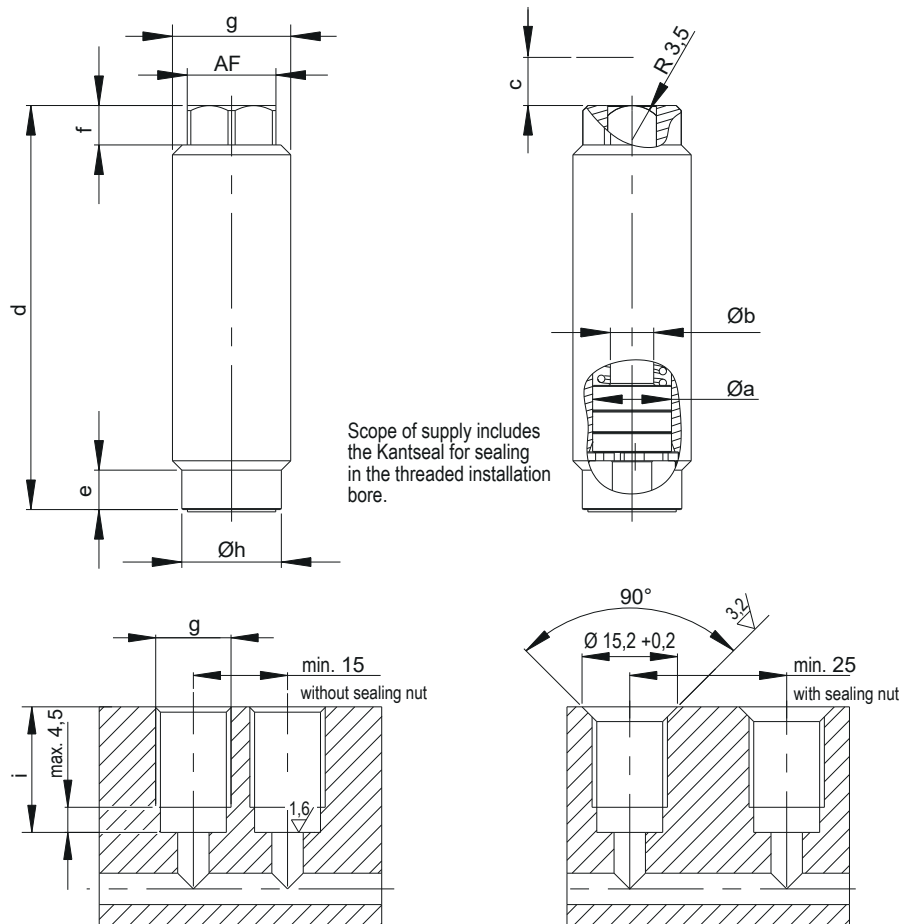


# Threaded body cylinders

small-format design, single-acting with reset spring, pmax. 500 bar

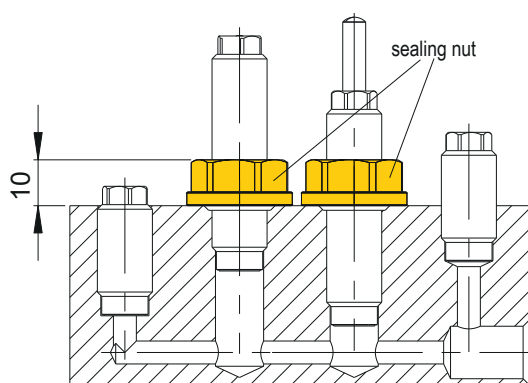
**210-4**

Issue: 08/2024



## Technical data:

a Piston Ø	[mm]	8	8	8
b Piston rod Ø	[mm]	5	5	5
c Stroke	[mm]	5	10	16
Piston surface	[cm²]	0,5	0,5	0,5
Coupling force at 100 bar	[kN]	0,5	0,5	0,5
Coupling force at 500 bar	[kN]	2,5	2,5	2,5
Actuating pressure min.	[bar]	5	5	5
Reset force min.	[N]	15	15	15
Oil req./10 mm stroke	[cm³]	0,5	0,5	0,5
Tightening torque max.	[Nm]	10	10	10
Weight	[g]	16	24	28
d	[mm]	28	41	51
e	[mm]	4	4	4
f	[mm]	4	4	4
g	[mm]	M12x1,5	M12x1,5	M12x1,5
h	[mm]	10,1	10,1	10,1
i min./max.	[mm]	11/24	11/37	11/47
AF		9	9	9
Order number	EZY-EM-	...08-05-BP001	...08-10-BP001	...08-16-BP001



The sealing nut is available as accessory.

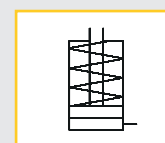
## Accessories:

**Sealing nut**  
(tightening torque max. 25 Nm)  
**Order No: 7012-056**

**Kantseal**  
(spare part)  
**Order No: 6005-010**



**Webcode: 021004**



## Description:

These single-acting threaded body cylinders are ideal for clamping small workpieces because of their small-format design.

With a small cylinder spacing as low as 15 mm, the threaded body cylinders can be screwed into multi-clamping fixtures to save space.

The pressure oil supply is realized through drilled channels. The cylinder is sealed against the ground in the threaded installation hole by the supplied Kantseal.

Workpiece tolerances of more than 20 mm can be compensated by means of a sealing nut (accessory). The sealing nut allows a continuous adjustment of the screwing depth of the cylinder. Thereby it also seals the cylinder at the upper edge of the threaded installation bore against leakage.

## Important note:

The threaded body cylinder with reset spring is not load-bearing in the declamped and retracted state.

Protect the cylinders from direct exposure to aggressive cutting fluids and coolants. General operating conditions and other information can be found in the catalog or in the Internet on page:

## "Recommendations & Specifications"

**We also design and manufacture customized variants!**



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