T30
High pressure silencer

- Port size: R1 ... R1 1/2
- Heavy duty high pressure silencer
- Reduce the noise levels of pneumatic equipment
- High flow capacity with low back pressure
- Enhanced safety against solid ejection hazard
- High dirt capacity
- Industrial plant environmental resistance

Technical features

Medium:
Compressed air, filtered, lubricated and non-lubricated

Operating:
Exhaust silencer

Operating pressure:
0 ... 40 bar (0 ... 580 psi)

Port size:
R1, R1 1/4 or R1 1/2

Mounting:
Directly in the exhaust port

Ambient/Media temperature:
0 ... +80°C (+32 ... +176°F)
Air supply must be dry enough to avoid ice formation at temperatures below 2°C (+35°F).

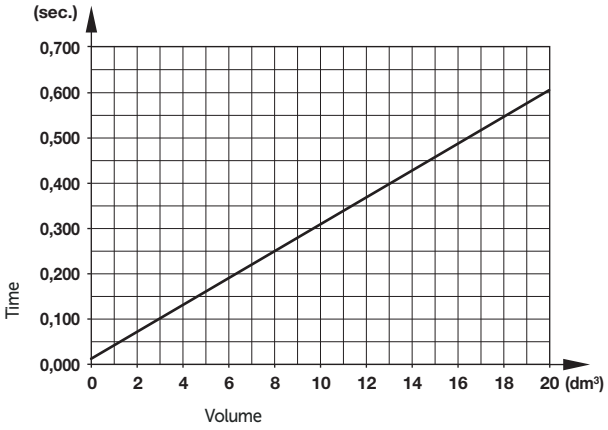
Materials:
Core tube: aluminium
Adaptor, nuts, shell: zinc plated steel
Supports: aluminium
Mesh: zinc plated iron
Porous element: glassfiber

Technical data

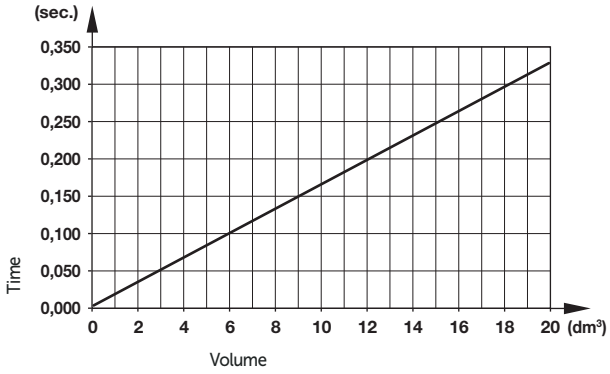
Symbol	Port size	Flow factor Cv *1)	C	Continuous sound pressure level *2)	Weight (kg)	Spare kit	Model
	R1	98	24	117	2,1	T30BB800K0	T30B8800
	R1 1/4	170	41,7	117	2,1	T30BB800K0	T30BA800
	R1 1/2	180	44,1	117	2,1	T30BB800K0	T30BB800

*1) Measured in dm3/ (s.bar)
*2) Measured in dBA/40 bar, 1 meter from unit

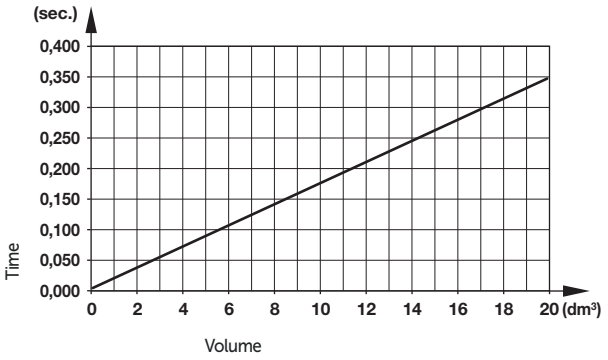
R 1 Silencer exhaust time (95%) vs volume



R 1 1/2 Silencer exhaust time (95%) vs volume



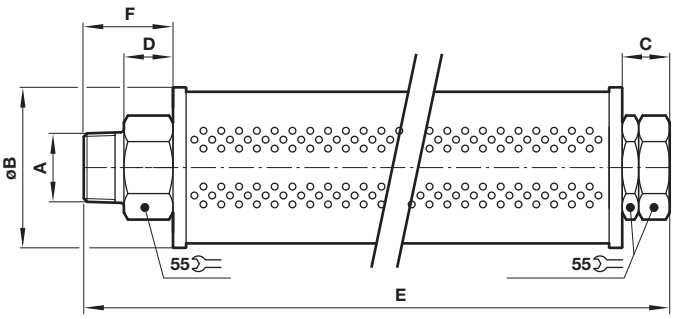
R 1 1/2 Silencer exhaust time (95%) vs volume



Note: Graphs provided with silencer fitted directly on capacity.
Restriction between capacity and silencer will introduce additional time.

Dimensions

Dimensions in mm
Projection/First angle



A	Ø B	C	D	E	F	Model
R 1	98	29	30	391,5	53	T30B8800
R 1 1/4	98	29	30	393	54,5	T30BA800
R 1 1/2	98	29	30	393	54,5	T30BB800

Warning

These products are intended for use in industrial compressed air 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 Norgren Ltd.
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.