

AUGUST

Compressors

LPS SERIES

Special For Glass & Textile Industry



Intelligent Internet of Things module, air compressor intelligent management Steward

- Real-time monitoring of operation data;
- Maintenance, failure alarm message reminder;
- One-button remote start and stop air compressor;
- Check historical operation data and historical failure records



Special For Glass & Textile Industry



Single-stage 2-4 bar low pressure air end

- 2-4 bar low pressure air end, large intake and exhaust ports, male and female rotor 5:4 tooth ratio design, Germany imported Klingelnberg rotor grinding machine 0.01mm grade grinding process;
- High efficiency SKF/NSK imported bearing , bearing design lifetime 100,000 hours;
- Coupling direct drive, high transmission efficiency;
- Big rotor, low speed, high precision, low noise, high reliability, long lifetime design concept, adhering to the "high efficiency, energy saving, reliable, durable" purpose to create high-quality quality.



Integrated pressurized oil pump

- Coupling type independent oil pump forced lubrication ensures fuel injection of the air end, Reduce internal leakage, improve volume flow, normal operation at 2 bar exhaust pressure not high temperature, 2-4 bar exhaust pressure set arbitrarily



Integrated heat recovery system

- Zero heating cost: Use the heat discharged into the environment by the air compressor to produce hot water, which can be used for staff living water, boiler water preheating, process water heating, etc.
- Reduce energy consumption of air compressor and reduce heat discharge : after access to heat recovery system , the capacity of cooler increases, frequency of cooling fan use significantly reduces, and further reduces the energy consumption of the whole machine; At the same time, the heat decreased significantly, and the ambient temperature in the air compressor station improved.



LPS series 2 bar low pressure Specifications

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m ³ /min)	W eight (kg)	Noise dB(A)±3	Overall Dimension (L×W×H mm)	Air Supply Out
LPS37/2	37/50	0.2	4.05-13.5	1100	74	1628×1298×1800	DN80
LPS45/2	45/60	0.2	4.95-16.5	2000	74	2816×1866×1870	DN100
LPS55/2	55/75	0.2	6.6-22.0	2400	75	2816×1866×1870	DN100
LPS75/2	75/100	0.2	9.6-32.0	4300	75	3796×2116×2098	DN125
LPS90/2	90/125	0.2	11.1-37.0	5300	80	3796×2116×2098	DN125
LPS110/2	110/150	0.2	13.2-44.0	5800	80	3796×2116×2198	DN150
LPS132/2	132/180	0.2	15.3-51.0	6200	81	4116×2366×2198	DN150
LPS160/2	160/215	0.2	18.9-63.0	6700	82	5343×2723×2700	DN200
LPS185/2	185/250	0.2	22.5-75.0	7000	85	5343×2723×2700	DN200
LPS200/2	200/270	0.2	24.6-82.0	7500	88	5343×2723×2700	DN200

LPS series 2.5 bar low pressure Specifications

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m ³ /min)	W eight (kg)	Noise dB(A)±3	Overall Dimension (L×W×H mm)	Air Supply Out
LPS37/2.5	37/50	0.25	3.6-12.0	1100	74	1628×1298×1800	DN80
LPS45/2.5	45/60	0.25	4.5-15.0	2000	74	2816×1866×1870	DN100
LPS55/2.5	55/75	0.25	6.3-21.0	2400	75	2816×1866×1870	DN100
LPS75/2.5	75/100	0.25	7.8-26.0	4300	75	3796×2116×2098	DN125
LPS90/2.5	90/125	0.25	10.35-34.5	4500	76	3796×2116×2098	DN125
LPS110/2.5	110/150	0.25	12.0-40.0	5500	80	3796×2116×2198	DN125
LPS132/2.5	132/180	0.25	14.4-48.0	6200	81	4116×2366×2198	DN150
LPS160/2.5	160/215	0.25	17.4-58.0	6500	81	4116×2366×2198	DN150
LPS185/2.5	185/250	0.25	21.3-71.0	7000	85	5343×2723×2700	DN200
LPS200/2.5	200/270	0.25	22.5-75.0	7200	85	5343×2723×2700	DN200
LPS220/2.5	220/295	0.25	22.5-85.0	7700	88	5343×2723×2700	DN200

