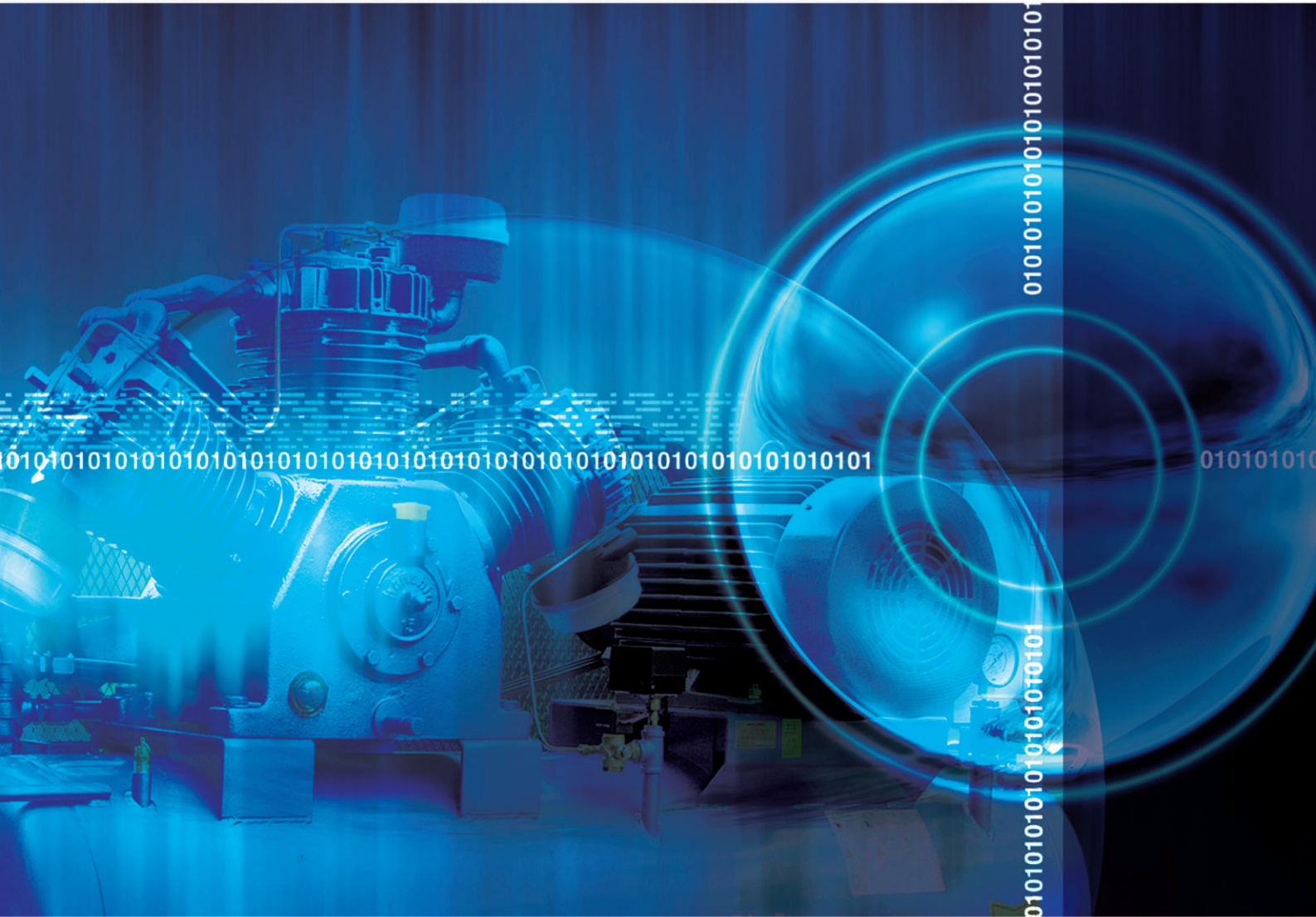


# **HANSHIN**

## **COMPRESSED AIR SYSTEMS**

### **PISTON AIR COMPRESSORS**



# AIR COOLED

## PISTON AIR COMPRESSORS

With over 35 years experience in the compressor industry,  
you can trust HANSHIN compressors.



NH-20 (20HP)

### Features and Benefits

#### Excellent Durability

Slow operating speed ensures high efficiency, low operating temperature and longer life. Heavy duty, cast-iron, single stage industrial reciprocating compressor.

