

BAUER HIGH PRESSURE COMPRESSORS SY-JUNIOR/SY-OCEANUS

The OCEANUS delivers excellent performance: although virtually identical in size to the JUNIOR II, it can fill a breathing air cylinder up to 40% faster.

Designed for challenging professional applications, the OCEANUS impresses with its durability, mobility and high output. With a corrosion-resistant stainless steel base frame, the OCEANUS is the ideal mobile compressor even for coastal areas where the air has a high salt content, and in particular at sea, on submersibles or during expeditions.

A generous oil reserve in the crankcase and the powerful oil pump mean that operation is also possible even at extreme inclinations of up to 30° (up to 20° for petrol-driven models).

- › 140 l/min
- › 225 or 330 bar
- › 3 kW (5.1 kW petrol version)
- › Available with three-phase motor, single phase motor or petrol engine

OPTIONAL FEATURES (SELECTION)

- › Additional filling device for 225 or 330 bar
- › Switchover device for 330/225 bar
- › Automatic condensate drain including automatic shutoff when final pressure is reached
- › Trolley
- › Telescopic intake tube (standard with OCEANUS-B) or intake manifold for attaching a suction hose



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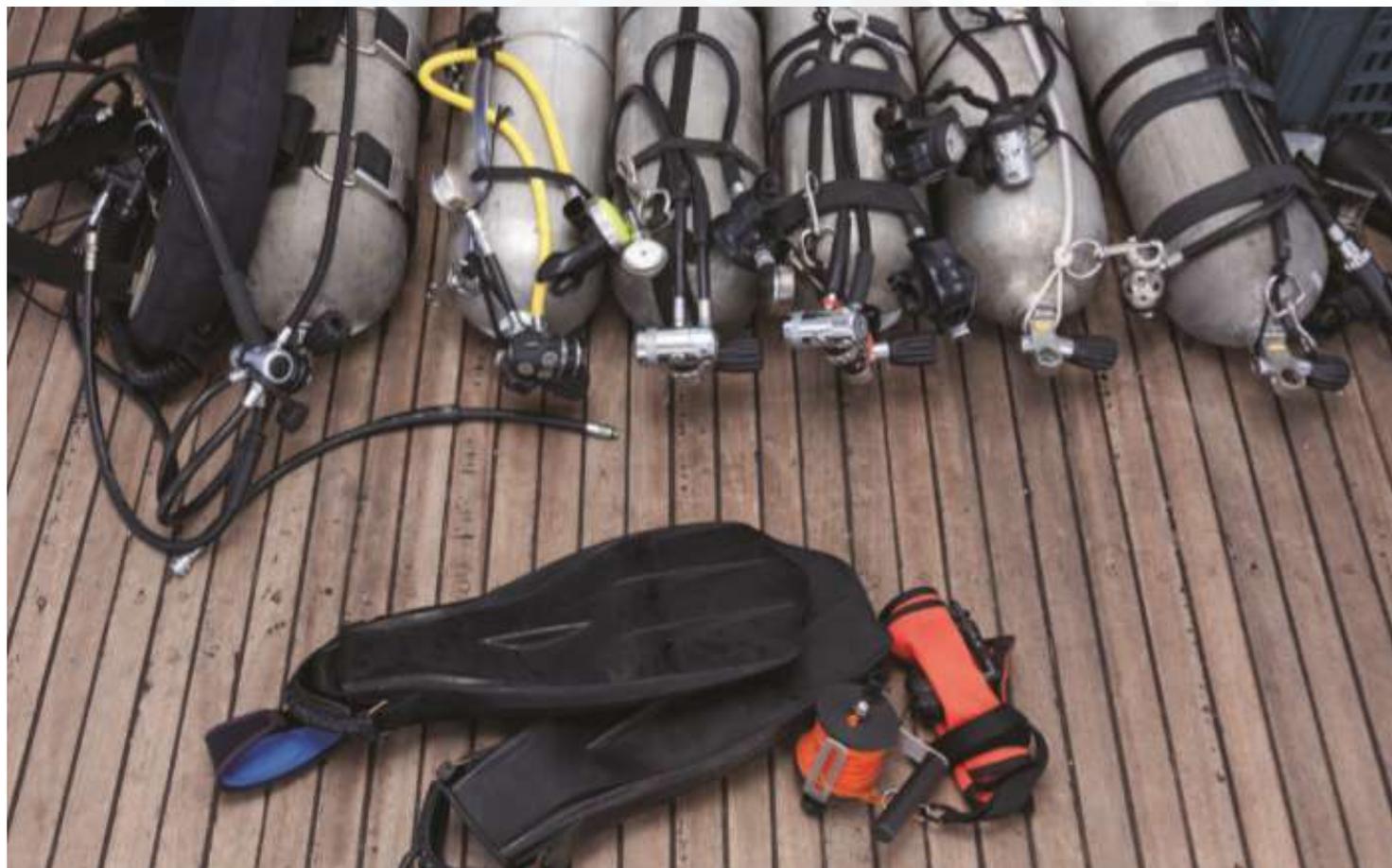
Type	Charging Rate ¹		Operating Pressure max.		Purification system	Number of Stages	Speed rpm	Drive and Motor Power		Net Weight approx. kg	Dimensions L x W x H cm
	l/min	cfm	bar	psig				Motor	kW		
JUNIOR II-B	100	3.5	330	4780	P 21	3	2,300	Petrol engine 4-stroke	4.2	44	78 x 41 x 42
JUNIOR II-E	100	3.5	330	4780	P 21	3	2,300	Three-phase 400 V, 50 Hz ²	2.2	46	66 x 36 x 42
JUNIOR II-W	100	3.5	330	4780	P 21	3	2,300	Single-phase 230 V, 50 Hz ^{3,4}	2.2	46	66 x 39 x 42
OCEANUS-B	140	5	330	4780	P 21	3	2,300	Petrol engine 4-stroke	5.1	47	79 x 41 x 42
OCEANUS-E	140	5	330	4780	P 21	3	2,300	Three-phase 400 V, 50 Hz ²	3	52	66 x 40 x 42
OCEANUS-W	140	5	330	4780	P 21	3	2,300	Single-phase 230 V, 50 Hz ²	3	52	66 x 40 x 42

1 Measured by cylinder filling (10 l) from 0 - 200 bar / 2900 psig, ± 5%.

2 Plug dimension: 16 A. OCEANUS-W without plug.

3 Plug dimension: Schuko plug. Plug only for units with 230 V / 50 Hz.

4 With integrated motor protection switch (only for 220/230/240 V).



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