LPS series 3 bar low pressure Specifications

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m ³ /min)	W eight (kg)	Noise dB(A)±3	Overall Dimension (L×W×H mm)	Air Supply Out
LPS37/3	37/50	0.3	3.3-11.0	1100	74	1628 × 1298 × 1800	DN80
LPS45/3	45/60	0.3	4.05-13.5	1200	74	1628 × 1298 × 1800	DN80
LPS55/3	55/75	0.3	5.7-19.0	2400	75	2816 × 1866 × 1870	DN100
LPS75/3	75/100	0.3	7.05-23.5	2500	75	2816 × 1866 × 1870	DN100
LPS90/3	90/125	0.3	9.3-31.0	4500	80	3796 × 2116 × 2098	DN125
LPS110/3	110/150	0.3	11.1-37.0	5500	80	3796 × 2116 × 2098	DN125
LPS132/3	132/180	0.3	13.2-44.0	5800	81	3796 × 2116 × 2198	DN125
LPS160/3	160/215	0.3	16.5-55.0	6500	82	4116 × 2366 × 2198	DN150
LPS185/3	185/250	0.3	18.9-63.0	6700	83	4116 × 2366 × 2198	DN150
LPS200/3	200/270	0.3	20.7-69.0	7200	85	5343 × 2723 × 2700	DN200
LPS220/3	220/295	0.3	22.5-75.0	7500	88	5343 × 2723 × 2700	DN200
LPS250/3	250/335	0.3	25.5-85.0	7700	88	5343 × 2723 × 2700	DN200

LPS series 3.5 bar low pressure Specifications

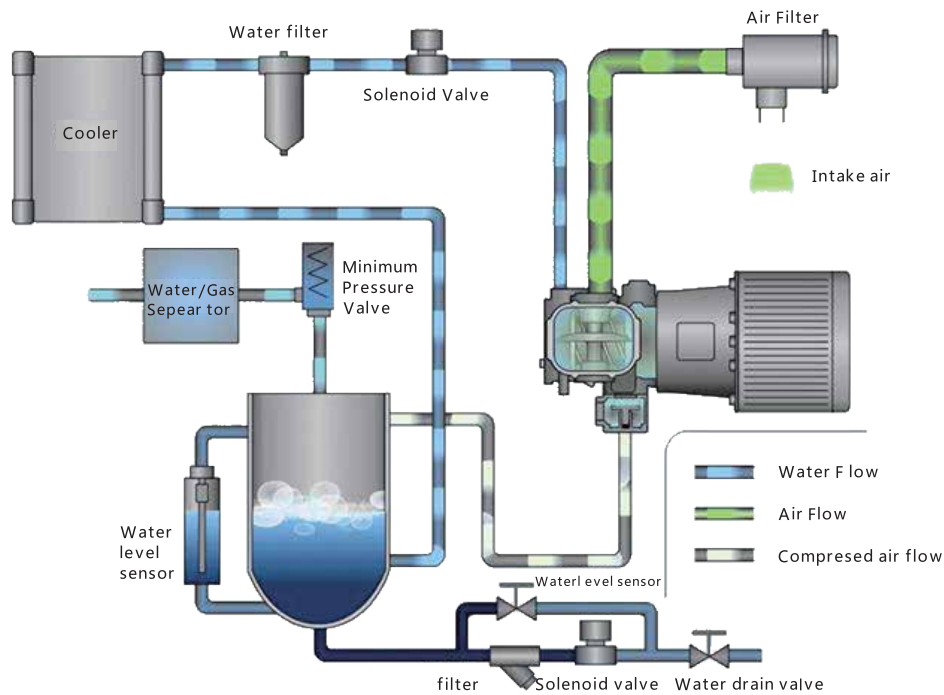
Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m ³ /min)	W eight (kg)	Noise dB(A)±3	Overall Dimension (L×W×H mm)	Air Supply Out
LPS37/3.5	37/50	0.35	3.3-11.0	1100	74	1628 × 1298 × 1800	DN80
LPS45/3.5	45/60	0.35	3.6-12.0	1200	74	1628 × 1298 × 1800	DN80
LPS55/3.5	55/75	0.35	5.1-17.0	2400	75	2816 × 1866 × 1870	DN100
LPS75/3.5	75/100	0.35	6.6-22.0	2500	75	2816 × 1866 × 1870	DN100
LPS90/3.5	90/125	0.35	8.7-29.0	4500	80	3796 × 2116 × 2098	DN125
LPS110/3.5	110/150	0.35	10.5-35.0	5000	80	3796 × 2116 × 2098	DN125
LPS132/3.5	132/180	0.35	12.3-41.0	5600	81	3796 × 2116 × 2198	DN125
LPS160/3.5	160/215	0.35	15.0-50.0	6500	82	4116 × 2366 × 2198	DN150
LPS185/3.5	185/250	0.35	16.95-56.5	6700	82	4116 × 2366 × 2198	DN150
LPS200/3.5	200/270	0.35	18.9-63.0	7000	83	4116 × 2366 × 2198	DN150
LPS220/3.5	220/295	0.35	20.4-68.0	7500	85	5343 × 2723 × 2700	DN200
LPS250/3.5	250/335	0.35	23.4-78.0	7700	88	5343 × 2723 × 2700	DN200