#### Low Noise/Low Vibration

Quiet, vibration-free operation from dynamically balanced components, slow speed design.

#### High Reliability

All of our genuine parts are machined by CNC machining centre and tested by HANSHIN's strict quality control system to ensure trouble free operation.

#### High Efficiency

Entirely different design considering proper RPM, reasonable air flow and excellent cooling capability enables higher efficiency of air discharge and longer working life.

#### Less Oil Consumption

30 to 40% less oil consumption resulting in supplying good quality, clean compressed air and less maintenance cost.

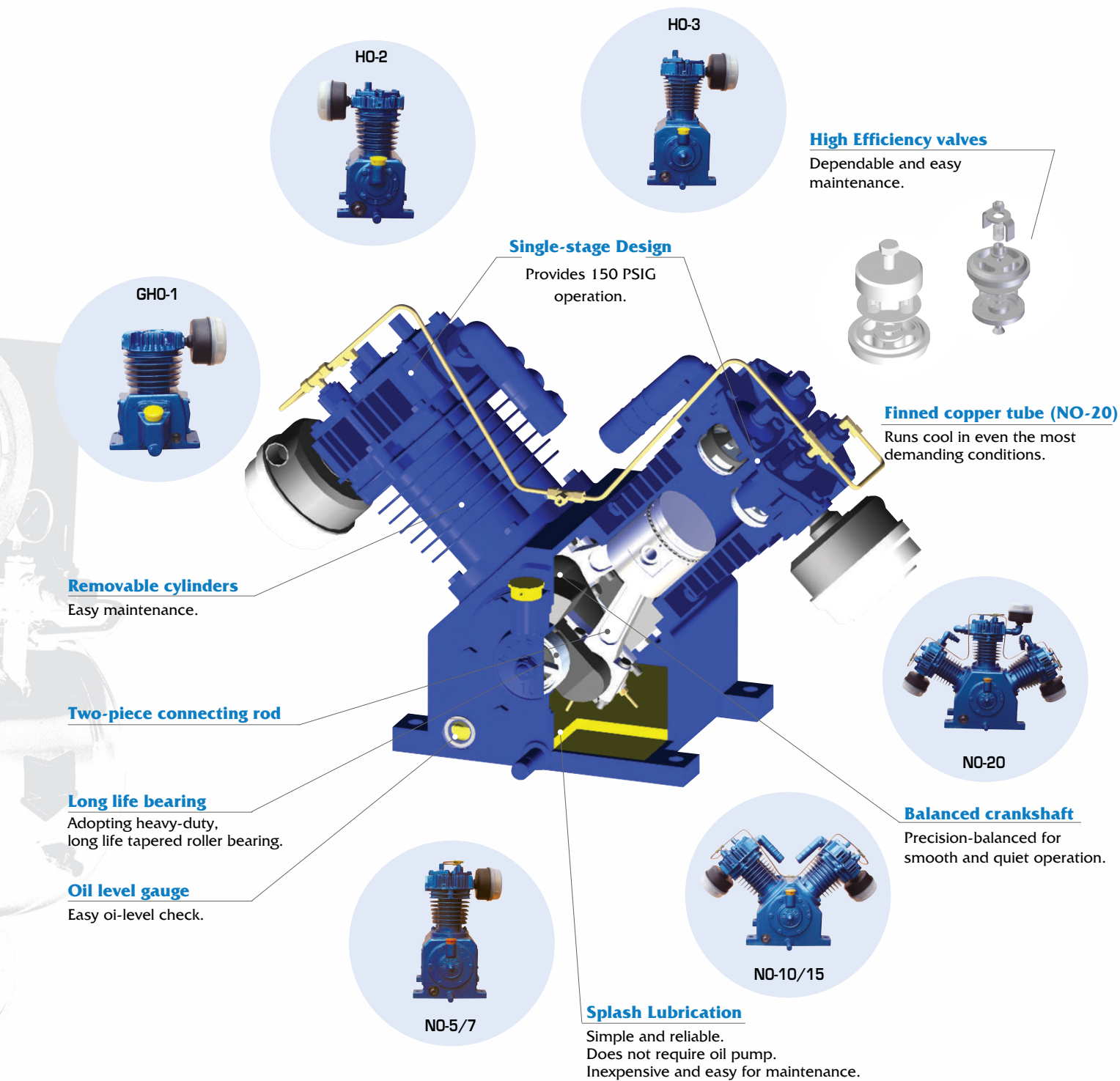
#### Service friendly/Long trouble-free

If a cylinder fails, only one cylinder needs replacement instead of entire block. Compressor only requires minor service checks. Long trouble-free use resulting from traditional single stage construction and high standard of technical assembly.

