50 P	AIRPROFI 403/50 P	AIRPROFI 503/50 P	AIRPROFI 503/100 P	AIRPROFI 703/100 P
Art no.	2018410.2SAR	2018430.2SAR	2018530.2SAR	2018531.2SAR	2018731.2SAR
SET incl.					
SAR 10/15					

Technical data		AIRPROFI 401/50 P	AIRPROFI 403/50 P	AIRPROFI 503/50 P	AIRPROFI 503/100 P	AIRPROFI 703/100 P
Art no.		2018410.2	2018430.2	2018530.2	2018531.2	2018731.2
Compressor system ¹⁾		HOS	HOS	HOS	HOS	HOS
Suction capacity approx.	l/min	365	390	510	510	650
Filling capacity at 6 bar approx.	l/min	266	285	400	400	520
Maximum pressure	bar	10	10	10	10	10
Tank capacity	l	50	50	50	100	100
Cylinder/stages		2/1	2/1	2/1	2/1	2/2
Speed	min ⁻¹	1360	1470	1310	1310	950
Sound power level L _{WA} ²⁾	dB(A)	96	96	95	93	93
Motor power ~50 Hz	kW/V	2.2 / 230	2.2 / 400	3 / 400	3 / 400	4 / 400
Dimensions (L x W x H) approx.	mm	810 x 430 x 790	810 x 430 x 790	860 x 440 x 880	1275 x 480 x 925	1275 x 480 x 1015
Weight approx.	kg	56	56	66	76	99

1) Description of compressor systems see main catalogue 2) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)

AIRPROFI – Mobile professional compressors with two cylinders

- ▶ The high-performance unit and low speed guarantee maximum running smoothness and a long service life
- ▶ The large fan wheel and a cooling air baffle on the cylinder ensure optimum cooling of the compressor
- ▶ Quality electric motor from "Moll-Motor"
- ▶ Electric motor equipped with motor protection switch
- ▶ Easy start-up due to start-up capacitor and start-up relief valve
- ▶ 400 volt models with phase inverter for easy manual reversal of the direction of rotation
- ▶ Toothed drive belt facilitates start-up
- ▶ Fully automatic on/off operation
- ▶ Extended bracket
- ▶ Large, puncture-proof wheels and stable steering chassis with parking brake make transport easy, as the compressor does not need to be lifted when travelling
- ▶ Swivel rollers only for horizontal models
- ▶ **15-year warranty against rusting through on hot-dip galvanised tanks***
- ▶ Simple condensate drain via ball valve

Authorised monitoring body tested compressor

AIRPROFI 401/90 V, AIRPROFI 503/90 V, AIRPROFI 853/100 P

Inspection before commissioning, also possible by a qualified person.



AIRPROFI 503/90 V



AIRPROFI 853/200



High-performance unit made of grey cast iron

- Aftercooler with large cooling fins for low tank inlet temperature
- Flexible armoured conduit with heat protection against vibration breakage



High-quality maximum equipment

- Filter pressure regulator for infinitely variable adjustment of the working pressure, with simultaneous dirt, oil and condensate separation
- One compressed air tapping point each for filtered compressed air, filtered and lubricated compressed air and a direct outlet on the compressed air tank
- Two one-hand safety couplings
- High-quality CONDOR pressure switch
- One pressure gauge each for tank and working pressure

NOTE:

AIRPROFI 703/100/15 and 703/200/15 are not equipped with control consoles.

Technical data		AIRPROFI 401/90 V	AIRPROFI 503/90 V	AIRPROFI 703/75/13 P	AIRPROFI 703/100/15	AIRPROFI 703/200/15	AIRPROFI 853/100 P	AIRPROFI 853/200 P
Art no.		2018414	2018533	2018734.2	2018735	2018737	2018831.2	2018832.2
Compressor system ¹⁾		HOS	HOS	HOS	HOS	HOS	HOS	HOS
Suction capacity approx.	l/min	365	510	575	575	575	850	850
Filling capacity at 6 bar approx.	l/min	266	400	460	460	460	680	680
Maximum pressure	bar	10	10	13	13 (15)	13 (15)	10	10
Tank capacity	l	90 l	90 l	75	100	200	100	200 (AD 2000)
Cylinder/stages		2/1	2/1	2/2	2/2	2/2	2/2	2/2
Speed	min ⁻¹	1360	1310	850	850	850	1240	1240
Sound power level L _w ²⁾	dB(A)	96	95	93	94	94	95	95
Motor power ~50 Hz	kW/V	2.2 / 230	3 / 400	4 / 400	4 / 400	4 / 400	5.5 / 400	5.5 / 400
Dimensions (L x W x H) approx.	mm	600 x 600 x 1070	600 x 600 x 1070	1020 x 440 x 1015	1275 x 480 x 1015	1190 x 680 x 1150	1275 x 480 x 1015	1190 x 680 x 1150
Weight approx.	kg	66	76	103	109	139	112	139

