

deep-drawn CrNiMo-steel (316L),
corrosion-resistant, lightweight
and compact

long operational lifespan, man-
ageable installation, minimum
space required, low delta-
ferrite content possible

1

optimised flow geometry
up to 99% separating
performance

2

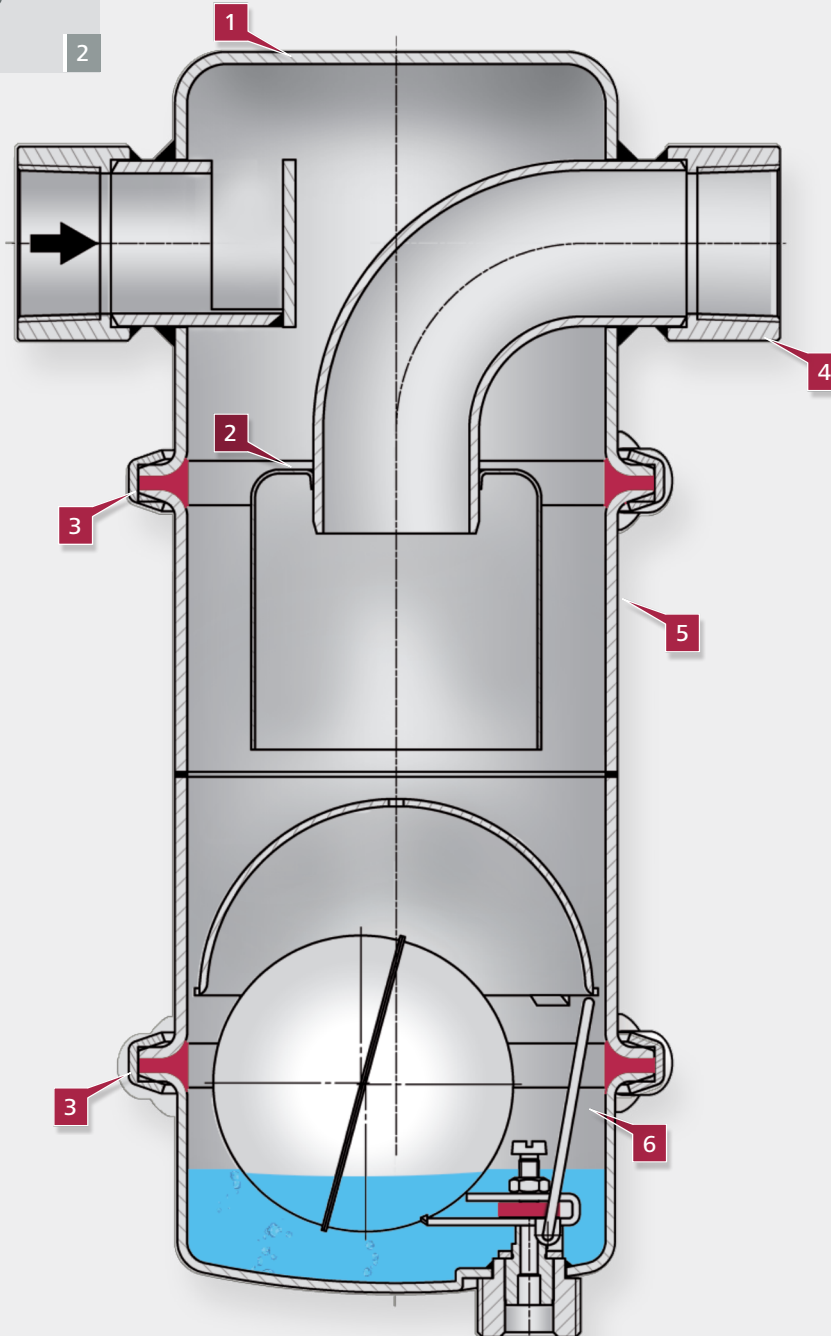
a wide variety of connection
types: DIN-, ANSI- or aseptic
flanges, weld-on ends ...

no adapters or fitting pieces
required

4

standard surface $\leq Ra\ 1.6\ \mu m$
easy-to-clean

5



Mankenberg clamp system
easy-to-maintain

3

Special Feature

integrated steam trap

6

Combined Valve with Integrated Liquid Separator

AS 2



Combined Valve with Integrated Liquid Separator

AS 2

spin separator of straight design | usable for liquids, gases, steam | completely made of deep-drawn CrNiMo-steel (316L) – surface finish of the body $Ra \leq 1.6 \mu m$ | easy-to-maintain owing to the clamp system | corrosion-resistant, very lightweight and compact | long operational lifespan, manageable installation – highest effectiveness with compact design

DN	25 + 40	PN	16
G	1 + 1½	Collection Efficiency	1,200 l/h
P	0 - 13 bar	Q	1,900 Nm³/h



Corrosion Resistance in Clean Steam Systems

Steam drying is an essential and important process stage in various industrial plants. The principle of steam drying is used amongst others for clean rooms, for example hygienisation in the food and medicinal production or in hospitals. Under this process, the components to be dried are exposed to steam which is generated from distilled water and must be as free as possible from condensate. Correspondingly, the processing chain in the steam drying procedure must provide for the discharge of the accruing liquid.

Using the centrifugal principle, the Mankenberg liquid separator AS 2 self-actively separates the condensate from the steam under operating pressure. A condensate separating performance of up to 99% can be achieved.

The liquid trap built into the separator body operates instantaneously and its operation is not impaired by backpressure or pressure fluctuations. The collected liquid is safely drained by the float control. No additional energy input is required. The interaction between high temperatures and the highly reactive pure water quickly leads to intergranular corrosion, which is also called intergranular attack. Therefore, low-carbon stainless steel was selected for the AS 2, which ensures a high corrosion resistance in the event that very aggressive media are separated. The steel processed in the deep-drawing technique makes the liquid separator very lightweight and compact.