

Sullair Rotary Screw
Air Compressor
AS04-AS110 / 4-110 kW



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Technical Specifications

AS 04-15			Capacity						Weight-kg	Discharge Connection
Model	HP	kW	8.0bar		10.0bar		13.0bar			
			m3/min*	CFM	m3/min*	CFM	m3/min*	CFM		
AS04	5	4	0.58	20	0.5	18	0.4	14	228	Rc3/4
AS05	7.5	5	0.83	29	0.75	26	0.6	21	238	Rc3/4
AS07	10	7	1.07	38	1.01	36	0.85	30	248	Rc3/4
AS11	15	11	1.8	64	1.55	55	1.21	43	350	Rc1
AS15	20	15	2.28	81	2.05	72	1.7	60	365	Rc1

AS 18-110 Air Compressor

Model	Motor kW	Max. Discharge Pressure				Weight-kg	Outlet Connection Size
		7.6	8.6	10.6	12.6		
AS18	18	3.2	2.9	2.6	2.2	580	Rc1
AS22	22	3.75	3.55	3.1	2.8	650	Rc1
AS30	30	5.1	4.75	4.1	3.4	900	Rc1-1/2
AS37	37	6.8	6.3	5.8	5.1	1000	Rc1-1/2
AS45	45	8.5	7.8	6.9	5.65	1380	Rc2
AS55	55	10.5	9.5	8.6	7.6	1410	Rc2
AS75	75	13.5	12.5	11.1	10.2	1520	Rc2
AS90	90	16.9	15.5	14.2	12.8	2100	Rc2
AS110	110	20.1	19.6	16.5	14.6	2300	Rc2

AS 30-110 VSD Air Compressor

Model	Motor kW	Max. Discharge Pressure				Weight-kg	Outlet Connection Size
		7.6	8.6	10.6	12.6		
AS 30	30	-	1.6 - 4.75	1.4 - 4.25	1.2 - 3.7	980	Rc1 - 1/2
AS 37	37	2.3 - 6.8	2.1 - 6.3	1.9 - 5.8	1.7 - 5.1	1080	Rc1 - 1/2
AS 45	45	1.95 - 8.5	1.92 - 7.8	1.90 - 6.9	1.78 - 5.65	1480	Rc2
AS 55	55	2.52 - 10.6	2.54 - 9.85	2.13 - 8.6	2.09 - 7.73	1510	Rc2
AS 75	75	3.25 - 13.5	3.29-12.55	2.79 - 11.1	-	1620	Rc2
AS 90	90	4.2 - 16.9	4.0 - 15.5	3.4 - 14.2	3.6 - 12.8	2100	Rc2
AS 110	110	5.5 - 20.1	5.4 - 19.6	4.0 - 16.5	4.0 - 14.6	2300	Rc2

Dimensions

Model	Length-mm	Width-mm	Height-mm
AS04, AS05, AS07	836	546	940
AS04, AS05, AS07	1210	546	1460
AS11, AS15	998	618	1035
AS11, AS15	1460	618	1642
AS18, AS22	1340	740	1300
AS30, AS37	1600	860	1440
AS45, AS55, AS75	2000	1200	1680
AS90, AS110	2500	1400	1800

Note:

1. Unit performance measured according to ISO 1217 Ed 3 Annex C. 1996
2. Noise level measured according to ISO2151/ Pneurop / CAGI PN8NTC2
3. VSD models available, Please contact us.

