

# PENTAIR SÜDMO DSV COMPLETE

## DOUBLE SEAT VALVES - DOPPELSITZVENTILE

### TECHNICAL SPECIFICATION

#### MATERIAL

##### Product wetted area

1.4404 (AISI 316L)

##### Area not product wetted

1.4301 (AISI 304) / 1.4307 (AISI 304L)

##### Optional

Higher quality materials

##### Seals

EPDM / HNBR / FKM

#### LICENCES / CERTIFICATES

3A Standard 85-03

PMO (Type 365it)

CRN

FDA

#### OPERATING TEMPERATURES

##### for EPDM seals

130° C (266° F) continuous

150° C (300° F) short-term (ca. 20 min.)  
(steam sterilization)

#### PRESSURES

##### Control air pressure

Standard 6 bar (87 psi) – 8 bar (116 psi)

##### Operating pressure

Standard 10 bar (145 psi)

lower operating pressures apply to the following models:

D640 / D650 / D660: 5 bar (72.5 psi)

#### SURFACES

##### Product wetted

Ra ≤ 0.8 µm

##### Not product wetted

Ra ≤ 1.6 µm

##### Optional

Higher quality surfaces;  
e-polished

#### CONNECTIONS

##### Pipe dimensions in accordance with

- DIN 11850 Reihe 2 (DIN 11866 Reihe A)

- ASTM A270 (ASME BPE-2009 / DIN 11866 Reihe C)

MODELS	D600	D610	D620	D630	D620-S-SP	D620-U	D640	D650	D660	D365it PMO
Switching with minimal product loss (low-leakage)	•	•							•	
Switching with no product loss (leak-free)			•	•	•	•	•	•		•
Leakage chamber cleaned during cleaning by lifting stroke function	•		•		•	•	•	•		•
Lower shaft cleaned during cleaning by lifting stroke function										•
Leakage chamber cleaned via external rinsing port		•		•	•					
Sterile chambers (sterilizable + rinsable) in upper and lower shaft section					•					
Axial-conical sealing O-Rings in upper and lower valve disc	•	•							•	
Axial-conical sealing O-Rings in upper valve disc and radial sealing RSC seal in lower valve disc			•	•	•	• (2x)	•	•		•
Single-piece housing	•	•	•	•	•		•	•	•	•