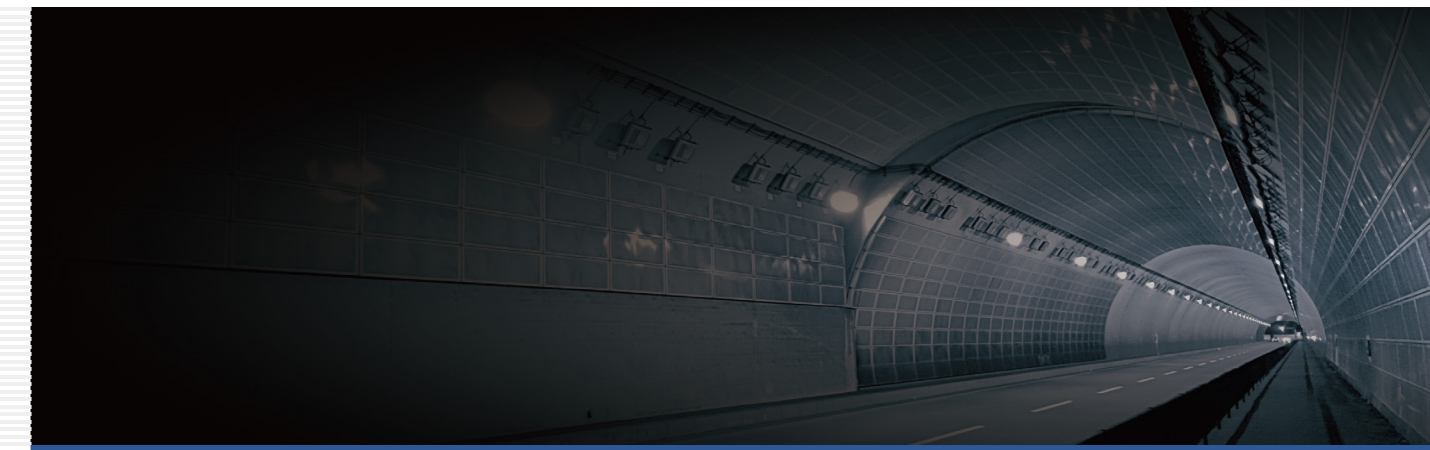


Spec			SMS11RD -5C/6C	SMS15RD -5E/6E	SMS22RD -5E/6E	SMS37RD -5E/6E	SMS75RD -5E/6E	
		Without dryer	SMS11R-5C/6C	SMS15R-5E/6E	SMS22R-5E/6E	SMS37R-5E/6E	SMS75R-5E/6E	
		Cooling system	Air-cooled					
<b>Compressor</b>								
Type	Rotating screw type, 1-stage compressed oil cooling							
Air delivery*1	m <sup>3</sup> /min	1.5[1.65]	2.65[2.35]	4.1[3.6]	6.9[6.2]	13.9[12.7]		
Discharge pressure	MPa	0.83[0.69]	0.7[0.85]					
Air control system	Regulator control + Purge control + Automatic start/stop							
Starting system	Atmospheric pressure, 2*2~40°C							
Lubricant oil capacity*3	L	11			15	42		
Discharge air pipe diameter	A	25(1B)×1		20(3/4B)×1	40(1 1/2B)×1	20(3/4B)×1	50(2B)×1 20(3/4B)×2	
Normal output of the fan motor	kW	0.4			0.75	1.5		
<b>Motor</b>								
Type	Fully-enclosed, external fan, 3-phase squirrel cage induction motor							
Nominal output	kW(PS)	11(15)	15(20)	22(30)	37(50)	75(100)		
Frequency	Hz	50/60						
Voltage	V	200/200·220(400/400·440)						
No. of poles	P	4				2		
Starting system	Direct input			Star delta				
<b>Approx. dimensions and approx. weight</b>								
Overall width	mm	1,680		1,900	2,110	2,590		
Overall depth	mm	890		910	1,030	1,250		
Overall height	mm	1,250		1,250	1,380	1,690		
Weight*4	kg	640(605)	700(665)	850(800)	1,195(1,125)	1,900(1,770)		
Noise level*5	dB[A]	59			60	61		
<b>Dryer</b>								
Input (chiller normal output)	kW	0.51/0.58·0.6(0.5)		1.19/1.47·1.5(1.1)	1.2/1.4·1.4(1.5)	2.3/2.7·2.7(1.9)		
Outlet dew point*6	°C	10(under pressure)						
Coolant		R407C			R410A			