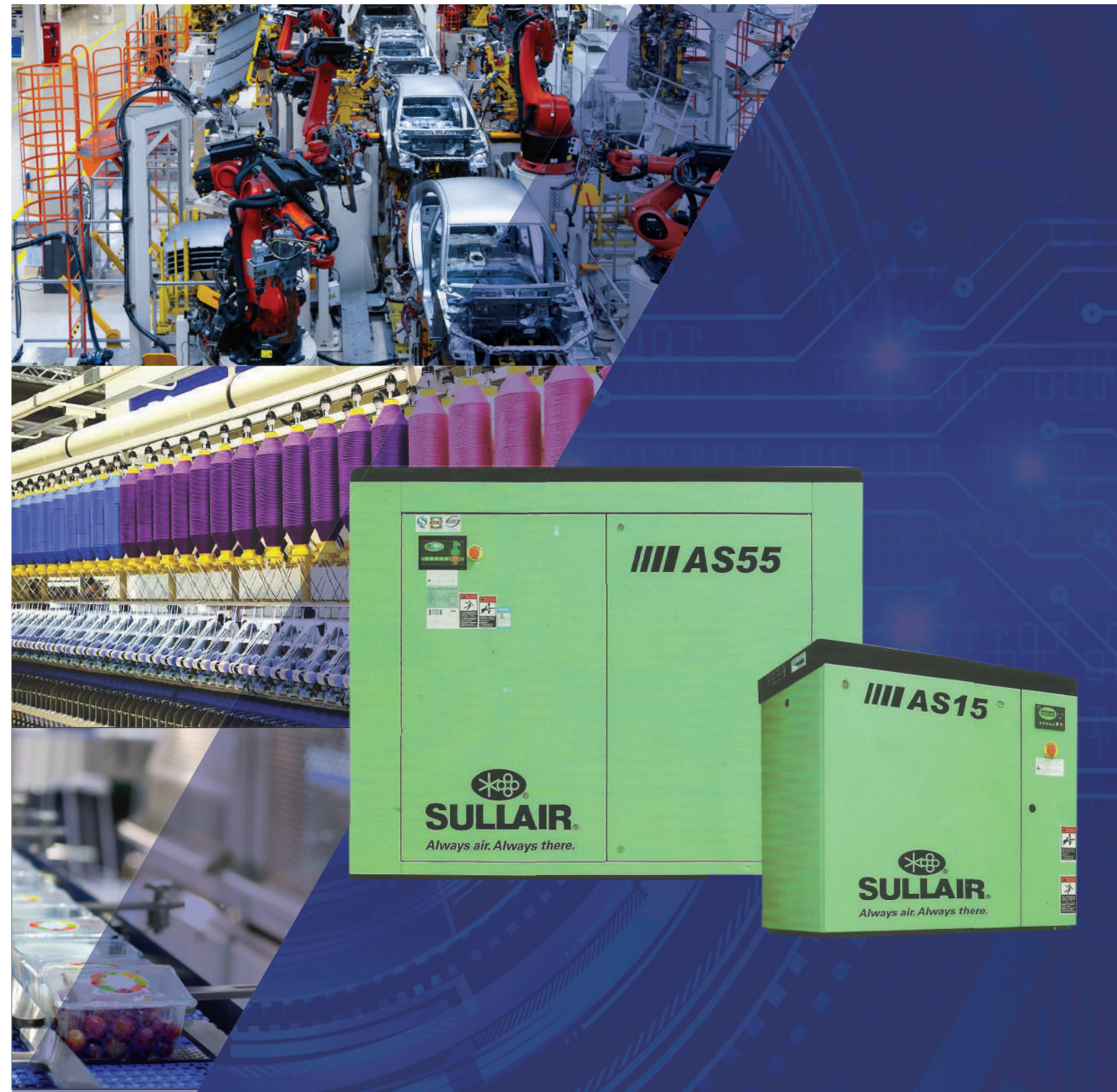


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Sullair Rotary Screw Air Compressors

AS04-AS110 / 4-110kW



Outstanding Screw Rotors

- The screw rotors manufactured by matching posses excellent consumption efficiency.
- The design of slot line and pitch line reduces the inner leakage.

Compressor Air-End

- Patented design, low noise and high quality bearings (longer life for 100,000 hours) ensures the Air-End stability and longer life.
- BFR (Bearing Fluid Reservoirs) ensure the compressor with excellent function for startup and on load performance.



Elastic Coupling

- Avoiding impulsive load, high efficient driving and reliable operation.
- Install or remove the element radially and easy to maintain for shaft seal.

Fluid-air Separation System

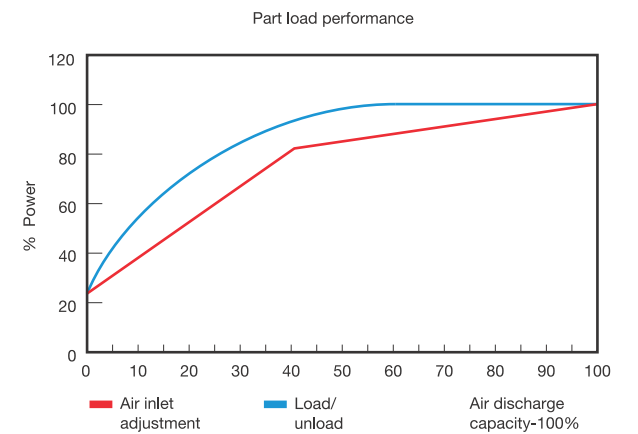
- Large capacity and highly efficient fluid-air separator with special design inside, multistate separation to make good separation result.
- The pressure decreased lowly and saving almost 1% power consumption.

Air Inlet Regulating Valve

- Decrease the times of load and unload, low running cost.
- Longer life for seldom impulsive load.

