

# Slow Start-up Valve

## New Crane Development - Suitable for all brands This **DEPA** Accessory offers **low wear** for all Air Operated Diaphragm Pumps

DEPA-ZUB/AA-GB/11.01/GP

The concept of the air operated diaphragm pump is: A flexible diaphragm is moved by compressed air. The media is then drawn into the pump chamber and next displaced into the discharge manifold. The air control unit is central to this task.

Particularly when starting such a pump - when both pump chambers are still empty - the unthrottled feed of compressed air leads to a sudden shock loading into the pump, which means stress to the body and the diaphragms have a much higher wear.

This applies particularly to plastic pumps and also for all brands which are equipped with PTFE diaphragms. Also every uncontrolled stroke allows pressure pulses into the pipe work, effecting instrumentation and installation.



*The new Slow **Start-up valve** developed by Crane Flow offers low wear on housing and diaphragms and can be fitted before every commercial air operated diaphragm pump.*

However, if the air operated diaphragm pump is equipped with the new **Slow Start-up valve** developed by Crane Flow, the operator can regulate the air supply specifically. This means the compressed air is then built-up gradually.

**The great advantage:** No material stressing pressure pulses occur. Due to the lower wear a longer life time of the housing and the diaphragms is guaranteed.

**Important:** The new **Slow Start-up valve** is not dependent on any brand and can be fitted before any commercial air operated diaphragm pump (operating pressure max. 16 bar).

Infinite control of the air supply is made by a simple adjustment directly on the valve which is installed in a stable metal housing.

**A further advantage:** The use of this **Slow Start-up valve** can significantly improve the suction lift of many air operated diaphragm pumps.

### Technical Data

<b>Media</b>	Compressed air, lubricated or non-lubricated, Filter fineness 40 µm
<b>Operating pressure</b>	16 bar max.
<b>Operating temp.</b>	-10°C to 60°C
<b>Orientation</b>	arbitrary
<b>Fitting</b>	R 3/4" BSP
<b>Delay time</b>	~ 2 to 10 sec

### Article No.

<b>1001052--</b>	for 1/2" to 3" Pumps
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For further details please contact  
our **Internal Sales Group:**

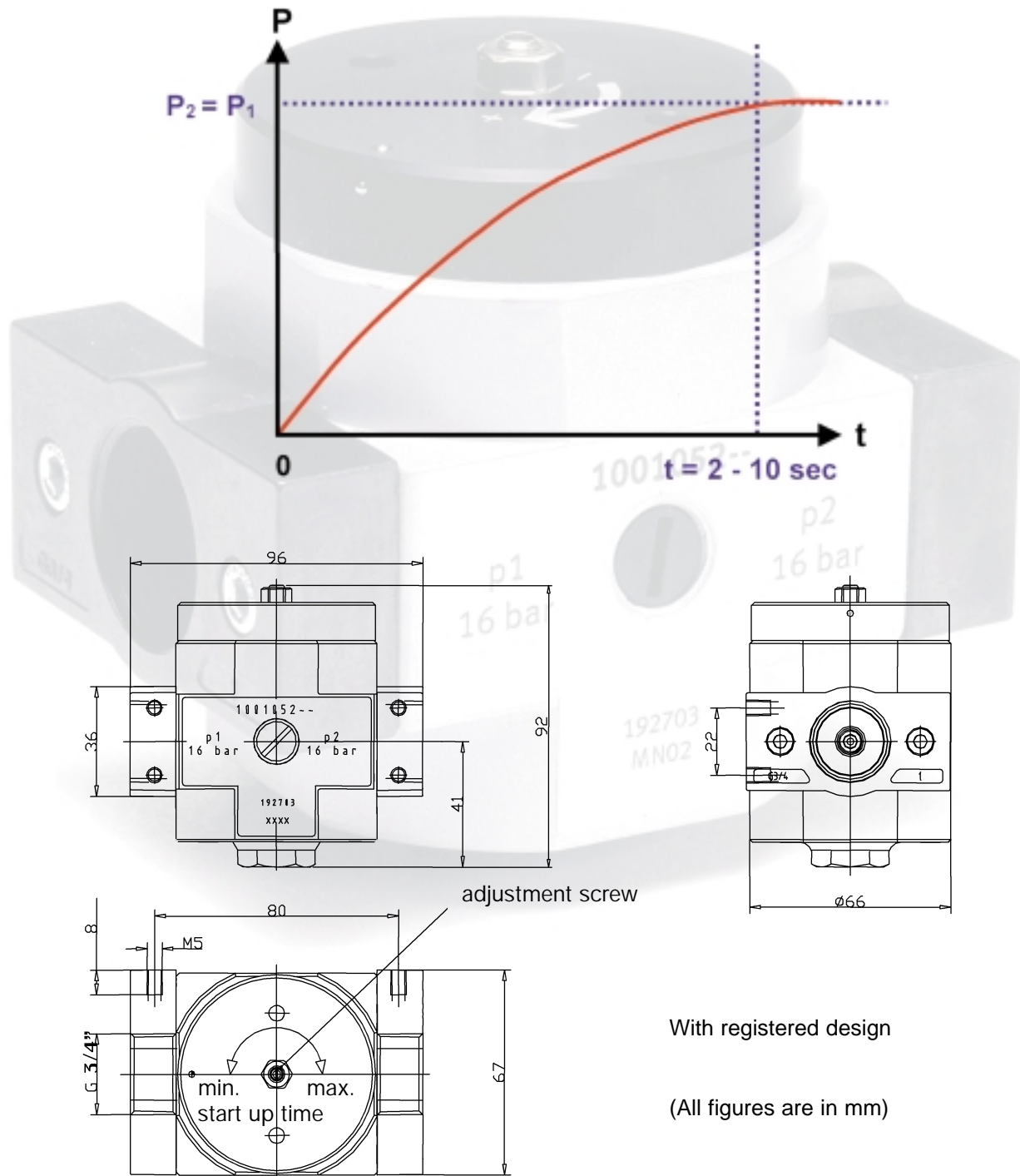
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**CRANE**<sup>®</sup>

# Slow Start-up Valve

This DEPA Accessory offers low wear for all Air Operated Diaphragm Pumps



With registered design

(All figures are in mm)

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We reserve the right for any technical changes

**CRANE**