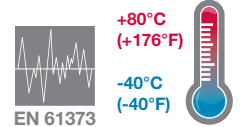


- > Port size: R1/8 ... R2, Rc1/8 ... Rc1, Rp11/4 ... Rp2
- > Reduce the noise levels of pneumatic equipment
- > High flow capacity with low back pressure
- > Brass mesh screen and aluminium construction
- > Provide improved flow, longer life and cleanable element
- > Shock and vibration resistant to EN 61373, Category 1, class A and B



### Technical features

**Medium:**  
Compressed air, filtered, lubricated and non-lubricated, inert gases

**Operation:**  
Heavy duty silencer

**Operating pressure:**  
20 bar (290 psi) maximum

**Port size:**  
1/8", 1/4", 3/8", 1/2", 3/4", 1, 1 1/4", 1 1/2", 2"

**Mounting:**  
Directly in exhaust port

**Ambient/Media temperature:**  
-40 ... +80°C (-40 ... +176°F)  
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

**Materials:**  
Body: aluminium and shell, Filter element: brass mesh

### Technical data

#### Male thread, standard models

Symbol	Port size	Flow factor Cv	Flow factor C *1)	Kv *2)	Weight (kg)	Model
	1/8"	2	8,2	1,75	0,03	MB001#
	1/4"	2,2	9	1,92	0,03	MB002#
	3/8"	2,94	12	2,56	0,03	MBP03#
	3/8"	4,78	19,5	4,16	0,10	MB003#
	1/2"	5,49	22,4	4,78	0,09	MB004#
	3/4"	5,49	22,4	4,78	0,09	MBP06#
	3/4"	12,5	51	10,78	0,45	MB006#
	1"	15,68	64	13,65	0,40	MB008#
	1 1/4"	16,67	68	14,5	0,40	MBP10#

\*1) Measured in dm<sup>3</sup>/(s.bar)

\*2) Measured in m<sup>3</sup>/h

# Please insert 'B' for ISO R and 'A' for NPT thread

#### Female thread, standard models

Symbol	Port size	Flow factor Cv	Flow factor C *1)	Kv *2)	Weight (kg)	Model ISO Rc
	1/8"	2	8,2	1,75	0,03	MA001#
	1/4"	2,57	10,5	1,29	0,03	MA002#
	3/8"	5,83	23,8	5,07	0,10	MA003#
	1/2"	5,71	23,3	4,97	0,09	MA004#
	3/4"	16,18	66	14,07	0,45	MA006#
	1"	16,67	68	14,5	0,40	MA008#

# Please insert 'B' for ISO Rc and 'A' for NPT thread

Symbol	Port size	Flow factor Cv	Flow factor C *1)	Kv *2)	Weight (kg)	Model
	1 1/4"	26,7	110	23,45	0,62	MA010#
	1 1/2"	40,93	167	35,6	0,60	MA012#
	2"	53,9	220	46,9	0,76	MA016#

# Please insert 'C' for ISO G (only for 1 1/4" ... 2"), 'A' for NPT thread

### Option selector

#### Male thread

Port size	Substitute
1/8"	001
1/4"	002
3/8"	P03*
3/8"	003
1/2"	004
3/4"	P06*
3/4"	006
1"	008
1 1/4"	P10*
Thread form	Substitute
PTF	A
ISO R, taper	B

\* Compact size

#### MB★★★★

#### Female thread

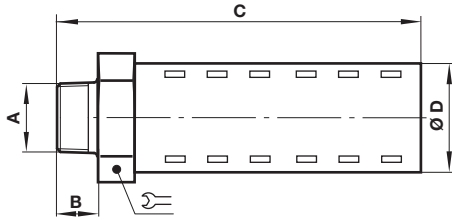
Port size	Substitute
1/8"	001
1/4"	002
3/8"	003
1/2"	004
3/4"	006
1"	008
1 1/4"	010
1 1/2"	012
2"	016
Thread form	Substitute
PTF	A
ISO Rc, taper	B
ISO Rp, parallel	C


#### MA★★★★

## Dimensions

Dimensions in mm  
Projection/First angle

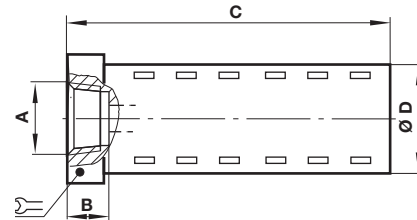
### Male thread



A	B	C	D		Model
1/8"	9	51	21	21	MB001#
1/4"	13	55	21	21	MB002#
3/8"	13	55	21	21	MBP03#
3/8"	13	88	32	32	MB003#
1/2"	17	92	32	32	MB004#
3/4"	17	92	32	32	MBP06#
3/4"	20	134	51	51	MB006#
1"	23	138	51	51	MB008#
1 1/4"	26	140	51	51	MBP10#

# Please insert 'B' for ISO R and 'A' for NPT thread

### Female thread



A	B	C	Ø D		Model
1/8"	6	42	21	21	MA001#
1/4"	9	45	21	21	MA002#
3/8"	9	78	32	32	MA003#
1/2"	12	83	32	32	MA004#
3/4"	12	118	51	51	MA006#
1"	15	118	51	51	MA008#
1 1/4 "	15	144	64	64	MA010#
1 1/2"	15	144	64	64	MA012#
2"	16	168	76	76	MA016#

# Please insert 'B' for ISO R and 'A' for NPT thread,  
'C' for ISO G (only for 1 1/4" ... 2")

## Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under

### »Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.