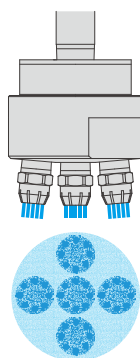




For compressors



Blow pattern

- Compact nozzle-header with 5 nozzles. The nozzles are available with different orifice diameters. Upon request nozzle-headers with 4 or 7 nozzles are available as well.
- The ergonomic design ensures a highly effective air flow.
- Recommended for applications requiring high volume and powerful air flow.
- Nozzle-header and adaptor only are also available in lightweight A6061 aluminum upon request.



Material
S316L equivalent & S303



Weight
800 g



Max. operating pressure
1.0 MPa (140 psi)



Max. temperature
216°C (420°F)



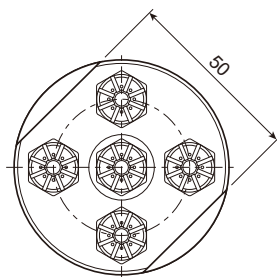
Noise level
83–91 dBA at 0.3 MPa



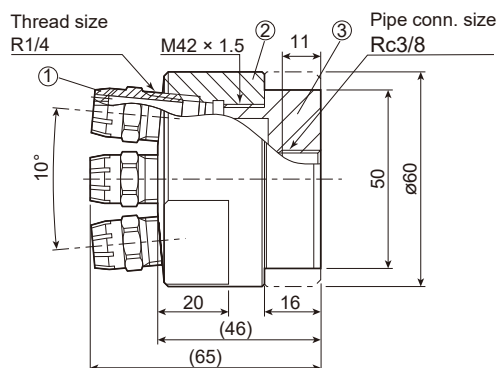
Air consumption
1,225–3,136 L/min, Normal at 0.3 MPa

Drawing

■ 3/8F TF-M5R 8-*** S303
[*** = 010, 012, 014, or 016]



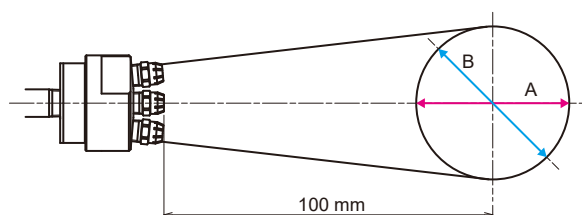
1. Nozzle* 2. Nozzle-header 3. Adaptor
*1/4M TF-R S316L-IN air nozzles (see Page 32)



Unit: mm

Sealing materials are used for assembly of some parts.

Blowing Pattern



Orifice code	A (mm)			B (mm)		
	0.1 MPa	0.3 MPa	0.5 MPa	0.1 MPa	0.3 MPa	0.5 MPa
8-010	95	100	100	70	70	70
8-016	100	105	105	45	45	45

Noise Level at a distance of 1,000 mm

Background noise: 46 dBA

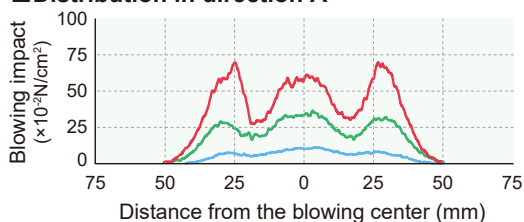
Orifice code	Pressure (MPa)	Noise level (dBA)	Orifice code	Pressure (MPa)	Noise level (dBA)
8-010	0.1	72	8-016	0.1	80
	0.3	83		0.3	91
	0.5	86		0.5	97

Blowing Impact Distribution at 100 mm below the nozzle orifice

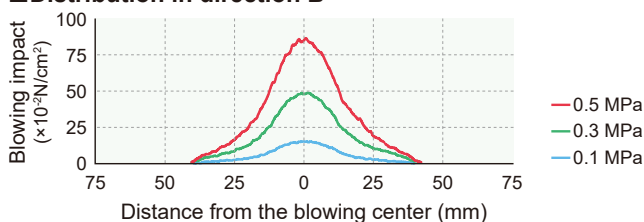
Blowing impact distributions below are measured in the directions of A and B indicated in the Blowing Pattern diagram on page 35.

Model: TF-M5R 8-010

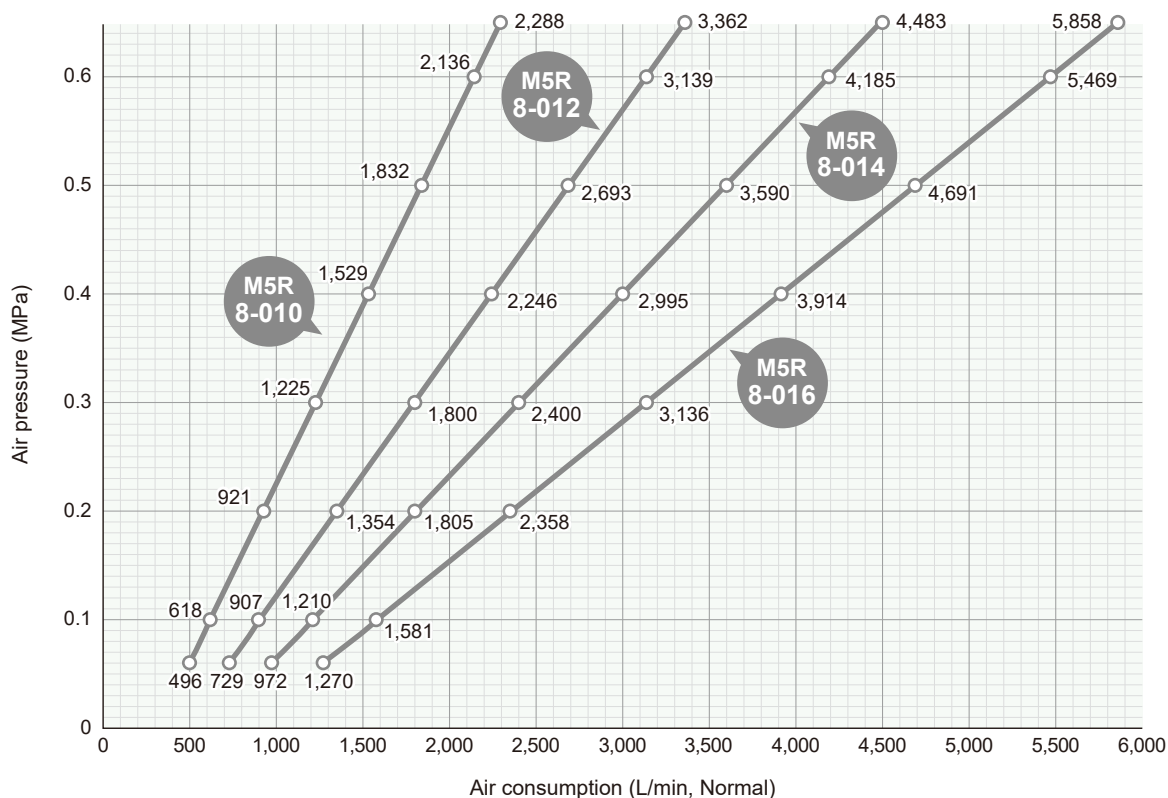
■ Distribution in direction A



■ Distribution in direction B



Air Consumption



HOW TO ORDER

Please inquire or order for a specific nozzle using this coding system.

<Example> 3/8F TF-M5R 8-010 S303
3/8F TF-M5R 8-010 S303
 Orifice Code
 ● 8-010 ● 8-012
 ● 8-014 ● 8-016

For details of the orifice code, see Page 32.