1) Description of compressor systems see main catalogue 2) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)

AIRPROFI – Stationary professional compressors with two cylinders

- The two-stage compression two-cylinder high-performance unit with grey cast iron cylinder block enables a very low engine speed, resulting in particularly smooth and low-vibration running, which guarantees a long service life
- Intercoolers and aftercoolers with large cooling fins ensure a low boiler inlet temperature and thus reduce condensate formation
- Flexible armoured conduit with heat protection
- Container hot-dip galvanised inside and out: **15-year warranty on the tank against rusting through***
- Quality electric motor from "Moll-Motor" equipped with motor protection switch
- Ready for connection with all fittings
- High-quality Condor pressure switch
- Star-delta switch with operating hours counter from 7.5 kW models



AIRPROFI H

- Start-up relief, oscillating elements
- From 7.5 kW with automatic star-delta start-up with operating hours counter as standard

10
bar

15
bar



AIRPROFI 853/270/10 H



AIRPROFI 853/200/10 H



AIRPROFI 903/500/15 H

Technical data		AIRPROFI 853/200/10 H	AIRPROFI 703/270/10 H	AIRPROFI 703/270/15 H	AIRPROFI 853/270/10 H	AIRPROFI 853/500/10 H	AIRPROFI 753/270/15 H	AIRPROFI 903/500/15 H	AIRPROFI 1253/500/10 H
Art no.		2022284	2025712	2025752	2025812	2025815	2025852	2025955	2026015
Suction capacity	l/min	850	650	575	850	850	750	1050	1200
Filling capacity	l/min	680	520	460	680	680	525	765	900
Maximum pressure	bar	10	10	15	10	10	15	15	10
Tank capacity (AD 2000)	l	200	270	270	270	500	270	500	500
Cylinder/stages		2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
Speed	min ⁻¹	1240	950	850	1240	1240	785	1160	1220
Air outlet	"	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Sound pressure level Lp	dB(A)	83	83	83	83	83	82	82	82
Motor power ~50 Hz	kW/V	5.5 / 400	4 / 400	4 / 400	5.5 / 400	5.5 / 400	5.5 / 400	7.5 / 400	7.5 / 400
Dimensions (L x W x H) approx.	mm	1150 x 500 x 1150	1190 x 600 x 1250	1190 x 600 x 1250	1150 x 600 x 1240	2020 x 570 x 1300	1190 x 600 x 1320	2020 x 570 x 1400	2020 x 570 x 1340
Weight approx.	kg	210	122	180	195	215	235	300	245

1) Sound power level according to DIN EN ISO 3744 (Directive 2000/14/EC)



AIRPROFI 853/270/10 V

AIRPROFI V

- Vibration elements

10
bar

15
bar



AIRPROFI 853/270/10 VK

AIRPROFI VK

- Vibration elements
- fine filter
- Safety stand pallet
- Refrigeration dryer

10
bar

15
bar



AIRPROFI 753/270/15 VKK

AIRPROFI VKK

Scope of delivery as for VK models
and additionally with:

