

## WALTHER Double Diaphragm Pump Series

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### Changes to materials and sizes

- Polypropylene (PP) is being replaced by Polyphenylensulfid (PPS).
- Conductive polypropylene (PPc) is being replaced by Acetal (Ac).
- MBP 1821 – the new 1" version is now available!

#### MBP 2812

Like the MBP 5212 but with a shorter stroke – ensuring a longer service life for the diaphragms and less pulsation.

Housings, optional:

conductive: Acetal  
aluminium  
stainless steel

Diaphragms: PTFE  
Seat: stainless steel  
Ball: stainless steel

Max. working pressure: 8 bar  
Max. air supply pressure: 8 bar  
Max. delivery rate: 28 l/min.  
Max. suction height (dry): 4.9 m  
Max. solid size: 2 mm  
Material inlet: 1/2" BSP  
Material outlet: 1/2" BSP  
Air inlet: 1/4" BSP

#### MBP 5212

Housings, optional:

non-conductive: PPS  
conductive: Acetal (Ac)  
aluminium  
stainless steel

Diaphragms: PTFE  
Seat: stainless steel  
Ball: stainless steel

Max. working pressure: 8 bar  
Max. air supply pressure: 8 bar  
Max. delivery rate: 52 l/min.  
Max. suction height (dry): 4.9 m  
Max. solid size: 2 mm  
Material inlet: 1/2" BSP  
Material outlet: 1/2" BSP  
Air inlet: 1/4" BSP



### MBP 8034

Housings, optional:  
non-conductive:  
conductive:

Ryton (PPs)  
Acetal (Ac)  
aluminium  
stainless steel

Diaphragms:  
Seat:  
Ball:

PTFE  
stainless steel  
stainless steel

Max. working pressure:  
Max. air supply pressure:  
Max. delivery rate:

8 bar  
8 bar  
76 l/min. plastic  
80 l/min. metal

Max. suction height (dry):  
Max. solid size:  
Material inlet:  
Material outlet:  
Air inlet:

4.9 m  
3 mm  
3/4" BSP  
3/4" BSP  
1/4" BSP



### MBP 1821

Housings, optional:  
conductive:

aluminium  
stainless steel

Diaphragms:  
Seat:  
Ball:

PTFE  
stainless steel  
stainless steel

Max. working pressure:  
Max. air supply pressure:  
Max. delivery rate:  
Max. suction height (dry):  
Max. solid size:  
Material inlet:  
Material outlet:  
Air inlet:

8 bar  
8 bar  
182 l/min.  
6.3 m  
3.5 mm  
1" BSP  
1" BSP  
1/2" BSP