\*1 Air delivery is calculated assuming the intake condition are at atmospheric pressure and at a temperature of 30°C. For the guaranteed value of air delivery, please contact us.  
 \*2 To use the compressor in a cold weather region (at 2° C or below), the optional tape heater is required.  
 \*3 Be sure to use our genuine compressor oil.  
 \*4 The numbers in parentheses ( ) for weight are for dryerless specs. The weight differs for 400/440V specs.  
 \*5 The noise values are calculated assuming the anechoic chamber conditions are at a distance of 1.5m from the front (operating side) of the compressor, at a height of 1.0m, and at an outside temperature of 30°C during full-load operation. Depending on the installation environment (effects of surrounding reverberation, etc.), the noise level under the actual installation conditions may be higher than the value shown herein. The noise level also varies during air capacity control operation.  
 \*6 The outlet dew point is the value at an ambient temperature of 30° C.

# Screw Compressors

## SMS-R/D Series



**Important information about safety**

- Operate safely in accordance with operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

This catalog is current as of November 2024. Be aware that the specifications, appearance, and other details may be changed without notice.  
 For reasons related to printing, the paint colors seen here may differ from the actual products.  
**AIRMAN** is a registered trademark of HOKUETSU INDUSTRIES CO., LTD.

**OUT HEAD OFFICE AND PLANT ARE CERTIFIED TO BOTH ISO 9001 AND ISO 14001.**

Nigata plant:  
Shimo Aozu,  
Tsubame-city,  
Niigata-prefecture,  
Japan

### HOKUETSU INDUSTRIES CO., LTD.

8th Floor Shinjuku San-Ei Bldg. 22-2 Nishi-Shinjuku 1-Chome, Shinjuku-ku, Tokyo 160-0023 Japan  
 Tel: 81-3348-7281 Fax: 81-3-3348-7289  
 E-mail: airman.oversea@airman.co.jp  
<https://www.airman.co.jp>

**AIRMAN ASIA SDN. BHD.**  
 Suite A-8-2, level 8, Block A, Sky Park @ One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor, Malaysia  
 Tel: 60-3-5036-7228 Fax: 60-3-5036-7226  
 E-mail: sales@airman-asia.com  
<https://airman-asia.com>

**HOKUETSU INDUSTRIES EUROPE B.V.**  
 Aalsmeerderdijk 156, 1438 AX Oude Meer, The Netherlands  
 Tel: 31-20-6462636 Fax: 31-20-6462191  
 E-mail: info@hokuetsu.nl  
<https://www.hokuetsu.eu>

**AIRMAN USA CORPORATION**  
 95 International PKWY, Suite 100, Adairsville, 30103 GA USA  
 Tel: 1-678-800-7070 Fax: 1-770-769-4335  
<https://airman-usa.com>



SMS11RD



SMS75RD

Usable in various situations such as tunnel construction and underground work.

AIRMAN motor screw compressors "SMS-R/D series" are **ideal for sites such as tunnel construction and underground work** since it does not emit exhaust gas. **The operation sound of AIRMAN screw compressor is so quiet that can be concerned on the surroundings.**

Therefore, SMS-R/D series are suitable for construction sites at late night.

We offer a wide range of product lineup. : Nominal output 11kW<15PS> to 75 kW<100PS>



\*These are images.

**Point** Select the best model from an extensive product lineup.

We offer a wide range of product lineup. Nominal output 11kW <15PS> - 75kW <100PS>



**Point** One Point Lifting & Double Stack

One Point Lifting makes it easy to load onto vehicles. In addition, double stack can save space.



\*Up to double-stack. \*These are images.

**Point** Eliminate moisture in Compressed Air

Eliminate moisture from compressed air by built-in dryer.

- Too hot to hold
- Dirty due to water splash
- Rust damages the air tools
- Air bubbles in the paint
- Frozen and unable to work under cold environment

Prevent above and so on.

\*The specification without dryer is also available.

**Point** Service Valve

Rotation stoppers are equipped on the service valve that tends to loosen.

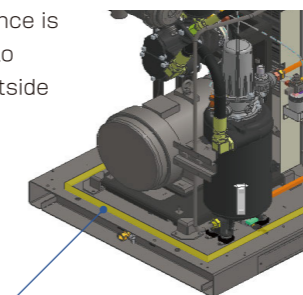
\*Not applicable to SMS22R/D and SMS37R/D.



**Point** Eco-friendly Function

In case of oil leak, an oil fence is installed within the frame to prevent oil from leaking outside the machine.

\*This function does not guarantee the prevention of all oil leakages.



Oil fence

**Point** Low Noise

The low-noise enclosure results in a low noise level that is also considerate to the surrounding environment.