- Condensate conditioner
for oil-water separation
- Automatic condensate drain

10
bar

15
bar

Technical data		AIRPROFI 703/270/10 V	AIRPROFI 703/270/15 V	AIRPROFI 753/270/15 V	AIRPROFI 853/270/10 V
Art no.		V: 2024712 VK: 2024712K KK: 2024712KK	V: 2024752 VK: 2024752K KK: 2024752KK	V: 2024852 VK: 2024852K KK: 2024852KK	V: 2024812 VK: 2024812K KK: 2024812KK
Maximum pressure		10 bar	15 bar	15 bar	10 bar
Suction capacity	l/min	650	575	750	850
Filling capacity	l/min	520	460	525	680
Tank capacity	l	270 l (AD 2000)	270 l (AD 2000)	270 l (AD 2000)	270 l (AD 2000)
Cylinder/stages		2/2	2/2	2/2	2/2
Speed	min ⁻¹	950	850	785	1240
Boiler air outlet	"	3/4	3/4	3/4	3/4
Refrigeration dryer air outlet	"	V: -/VK/KK: 3/8	-	-	V: -/VK/VKK: 1/2
Sound power level L _w ¹⁾	dB(A)	-	-	-	-
Sound pressure level L _p	dB(A)	83	83	83	83
Motor power ~50 Hz	kW/V	4 / 400	4 / 400	5.5 / 400	5.5 / 400
Dimensions (L x W x H) approx.	mm	V: 780 x 680 x 1870 VK/VKK: 1200 x 680 x 1970	V: 780 x 680 x 1870 VK/VKK: 1200 x 800 x 1970	V: 780 x 680 x 1870 VK/VKK: 1200 x 800 x 1970	V: 780 x 680 x 1870 VK/VKK: 1200 x 800 x 1970
Weight approx.	kg	V: 152 / VK: 194 / VKK: 197	V: 152 / VK: 194 / VKK: 197	V: 152 / VK: 194 / VKK: 204	V: 152 / VK: 201 / VKK: 204

AIRPROFI DUO – Universally applicable compressed air station with 2 x 100 l or 2 x 75 l compressed air tanks

- Fully assembled on a safety stand pallet, space-saving and transportable
- With 13 bar operating pressure on 2 x 75 litre compressed air tanks

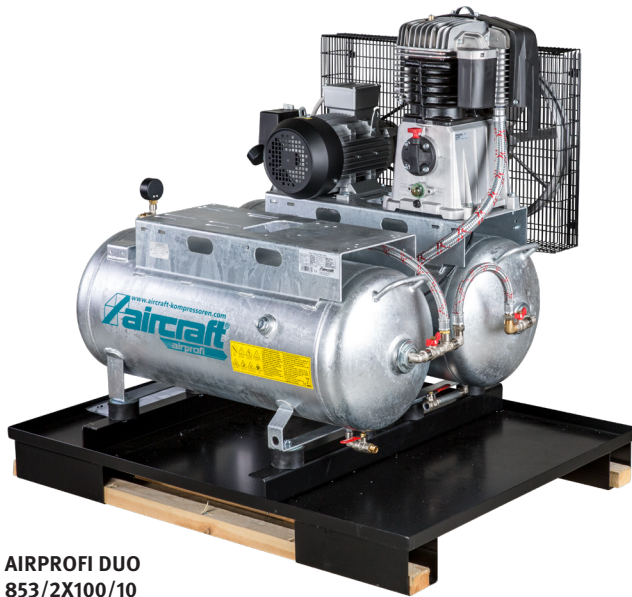
YOUR ADVANTAGE:

- Increased flexibility
- Flexible armoured conduit with heat protection
- By switching on the second compressed air tank, the boiler volume is doubled, allowing a higher air supply to be built up

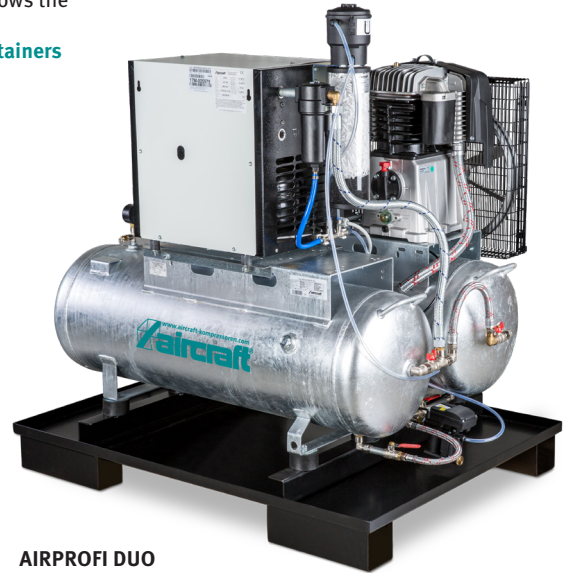
- Increased air requirements can thus be covered at short notice
- If a faster pressure build-up is required, e.g. for chiselling, mortising or sandblasting work, the second compressed air tank can be disconnected from the compressed air supply, which halves the tank volume and allows the pressure to build up more quickly
- **15-year guarantee on galvanised containers against rusting through***



Practical TIP:
pressure generated over and above this means additional energy consumption of approx. 8% per bar. Generate only slightly more pressure than required!



**AIRPROFI DUO
853/2X100/10**



**AIRPROFI DUO
853/2X100/10 KK**

AIRPROFI BK auxiliary compressor provides additional air capacity at low cost

Auxiliary compressors are used to...

