

## Vertical Steam Separators - S16/S BSP

S-16 series centrifugal separators remove moisture from steam and compressed air pipelines. Steam and compressed air passing through the separator and as a result of centrifugal forces, impact and swirling effects, separate the particles with a heavier specific gravity, such as water and oil droplets, moisture in suspension, dirt and scale. The condensate collected at the bottom of the separator, must be automatically drained by a suitable steam or compressed air trap. Connections are female screwed.



SPECIAL EQUIPMENT

Article no. BSP	Size	Price
348535	1/2"	£330.20
348536	3/4"	£348.60
348537	1"	£385.30
348538	1 1/4"	£579.90
348539	1 1/2"	£601.50
348540	2"	£784.40

### Materials

Body	EN10216-2 / P235GH / 1.0325
Heads	EN10028-2 / P265GH / 1.0425
Inlet / Outlet pipes	EN10216-2 / P235GH / 1.0325
Sockets Inlet / Outlet	ASTM A105 / 1.0432
Sockets	ASTM A105 / 1.0432
Internals	EN10025-2 / S235JR / 1.0038

EN10204 3.1B certificate available if requested with the order.

### Limiting Conditions\*\*

Rating	Pressure	Temperature
DIN PN16	16 bar	50°C
	14 bar	100°C
	13* bar	195°C
	12 bar	250°C

## Vertical Steam Separators - S25/S PN16

S-25 series centrifugal separators remove moisture from steam and compressed air pipelines. Steam and compressed air passing through the separator and as a result of centrifugal forces, impact and swirling effects, separate the particles with a heavier specific gravity, such as water and oil droplets, moisture in suspension, dirt and scale. The condensate collected at the bottom of the separator, must be automatically drained by a suitable steam or compressed air trap. Connections are flanged.



Article no. PN16	Size	Price
348547	DN15	£492.00
348548	DN20	£507.30
348549	DN25	£519.40
348550	DN32	£634.70
348551	DN40	£657.80
348552	DN50	£854.10
348553	DN65	£1,099.50
348554	DN80	£1,285.50
348555	DN100	£1,932.30
348556	DN125	£3,686.30
348557	DN150	£4,464.40
443522	DN200	£8,457.50
348559	DN250*	£14,095.30
348560	DN300*	£22,610.60

Higher pressure ratings available on request

### Materials

Body	EN10216-2/P235GH/1.0325
Heads	EN10028-2/P265GH/1.0425
Inlet / Outlet pipes	EN10216-2/P235GH/1.0325
DIN flanges	EN10222-2/P250GH/1.0460
ANSI flanges	ASTM A105/1.0432
Sockets	ASTM A105/1.0432
Internals	EN10025-2/S235JR/1.0038

EN10204 3.1 certificate available if requested with the order.

Zinc Plated on Request \*Not CE Marked - DN250 / 300

### Limiting Conditions\*\*

Rating	Pressure	Temp.	Rating	Pressure	Temp.	Rating	Pressure	Temp.	Rating	Pressure	Temp.
PN16	16 bar	50°C	ANSI 150	16 bar	50°C	PN25 ANSI 300	25 bar	50°C	PN40 ANSI 300	40 bar	50°C
	14 bar	100°C		14 bar	100°C		23 bar	100°C		37 bar	100°C
	13 bar*	195°C		13 bar*	195°C		20 bar*	216°C		31 bar*	239°C
	12 bar	250°C		-	-		17 bar	300°C		27 bar	300°C

\*PMO-Max.operating pressure for saturated steam. Minimum operating temp.: -10°C. Design code: AD-Merkblatt

\*\*Rating according to EN1092:2007.