LPS series 4 bar low pressure Specifications

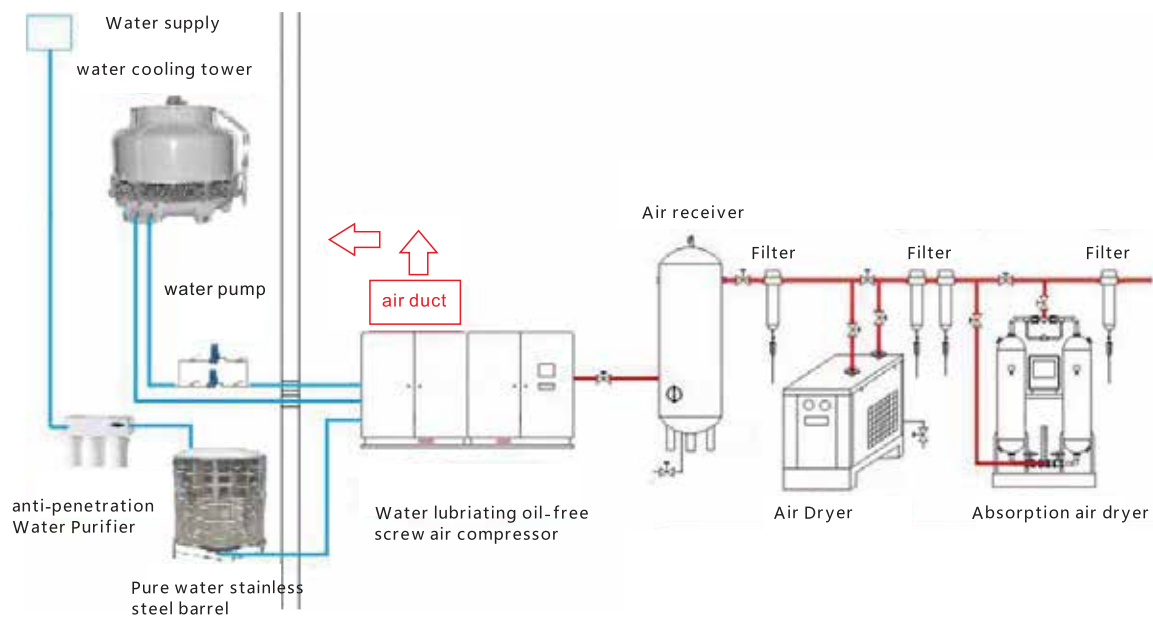
Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m ³ /min)	Weight (kg)	Noise dB(A)±3	Overall Dimension (L×W×H mm)	Air Supply Out
LPS37/4	37/50	0.4	3.15-10.5	1100	74	1628×1298×1800	DN80
LPS45/4	45/60	0.4	3.45-11.5	1200	74	1628×1298×1800	DN80
LPS55/4	55/75	0.4	4.8-16.0	2400	75	2816×1866×1870	DN100
LPS75/4	75/100	0.4	6.3-21.0	2500	75	2816×1866×1870	DN100
LPS90/4	90/125	0.4	7.8-26.0	4500	80	3796×2116×2098	DN125
LPS110/4	110/150	0.4	9.6-32.0	5000	80	3796×2116×2098	DN125
LPS132/4	132/180	0.4	11.7-39.0	5500	81	3796×2116×2198	DN125
LPS160/4	160/215	0.4	13.8-46.0	6500	82	4116×2366×2198	DN125
LPS185/4	185/250	0.4	15.3-51.0	6700	82	4116×2366×2198	DN125
LPS200/4	200/270	0.4	16.8-56.0	7000	83	4116×2366×2198	DN150
LPS220/4	220/295	0.4	18.9-63.0	7500	85	4116×2366×2198	DN150
LPS250/4	250/335	0.4	21.6-72.0	7600	85	4116×2366×2198	DN150



Compressor System Flow Chart



System Flow Chart For Water Lubricating Oil- Free Screw Air Compressor (Water Cooling)



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