

FIXED SPEED SPECIFICATIONS

MODEL	POWER		AIR FLOW RANGE m ³ /min			AIR OUTLET BSP	NOISE LEVEL dba	Dimensions mm (L x l x H)	Weight kg
	kW	HP	7,5 bar	10 bar	13 bar				
MSC 15	15	20	2,7	2,3	1,9	1"	69	1250 x 850 x 1465	410
MSC 18	18,5	25	3,3	2,8	2,4	1"	69	1250 x 850 x 1465	420
MSC 22	22	30	3,8	3,5	3,0	1"	70	1250 x 850 x 1465	450
MSC 30	30	40	4,6	4,0	3,6	1 1/4"	70	1550 x 1030 x 1750	683
MSC 30P	30	40	5,2	4,3	3,7	1 1/4"	70	1550 x 1030 x 1750	710
MSC 37	37	50	6,4	5,4	4,3	1 1/4"	70	1550 x 1030 x 1750	742
MSC 45	45	60	7,2	6,4	5,4	1 1/4"	76	1550 x 1030 x 1750	876
MSC 45P	45	60	8,0	6,9	5,6	1 1/2"	76	2000 x 1200 x 1810	1170
MSC 55	55	75	9,6	8,5	6,6	1 1/2"	76	2000 x 1200 x 1810	1340
MSC 75	75	100	12,4	10,5	8,7	1 1/2"	78	2000 x 1200 x 1810	1610
MSC 75P	75	100	13,0	10,9	9,0	2"	78	2500 x 1400 x 2037	1940
MSC 90	90	125	15,8	13,5	11,0	2"	79	2500 x 1400 x 2037	2240
MSC 110	110	150	18,8	16,5	14,0	2"	79	2500 x 1400 x 2037	2500
MSC 132	132	180	22,8	19,5	16,0	2 1/2"	79	2500 x 1750 x 2000	2873
MSC 160	160	220	27,4	23,0	19,5	2 1/2"	79	2500 x 1750 x 2000	3030
MSC 200	200	270	36,1	30,0	24,0	NW100	79	3000 x 2250 x 2400	4950
MSC 250	250	340	44,0	37,5	31,3	NW100	79	3000 x 2250 x 2400	5540
MSC 315	315	430	52,5	45,5	39,0	NW125	79	3000 x 2250 x 2400	6025

VARIABLE SPEED SPECIFICATIONS

MODEL	POWER		AIR FLOW RANGE m ³ /min			AIR OUTLET BSP	NOISE LEVEL dba	Dimensions mm (L x l x H)	Weight kg
	kW	HP	7,5 bar	10 bar	13 bar				
MSC-V 18	18,5	25	0,7 - 3,5	1,0 - 3,0	1,0 - 2,5	1"	69	1250 x 850 x 1465	454
MSC-V 25	25	35	1,0 - 4,0	1,0 - 3,7	1,0 - 3,4	1"	70	1250 x 850 x 1465	506
MSC-V 30	30	40	1,3 - 5,2	1,2 - 4,4	1,2 - 3,9	1 1/4"	70	1550 x 1030 x 1750	730
MSC-V 37	37	50	1,2 - 6,5	1,2 - 5,8	1,2 - 4,8	1 1/4"	70	1550 x 1030 x 1750	768
MSC-V 45	45	60	1,2 - 7,3	1,2 - 6,6	1,5 - 5,6	1 1/4"	75	1550 x 1030 x 1750	930
MSC-V 50	50	67	1,5 - 8,3	1,5 - 7,3	1,5 - 6,1	1 1/2"	74	2000 x 1200 x 1810	1270
MSC-V 60	60	80	1,9 - 10,4	2,0 - 8,7	2,0 - 6,9	1 1/2"	76	2000 x 1200 x 1810	1227
MSC-V 75	75	100	1,9 - 12,5	2,1 - 10,5	2,2 - 8,7	1 1/2"	78	2000 x 1200 x 1810	1425
MSC-V 75P	75	100	3,0 - 13,5	3,0 - 11,0	3,0 - 9,2	2"	78	2500 x 1400 x 2037	1950
MSC-V 90	90	125	3,0 - 16,0	3,0 - 13,5	3,0 - 11,1	2"	79	2500 x 1400 x 2037	2100
MSC-V 125	125	170	3,3 - 20,5	3,3 - 16,4	3,3 - 15,0	2"	79	2500 x 1400 x 2037	2200
MSC-V 150	150	200	3,5 - 25,3	3,5 - 20,1	3,5 - 18,3	2 1/2"	79	2750 x 1750 x 2000	2970
MSC-V 180	180	240	5,0 - 30,0	5,5 - 25,0	5,5 - 21,6	2 1/2"	79	2750 x 1750 x 2000	3080
MSC-V 220	220	295	5,5 - 39,0	5,5 - 32,5	5,5 - 28,5	NW100	79	3000 x 2250 x 2400	4760



www.mac3.fr



Equipment complying
with EU regulation
in force.

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Your distributor:



MSC

15 to 315 kW



Rotary screw compressors
Belt driven

- Economy
- Ergonomics
- Performances
- Profitability

MSC range

EFFICIENT AND ECONOMICAL

OPTIMAL SOLUTION FOR ANY INDUSTRIAL COMPRESSED AIR APPLICATION

Easily removable canopy panels allowing quick access to all components
Soundproof canopy with fireproof insulating material

3-level separation system
Long-life filter element ensures oil carryover lower than 3ppm

High-performance airend reliable and widely renowned

The whole set is mounted on anti-vibration pads

- to reduce noise level
- to absorb vibrations

Belt-pulley-coupling:

- V-belt transmission system
- easy tension and alignment adjustments
- belt protection guard

High-efficiency electrical motor

- IP55 class F insulation
- Y-Δ starter

Solid frame

- easy forklift handling
- small footprint



Electronic, intuitive and ergonomical controller

- alarms and faults
- preventive maintenance
- remote control

Air cooling system

- Oil cooler and aftercooler oversized
- Fluid temperature controlled by thermostatic valve
- Temperature regulated cooling fan

Oversized inlet valve guarantees efficient operation and optimum performances



Renowned electrical components

- phase control relay as a standard
- integrated short-circuit breaker

EXTENDED WARRANTIES AS A STANDARD

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The quality of our products allows us to offer 5-year* extended warranties on:

- Air end
- Main motor
- Separator
- Cooler
- Controller

* Extended warranties are contractual, available through our distribution network.

ADVANTAGES

- Optimum specific power
- Operating up to 43°C ambient temperature
- Supplying high quality air with oil carryover lower than 3 ppm
- Renowned quality components
- Efficient electronic controller
- Wide range of variable speed models

ERGONOMICS

- Quick start-up
- Simple use
- Easy servicing
- Electronic controller
- Preventive maintenance

VARIABLE SPEED OPTION

Variable speed technology is particularly well adapted to installations with significant variations in compressed air consumption.

It allows to adapt automatically compressed air supply to requirements, guaranteeing a constant network pressure in the same time.

Up to 35% energy savings = quick payback!

Fixed speed compressor



- Energy consumption
- Maintenance
- Investment
- Savings up to 35%

Variable speed compressor



FROM 18.5 kW TO 220 kW

Numerous advantages for users:

- Wide regulation range
- Significant energy savings at part load
- Low locked rotor amps, soft starting
- Elimination of unload phases
- Compressed air supply with constant pressure
- High-performance electronic controller