### Technical Data

Model	Drive Motor	Working Pressure	Piston Displacement	Compressor		Air Receiver	Discharge Pipe Diameter Size	Lubricant Charge	Length × Width × Height	Weight
	kW(HP)	kgf/cm <sup>2</sup> G	ℓ / min	Bore × Stroke × NO. of Cyl.	Revolution	ℓ	PF	ℓ	mm × mm × mm	kg
GH - 1	0.75(1)	7.5~9.9	138	65 × 40 × 1	1040	53	½ B × 2	0.25	1090 × 450 × 760	73
H - 2	1.5(2)		222	65 × 67 × 2	500	85	½ B × 2	0.3	1120 × 430 × 900	105
H - 3	2.2(3)		370	77 × 89 × 2	450	124	½ B × 2	1.0	1200 × 540 × 1100	160
NH - 5	3.7(5)		618	90 × 108 × 2	450	148	½ B × 2	1.3	1450 × 520 × 1090	192
NH - 7	5.5(7.5)		934	90 × 108 × 2	680	148	½ B × 2	1.3	1450 × 520 × 1090	192
NH - 10	7.5(10)		1272	90 × 100 × 4	500	240	1 B × 1	2.0	1670 × 600 × 1090	325
NH - 15	11.0(15)		1909	90 × 100 × 4	750	280	1 B × 1	2.0	1810 × 600 × 1090	345
NH - 20	15.0(20)		2518	90 × 100 × 6	660	280	1 B × 1	3.0	1810 × 600 × 1200	514





## Technical Data (pump only)

Model	Drive Motor	Working Pressure	Piston Displacement	Compressor		Air Outlet	Pulley		Weight
				Bore × Stroke × NO. of Cyl.	Revolution		Outside Diameter	Grooves	
	kW(HP)	kgf/cm <sup>2</sup> (PSI)	ℓ / min(CFM)	mm × mm (inch × inch)	r.p.m.	PF	mm (inch)		kg(Lbs)
GH0-1	0.75(1)	9.9(140)	138(4.9)	65 × 40 × 1 (2 $\frac{1}{2}$ × 1 $\frac{1}{2}$ × 1)	1040	$\frac{1}{2}$ B	240( 9 $\frac{1}{8}$ )	A1(1VA)	20(44.0)
HO-2	1.5(2)	9.9(140)	222(7.8)	65 × 67 × 2 (2 $\frac{1}{2}$ × 2 $\frac{1}{2}$ × 2)	500	$\frac{1}{2}$ B	325( 12 $\frac{1}{2}$ )	A2(2VA)	29(64.0)
HO-3	2.2(3)	9.9(140)	373(13.1)	77 × 89 × 2 (3 $\frac{1}{8}$ × 3 $\frac{1}{2}$ × 2)	450	$\frac{1}{2}$ B	410( 16 $\frac{1}{4}$ )	A2(2VA)	40(88.0)
NO-5	3.7(5)	7(100)	687(24.3)	90 × 108 × 2 (2 $\frac{1}{2}$ × 4 $\frac{1}{4}$ × 2)	450	1 B	500( 19 $\frac{1}{8}$ )	B3(3VA)	89(196.0)
NO-7	5.5(7.5)	7(100)	1058(37.4)	90 × 108 × 2 (3 $\frac{1}{8}$ × 4 $\frac{1}{4}$ × 2)	680	1 B			89(196.0)
NO-10	7.5(10)	7(100)	1527(53.9)	90 × 100 × 4 (3 $\frac{1}{8}$ × 3 $\frac{1}{8}$ × 4)	500	1 B			126(278.0)
NO-15	11.0(15)	7(100)	2163(76.4)	90 × 100 × 4 (3 $\frac{1}{8}$ × 3 $\frac{1}{8}$ × 4)	750	1 B			126(278.0)
NO-20	15.0(20)	7(100)	2825(99.8)	90 × 100 × 6 (3 $\frac{1}{8}$ × 3 $\frac{1}{8}$ × 6)	660	1 B			126(278.0)

*since* **1969** *year*



KOREA FACTORY



CHINA FACTORY



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