

## THE NAVY KAP HN-RANGE

At home on the seven seas

- › 370–660 l/min
- › 225/330 bar
- › COMPACT
- › SEAWORTHY
- › EXTREMELY ROBUST



**The KAP-HN units meet the high requirements of both civil and military marine, even in rough seas.**

The KAP-HN range, specifically designed for the demanding onboard requirements, is shock- and vibration-proof for operation on heavy sea and extreme inclinations, i.e. on frigates, sea rescue cruisers and supply vessels for drilling platforms.

The highly efficient P 41-DUO filter system provides air qualities acc. to all current industrial and breathing air standards.



## Robust and expandable

### VIBRATION-PROOF

- › The ingenious unit design with fine balanced electrical drive, vibration optimized, cross tied frame construction and vibration damped block as well as special shock- and vibration elements isolate the unit effectively from the ship.

### ALWAYS IN USE

- › The low center of gravity and the block design allow the operation even on heavy sea (roll: 30°/max. 10 sec.; pitch: 10°/max. 6 sec.)

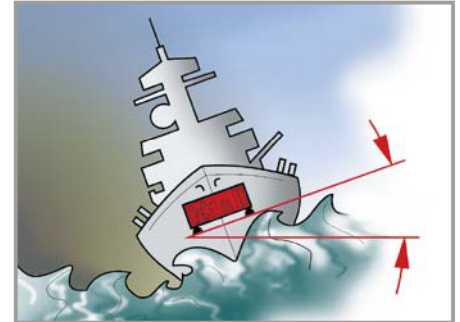
### ROBUST

- › Hardened cylinders with special plateau honing for minimum oil consumption and abrasion
- › Piston rings made of wear-resistant synthetic material
- › 4-stage compressor blocks and pressure oil lubrication in the last compressor stage for low wear and high durability
- › Interstage and afterstage coolers made of stainless steel

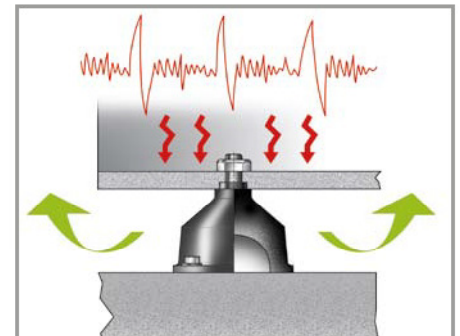
### COMPLETE EQUIPMENT

The units are delivered complete and ready for operation with integrated electronic compressor monitoring B-CONTROL allowing, amongst others, a fully automatic operation. Various accessories allow a flexible adaptation to meet a wide variety of requirements:

- › SECURUS filter monitoring for saturation control of the filter cartridges
- › Storage cylinder modules
- › Automatic selector unit for effective filling management (Quick Fill).
- › External filling panels with hoses made of Kevlar and safety filling devices
- › Safety filling devices



Operation even on heavy sea



Highly developed shock- and vibration elements

## Technical Data

Model	Drive	Charging rate	RPM	Drive		Filter system TRIPLEX®	Dimensions cm			Weight net kg
				kW	HP		L	W	H	
		l/min <sup>1</sup>	min <sup>-1</sup>							
KAP 15.1-7,5-HN	3-phase	370	1050	7,5	10	P41 Duo	165	78	90	480
KAP 150-11-HN	3-phase	540	1230	11	15	P41 Duo	165	78	90	505
KAP 180-15-HN	3-phase	660	1320	15	20	P41 Duo	165	78	90	520

<sup>1</sup> Cylinder filling from 0 to 200 bar Filling rate for 1 l cylinder capacity

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**KAP HN-E**

3.13 PR 0076

N33353

Subject to technical modifications