

M/55900 Air/oil pressure converter

Converter volume 0,25 ... 5 dm³



Basic module to convert
pneumatic pressure into
hydraulic pressure
Simple to install
Corrosion resistant construction
Integrated oil level indicator

TECHNICAL DATA

Medium:

Compressed air: Filtered, lubricated or non-lubricated

Oil filling: Mineralic hydraulic oils ISO VG 32 or ISO VG 46 according to DIN 51524

Installation position:

Only vertical, oil port below

Operating pressure:

10 bar max.

Operating temperature:

-20°C ... +60°C

Consult our Technical Service for use below +2°C

MATERIALS

Barrel: anodized aluminium alloy

End covers: anodized aluminium alloy

Baffle plates: anodized aluminium alloy

Fittings: brass

Screws and nuts: zinc plated steel

Oil level indicator: PA-tube

Seals: nitrile rubber

STANDARD MODELS

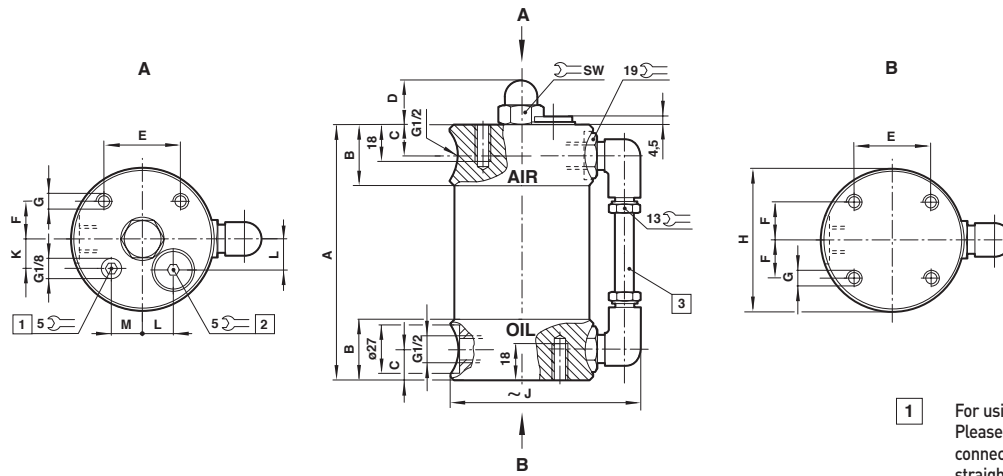
Volumes (dm ³)	Port size	MODELS	ACCESSORIES			Mountings	
			Straight fitting	Elbow fitting	Service kit	A	C
			Tube diameter in bold				
0,25	G1/2	M/55903	43125 10 48	43145 10 48	QM/55901/00	QM/8032/35	QA/8040/21
0,50	G1/2	M/55905	43125 10 48	43145 10 48	QM/55901/00	QM/8032/35	QA/8040/21
0,75	G1/2	M/55908	43125 10 48	43145 10 48	QM/55901/00	QM/8032/35	QA/8040/21
1,00	G1/2	M/55910	43125 10 48	43145 10 48	QM/55901/00	QM/8032/35	QA/8040/21
1,50	G1/2	M/55915	43125 14 48	43145 14 48	QM/55901/00	QM/8032/35	QA/8040/21
2,00	G1/2	M/55920	43125 14 48	43145 14 48	QM/55901/00	QM/8032/35	QA/8040/21
3,00	G1/2	M/55930	43125 14 48	43145 14 48	QM/55902/00	QM/8050/35	QA/8063/21
4,00	G1/2	M/55940	43125 14 48	43145 14 48	QM/55902/00	QM/8050/35	QA/8063/21
5,00	G1/2	M/55950	43125 14 48	43145 14 48	QM/55902/00	QM/8050/35	QA/8063/21

Note: To calculate the volume of the pressure converter 50% must be added to the volume of the cylinder



BASIC DIMENSIONS

M/55900 – Air/oil pressure converter



1 For using gauge:
Please order gauge, nipples
connector (150201818) and
straight connector (160221818)
separately.

2 Oil filling plug

3 Oil level indicator

MODELS	A	B	C	D	E	F	G	Ø H	J	K	L	M	SW	Weights
M/55903	150	30	15	23	38	19	M 6	69	95	17	16	13	19	1,10 kg
M/55905	232	30	15	23	38	19	M 6	69	95	17	16	13	19	1,28 kg
M/55908	315	30	15	23	38	19	M 6	69	95	17	16	13	19	1,46 kg
M/55910	400	30	15	23	38	19	M 6	69	95	17	16	13	19	1,64 kg
M/55915	564	30	15	23	38	19	M 6	69	95	17	16	13	19	2,00 kg
M/55920	730	30	15	23	38	19	M 6	69	95	17	16	13	19	2,36 kg
M/55930	472	35	17,5	35	56,5	32,5	M 8	108	135	25	25	25	30	4,36 kg
M/55940	604	35	17,5	35	56,5	32,5	M 8	108	135	25	25	25	30	5,04 kg
M/55950	736	35	17,5	35	56,5	32,5	M 8	108	135	25	25	25	30	5,72 kg