

## PA series screw air compressors

Model	Working pressure bar	Capacity m <sup>3</sup> /min	Power kW	Dimension LxWxH (mm)
PA 75/10	10	10	75	2440x1160x1620
PA 90/10	10	14	90	2560x1300x1620
PA 110/10	10	16	110	2760x1340x1710
PA 132/10	10	20	132	2760x1340x1710
PA 160/10	10	23	160	2860x1510x1810
PA 200/10	10	30	200	3400x2100x2100
PA 7.5/13	13	0.8	7.5	1060x800x1230
PA 11/13	13	1.2	11	1060x800x1230
PA 15/13	13	1.7	15	1060x800x1230
PA 18.5/13	13	2.3	18.5	1080x800x1415
PA 30/13	13	3.7	30	1300x1100x1650
PA 37/13	13	4.8	37	1300x1100x1650
PA 45/13	13	5.6	45	1300x1100x1650
PA 55/13	13	7.5	55	1950x1160x1550
PA 75/13	13	10	75	1580x1320x1646
PA 90/13	13	12	90	2560x1300x1620
PA 110/13	13	13	110	2760x1340x1710
PA 132/13	13	16	132	2760x1340x1710
PA 160/13	13	20	160	2860x1510x1810
PA 185/13	13	21	185	2860x1510x1810
PA 200/13	13	27	200	3400x2100x2100

YOUR LOCAL REPRESENTATIVE:

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

BULLETIN: JA2012PA

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# PRIME

## SCREW AIR COMPRESSORS



# PA SERIES SCREW AIR COMPRESSORS



## FEATURES & BENEFITS

### Economic Running Costs

Capacity, 0-100% adjustment step less. When the gas consumption reduced, the capacity decreases, following motor current is also reduced; without consumption, air compressor is running without capacity, if this status keeps for a long time, compressor automatically shut down. While air consumption increases, compressor recovers. Energy-saving effect is optimal.

### Good Environmental Adaptability

Extraordinary cooling system design, especially for the Asian high-temperature, high humidity environment. Excellent vibration isolation and noise reduction measures, so that the installation of our screw compressor no need for a dedicated basis, only to leave a minimum ventilation and maintenance space, you can settle your compressor

### Screw Rotor Profile Design features:

First, the curved face of the rotors engaged fully, thus contributing to the formation of a hydro-dynamic lubrication film, reducing the contact zone of the lateral leakage, improve compressor efficiency; as well as to improve the processing, test performance of the rotor.

Two, using the design ideas of the greater rotor, bigger bearing, low-speed, speed lower than other brands up to 30 ~ 50%, this could reduce noise and vibration, reducing the compressed air temperature and improve the rigidity of rotor and prolong its life, reduce sensitivity to the impurity and the oil carbide.

Third, the power range of 4-355KW, among them, 18.5-250KW are Direct driven, 299-250KW are 4 pole motor, speed as low as 1480 r/min.



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Model	Working pressure bar	Capacity m <sup>3</sup> /min	Power kW	Dimension LxWxH (mm)
PA 7.5/8	8	1.2	7.5	900x700x1040
PA 11/8	8	1.7	11	1060x800x1230
PA 15/8	8	2.4	15	1060x800x1230
PA 18.5/8	8	3	18.5	1080x880x1415
PA 22/8	8	3.6	22	1080x880x1415
PA 30/8	8	5	30	1300x1100x1650
PA 37/8	8	6	37	1300x1100x1650
PA 45/8	8	7.1	45	1300x1100x1650
PA 55/8	8	10	55	1950x1160x1550
PA 75/8	8	13	75	1580x1329x1646
PA 90/8	8	16	90	2569x1300x1620
PA 110/8	8	20	110	2760x1340x1710
PA 132/8	8	22	132	2760x1340x1710
PA 160/8	8	27	160	2860x1510x1810
PA 180/8	8	30	185	3400x2100x2100
PA 200/8	8	35	200	3400x2100x2100
PA 220/8	8	40	220/4 pole	3500x2100x2101
PA 250/8	8	46	250/4	3580x2100x2102
PA 315/8	8	58	315/4	3400x2100x2103
PA 355/8	8	62	355/4	3400x2100x2104
PA 400/8	8	70	400/4	3400x2100x2105
PA 7.5/10	10	1	7.5	900x700x1040
PA 11/10	10	1.5	11	1060x800x1230
PA 15/10	10	2.2	15	1060x800x1230
PA 18.5/10	10	2.7	18.5	1080x880x1415
PA 22/10	10	3.2	22	1080x880x1415
PA 30/10	10	4.5	30	1300x1100x1650
PA 37/10	10	5.6	37	1300x1100x1650
PA 45/10	10	6.5	45	1300x1100x1650
PA 55/10	10	8.5	55	1500x1250x1566