Air Capacity Regulation

- Realize compressor air discharge capacity with demand 0%-100% stepless regulation.
- Better meet the air demand of customer to save energy consumption.

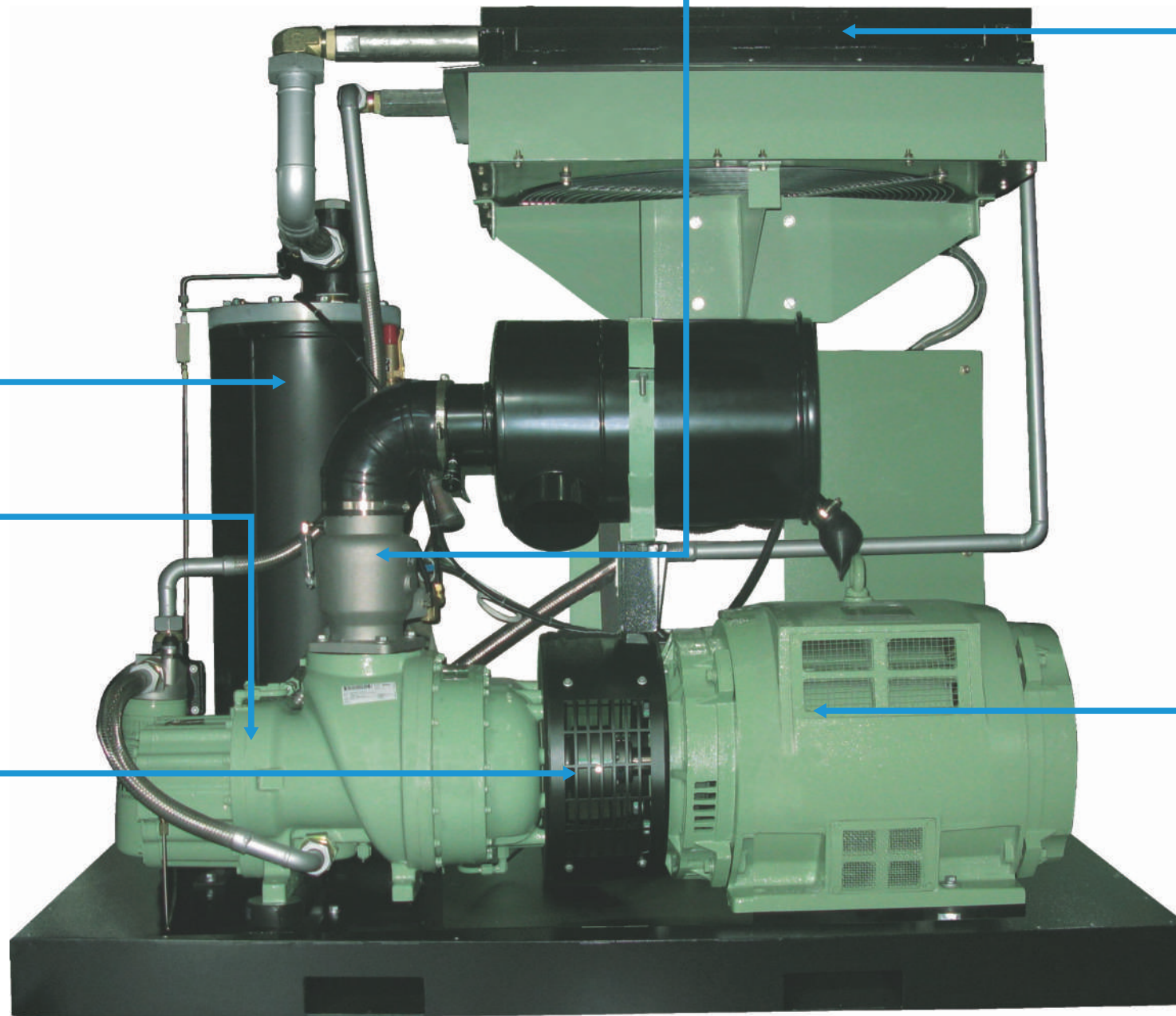


High Efficiency Cooling System

- Oversized cooler, huge design margin, cooler heat dissipation area is one third bigger than ordinary cooler.
- High cooling efficiency, effectively extend the life of fluid and lower running cost.

High Efficiency Motor

- Good heat dissipation capacity, B class temperature rise, insulation and not easy aging.
- High quality bearings with small erosion for longer life to ensure long-term continuous trouble-free operation.



NOTE: The above figures are for reference only, subject to the real machine.