

# ASC – NK Standard Range of Screw Compressors

**ASC - NK Screw Compressors with oil injected lubrication  
from 5,5 to 15 kW, 7.5 to 15 bar**



**NK – Compact Air End from Rotorcomp**



Our unique series of NK compact units are oil-injected screw compressor modules that integrate the main parts of a compressor system. This solution is the best possible way to build a reliable, compact and cost efficient complete compressor package with ultimate efficiency, low noise and the highest quality standards. With cost-effective service and low running costs being a major feature of these compressors.

## **Design features of the ASC - Screw Compressors:**

### **Compact design**

High performance compact screw air end from Rotorcomp (Made in Germany), incorporating: large diameter rotors (with heavy-duty roller bearings), intake valve, air filter, oil filter, air/oil separator and maintenance valve. This design ensures leak-free operation, easy and rapid maintenance, and long service life.

The silent housing are made in steel and powder coated for proper rust protection, on request we also offer the frame made in Stainless Steel.

### Optimum cooling

Oversized, high performance aluminum coolers (Made in Germany) with integrated aftercooler, designed to deal with high ambient temperatures up to 50 C- degree.

### Multi stage air/oil separation system

Through cyclone separation and coalescing elements, resulting in control of oil transfer with levels never exceeding 2 mg/m3.

Type	Free Air Delivery (F.A.D.) at				Motor Power		Dimension W x D x H in mm	Weight Kg
	7,5 bar	10 bar	13 bar	15 bar	KW	HP		
RS 5,5	0,77	0,65	0,53	0,45	5,5	7,5	650 x 600 x 930	130
RS 7,5	1,10	0,95	0,74	0,63	7,5	10,0	650 x 600 x 930	145
RS 9,0	1,21	1,09	0,86	0,76	9,0	12,0	650 x 600 x 930	150
RS 11,0	1,56	1,50	1,16	0,93	11,0	15,0	650 x 600 x 930	165
RS 11,0 - 2	1,86	1,63	1,32	1,20	11,0	15,0	650 x 600 x 930	177
RS 15,0	2,24	1,96	1,51	1,24	15,0	20,0	650 x 600 x 930	185

5.5 KW => DOL Starter

7.5 to 15 KW => With Soft-Starter

### Advantages:

- NO! MOM approval needed due to unique design without air tank.
- No necessity of a separate oil reclaimer due to encapsulated air ends.
- The compact design eliminates unwanted pipe work and potential oil leaks.
- Effective noise insulation and multiple anti-vibration mountings.
- Spin on and off separators
- Easy to remove doors, allowing excellent access to all components.
- Clear electrical panel