

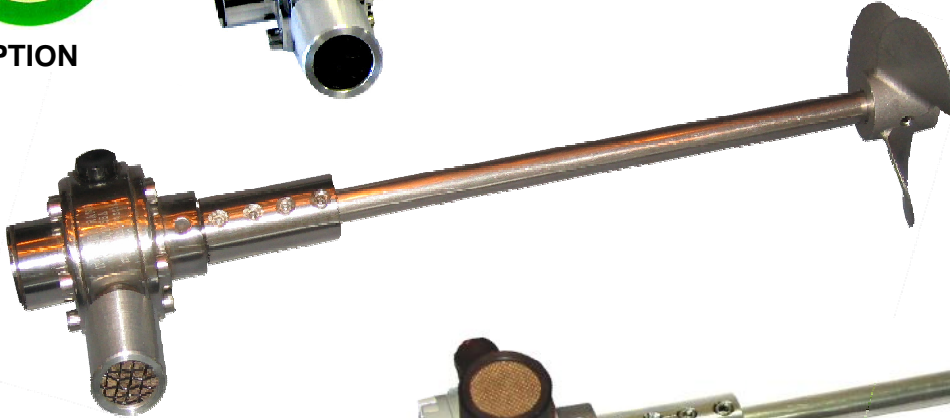
# Mixers



OPTION



47084



47085



47086



47087

*All mixer models equipped with SS shafts and propellers.  
Series SS air motors made completely of stainless steel.*

Mixer Model	Max.Power Hp	Shaft RPM operational range rpm	Stall Torque Nm	Torque max Power Nm	Air Consumption at Max. Power m <sup>3</sup> /m	Weight kg	Dims mm
47084	0,3	300 - 7000	0,5	0,3	0,5	1,3	412
47085	0,3	300 - 7000	0,5	0,3	0,5	1,3	412
47086	0,3	300 - 7000	0,5	0,3	0,5	1,3	412
47087	0,3	300 - 7000	0,5	0,3	0,5	1,3	412

*Performance figures are at 620 kPa air pressure.*

Mixer Model	Air Motor Model	Propeller	Number of propellers	Peg	Bushing
47084	MRV003RSSC	Propeller SS-4"x1/2" C-MP450R buffed mirror finish	1	47081.001	47080.002
47085	MRV003RSSC	Propeller SS-4"x1/2" C-MP450R roto dull finish	1	47081.001	47080.002
47086	MRV003AL	Propeller SS-4"x1/2" C-MP450R buffed mirror finish	1	47081.001	47080.002
47087	MRV003AL	Propeller SS-4"x1/2" C-MP450R roto dull finish	1	47081.001	47080.002

# Mixers



OPTION



47088



47089



47090



47091

All mixer models equipped with SS shafts and propellers.  
Series SS air motors made completely of stainless steel.

Mixer Model	Max.Power Hp	Shaft RPM operational range rpm	Stall Torque Nm	Torque max Power Nm	Air Consumption at Max. Power m <sup>3</sup> /m	Weight kg	Dims mm
47088	0,9	300 - 3000	3,4	2	1,3	4,5	433
47089	0,9	300 - 3000	3,4	2	1,3	4,5	433
47090	0,9	300 - 3000	3,4	2	1,3	4,5	433
47091	0,9	300 - 3000	3,4	2	1,3	4,5	433

Performance figures are at 620 kPa air pressure.

Mixer Model	Air Motor Model	Propeller	Number of propellers	Peg	Bushing
47088	MRV009RSSC	Propeller SS-5"x1/2" C-MP550R buffed mirror finish	1	47081.001	47081.002
47089	MRV009RSSC	Propeller SS-5"x1/2" C-MP550R roto dull finish	1	47081.001	47081.002
47090	MRV009C	Propeller SS-5"x1/2" C-MP550R buffed mirror finish	1	47081.001	47081.002
47091	MRV009C	Propeller SS-5"x1/2" C-MP550R roto dull finish	1	47081.001	47081.002

# Mixers



OPTION



All mixer models equipped with SS shafts and propellers.  
Series SS air motors made completely of stainless steel.

Mixer Model	Max.Power Hp	Shaft RPM operational range rpm	Stall Torque Nm	Torque max Power Nm	Air Consumption at Max. Power m <sup>3</sup> /m	Weight kg	Dims mm
47092	0,9	300 - 3000	3,4	2	1,3	5,1	940
47093	0,9	300 - 3000	3,4	2	1,3	5,1	940
47094	0,9	300 - 3000	3,4	2	1,3	5,1	940
47095	0,9	300 - 3000	3,4	2	1,3	5,1	940

Performance figures are at 620 kPa air pressure.

Mixer Model	Air Motor Model	Propeller	Number of propellers	Peg	Bushing
47092	MRV009RSSC	Propeller SS-5"x1/2" C-MP550R buffed mirror finish	2	47092.001	47081.002
47093	MRV009RSSC	Propeller SS-5"x1/2" C-MP550R roto dull finish	2	47092.001	47081.002
47094	MRV009C	Propeller SS-5"x1/2" C-MP550R buffed mirror finish	2	47092.001	47081.002
47095	MRV009C	Propeller SS-5"x1/2" C-MP550R roto dull finish	2	47092.001	47081.002

# Assesorues fo mixer.

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## Electronic Tachometer for Series MRV Air Motors

Electronic Tachometer is designed to measure the air motor shaft rotation frequency, count RPMs during a targeted time period and motor-hours during the air motor operation.



**Air Motor Model equipped with Electronic Tachometer**

### Features:

- | Long life
- | Easy-to-control (only one control button)
- | Mechanical rigidity
- | Rustproof materials for parts exposed to rust (Aluminum alloy)

### Specifications:

- Angular speed measuring range, rpm 10...10000
- Average relative error in angular speed measurement, %, not more than 1
- Parameter saving with power switch-off (Battery replacement)

### Application:

The necessity of measuring the air motor shaft rotation frequency emerges rather frequently. It can be belt conveyor drives, paint-mixing mechanisms, various vibration machines, where the resonance frequency is generated in the narrow range of the air motor shaft rotation. Also, it can come to be necessary to trace RPMs within a specific time period, e.g. for test equipment.

Pursuing the challenge, Instrum-Rand has developed the Electronic Tachometer for Series MRV Air Motors. Electronic Tachometer is designed as a complete unit built into the air motor rear end plate. The LED symbol indicator indicates the operation parameters. The operation modes are selected with the "M" button.