

SANITAIRY AIRLOCK - SAL

Technical data standard configuration

DMN
WESTINGHOUSE

GENERAL DATA

FLANGE CONNECTION					
Size 50-65-80-100	Sanitary Quick Clamps (SMS 3008)				
Size 150	Flange PN 6				
MAXIMUM ALLOWABLE WORKING PRESSURE	up to 1 barg				
ALLOWABLE CONVEYING PRODUCT TEMPERATURE	up to 100°C				
ATEX 2014/34/EU	1D/2GD Equipment (If required please specify on order)				
SIZE SAL	50	65	80	100	150
CAPACITY LTR./REV.	0.07	0.13	0.25	0.8	2.5

* Capacity per revolution at 100% filling.

Air purge connection in end covers

SIZE SAL	50-65	80-100	150
AIR PURGE CONNECTION	M5	1/8"	1/4"

MATERIAL SPECIFICATIONS

HOUSING/END COVERS	Stainless steel 316L	DIN 1.4404
ROTOR	Stainless steel 316L	DIN 1.4404
Size 50-65-80-100	6 rounded pocket form / end - disc	
Size 150	8 rounded pocket form fabricated	
SHAFT SEAL	Gland packing by means of PTFE lip seals Air purge by means of PTFE lip sea	
BEARING	Inboard ball bearing sealed for life	
INTERIOR / EXTERIOR FINISH	Polished 0.8 µm (P150 grit)	

DRIVE SPECIFICATIONS

* Minimum advised Torque [Nm] required.

	Bonfiglioli	SEW	STM	MIN. Torque
SAL 50			RMI 28 P Ø 14mm	10 Nm
SAL 65				
SAL 80	MVF 44 P Ø 18mm	WA 20 Ø 18mm		30 Nm
SAL 100	MVF 49 P Ø 25mm	WA 30 Ø 20mm		45 Nm
SAL 150	W 75 P Ø 30mm	FAF37 -SAF47 Ø30mm		145 Nm