- ...when the available air volume is too small.
- ...when peak demand needs to be covered.
- ...when 100% safety must be guaranteed.
- ...when old appliances would require expensive repairs.



**AIRPROFI BK
703/13/10**

Scope of delivery DUO:

Start-up relief
Vibration elements

Scope of delivery DUO K:

Start-up relief
Vibration elements
Safety stand pallet
Refrigeration dryer
fine filter

Scope of delivery DUO KK:

Start-up relief
Vibration elements
Safety stand pallet
Refrigeration dryer
fine filter
Condensate conditioner for oil-water separation
Automatic condensate drain

Technical data		AIRPROFI DUO 703/2x100/10	AIRPROFI DUO 853/2x100/10	AIRPROFI DUO 703/2" x 75/13"	AIRPROFI BK 703/13/10	AIRPROFI BK 1003/13/10
Art no.		2023072 K: 2023073 KK: 2023074	2023085 K: 2023086 KK: 2023087	2023185 K: 2023186 KK: 2023187	2029711	2029911
Suction capacity approx.	l/min	650	850	575	650	960
Filling capacity at 6 bar approx.	l/min	520	680	460	520	750
Maximum pressure	bar	10	10	13	10	10
Tank capacity	l	2 x 100	2 x 100	2 x 75	13	13
Cylinder/stages		2/2	2/2	2/2	2/2	2/2
Speed	min ⁻¹	950	1240	850	950	1060
Sound pressure level Lp	dB(A)	83	83	79	83	83
Motor power ~50 Hz	kW/V	4 / 400	5.5 / 400	4.8 / 400	4 / 400	5.5 / 400
Dimensions (L x W x H) approx.	mm	1200 x 900 x 1250	1200 x 900 x 1250	1200 x 900 x 1140	880 x 620 x 650	880 x 620 x 820

AIRPROFI H –

High air output with space-saving 100 or 75 litre tank.

Air supply expandable to up to 500 litres via Aircraft boiler batteries

- Ideal for continuous use in workshops and in the automotive sector
- Flexible armoured conduit with heat protection prevents vibration breakage
- Particularly space-saving with 100 or 75 litre container
- The two-stage compression two-cylinder high-performance unit enables a very low engine speed, resulting in particularly quiet and low-vibration operation
- Ready for connection with all fittings

- Container hot-dip galvanised inside and out, **15-year guarantee on galvanised container against rusting through***
- Boiler batteries with up to 400 litres of additional air supply
- By connecting additional compressed air tanks, the boiler volume is increased, allowing a higher air supply to be built up
- Increased air requirements can thus be covered at short notice

- If not required, individual compressed air tanks can be disconnected from the compressed air supply via ball valves, which reduces the tank volume accordingly and the pressure is built up more quickly
- Maximum container capacity in minimum space - the space-saving solution



AIRPROFI 703/75/13 H

Connected via optional flexible armoured hose line to a 2-boiler battery

KB 2X75/13

All boiler batteries:

- Easy to move with the pallet truck
- Also available in 10 bar version with 100 litre tanks

KB 4X100/10 ACCESSORIES

- 1) Condensate conditioner with supply line,
- 2) Automatic steam traps with
- 3) flexible lines as supply lines

Technical data		AIRPROFI 703/100/10 H	AIRPROFI 853/100/10 H	AIRPROFI 703/75/13 H
Art no.		2022273	2022283	2022275
Suction capacity approx.	l/min	650	850	575
Filling capacity at 6 bar approx.	l/min	520	680	460
Maximum pressure	bar	10	10	13
Tank capacity	l	100	100	75
Cylinder/stages		2/2	2/2	2/2
Speed	min ⁻¹	950	1240	850
Sound pressure level Lp	dB(A)	83	83	79
Motor power ~50 Hz	kW/V	4 / 400	5.5 / 400	4 / 400
Dimensions (L x W x H) approx.	mm	1000 x 450 x 990	1000 x 450 x 950	950 x 480 x 950
Weight approx.	kg	98	110	103

		10 bar	13 bar	10 bar	13 bar
Technical data		KB 2x100/10	KB 2x75/13	KB 4x100/10	KB 4x75/13
Art no.		2502102	2502132	2502104	2502134
Number of containers		2	2	4	4
Tank capacity	l	2 x 100	2 x 75	4 x 100	4 x 75
Maximum pressure	bar	10	13	10	13
Tank connection	"	3/4	3/4	3/4	3/4
Dimensions (L x W x H) approx.	mm	420 x 900 x 1510	420 x 900 x 1480	900 x 900 x 1510	900 x 900 x 1480
AMD/WOS1 connection set ex works					Art. no.
to KB 2 x 100 / KB 2 x 75					2504152
to KB 4 x 100 / KB 4 x 75					2504153
BEKOMAT/ÖWAMAT connection set ex works					Art. no.
to KB 2 x 100 / KB 2 x 75					2504150
to KB 4 x 100 / KB 4 x 75					2504151

AIRSTAR 903/10 Silent - piston compressor in compact and sound-insulated design

- ▶ Very quiet compressor for high operator comfort and minimal noise pollution
- ▶ Suitable for installation even in noise-sensitive areas and in direct working environment
- ▶ Star-delta start-up
- ▶ Three-cylinder high-performance unit with low speed guarantees particularly smooth and low-vibration operation
- ▶ Belt drive of the compressor with efficient energy transmission



Technical data		AIRSTAR 903/10 Silent
Art no.		2022200
Suction capacity approx.	l/min	860
Filling capacity at 6 bar approx.	l/min	520
Maximum pressure	bar	10
Air outlet	"	3/4
Cylinder/stages		3/1
Speed	min ⁻¹	995
Sound pressure level L _p	dB(A)	67
Motor power ~50 Hz	kW/V	5.5 / 400
Weight approx.	kg	255
Dimensions (L x W x H) approx.	mm	850 x 750 x 1110

AIRPROFI H SILENT – Soundproofed piston compressors with top equipment



- ▶ Extremely quiet due to sound-insulated housing and additional silencer on the intake filter
- ▶ Two-cylinder high-performance unit made of grey cast iron with low speed guarantee particularly quiet and low-vibration operation -> less wear - longer service life
- ▶ High-quality Condor pressure switch
- ▶ Large fan wheel on the compressor and temperature-controlled radial fan on the housing for optimum cooling of the interior
- ▶ Device for easy tensioning of the V-belt
- ▶ Intercooler and aftercooler as well as an additional air duct between motor and compressor reduce condensate formation
- ▶ Glycerine pressure gauge, operating hours counter and fault indicator via LED lights
- ▶ Quality electric motor with motor protection switch and start-up relief
- ▶ Rotating field monitoring
- ▶ Models with compressed air tank: Internally and externally galvanised compressed air tank with 15-year warranty against rusting through



AIRPROFI 703/270/10 H SILENT



AIRPROFI 1003/500/10 H SILENT



AIRPROFI 703/10 SILENT

Technical data	AIRPROFI 703/10 SILENT	AIRPROFI 853/10 SILENT	AIRPROFI 1003/10 SILENT	AIRPROFI 703/15 SILENT	AIRPROFI 903/15 SILENT
Art no. SILENT	2022780	2022790	2022850	2022805	2022855

With compressed air tank

Galvanised inside and outside against rusting through

Technical data	AIRPROFI 703/270/10 H SILENT	AIRPROFI 853/270/10 H SILENT	AIRPROFI 1003/500/10 H SILENT	AIRPROFI 703/270/15 H SILENT	AIRPROFI 903/500/15 H SILENT
Art no. H SILENT	2022785	2022795	2022860	2022810	2022865

Technical data AIRPROFI		703/10 SILENT	703/270/10 H SILENT	853/270/10 H SILENT	1003/500/10 H SILENT	703/270/15 H SILENT	903/500/15 H SILENT
Suction capacity approx.	l/min	674	674	840	1080	705	900
Filling capacity at 6 bar approx.	l/min	550	550	670	770	510	735
Maximum pressure	bar	10	10	10	10	14	14
Air outlet	"	3/4	3/4	3/4	3/4"	3/4	3/4
Cylinder/stages		2/2	2/2	2/2	2/2	2/2	2/2
Speed	min ⁻¹	920	920	1250	1100	1045	920
Sound pressure level L _p	dB(A)	63	63	64	64	64	64
Motor power ~50 Hz	kW/V	4 / 400	4 / 400	5.5 ²⁾ / 400	7.5 / 400	5.5 ²⁾ / 400	7.5 ²⁾ / 400
Dimensions (L x W x H) approx.	mm	1180 x 780 x 1050	1180 x 780 x 1050	1180 x 780 x 1050	1290 x 980 x 1060	1200 x 680 x 1470	1290 x 980 x 1060
Weight approx.	kg	167	167	174	196	174	196

2) For compressors with a motor output of 5.5 kW, the regulations of the local electricity supplier must be observed