Ball Valves and Throttle Valves



LÜDECKE ball and throttle valves are used as shut-off valves in pipe systems.

In ball valves, a ball serves as shut-off device in the fitting. It opens and closes the fitting with a 90-degree rotation. Due to the full passage only small losses of flow occur. Specific O-rings which are attached between the ball and the body provide sealing.

In throttle valves, a cone shaped throttle will be pressed against the body under pressure. In this way, the valve seals without any seal wear (almost no dead space in the passageway).
When turning off, pressure is reduced by ventilating the output side. This allows for safe disconnection.

Advantages:
- High-quality materials
- Robust, reliable, absolutely leakage-proof and durable
- Easy and fast handling
- Different sizes, version and connection types

Broad Range

At **LÜDECKE** you will get the necessary ball valves and throttle valves for various application areas.

	Ball Valves Sturdy-Version	Ball Valves Light-Version	Double Ball Valves and Airhammer Ball Valves	Throttle Valves Standard-Version	Throttle Valves US-Version
					
Materials					
Body:	Brass CW617N	Forged brass nickel-pl.	Brass CW617N	Malleable iron zinc-plated + yellow pass.	Malleable iron zinc-plated + yellow pass.
Sockets:	Brass CW617N	Forged brass nickel-pl.	Brass CW617N	-	-
Spindle and nut:	Brass MS 58 nickel-pl.	Brass MS 58 nickel-pl.	Brass MS 58 plain	-	-
Ball:	Brass MS 58 chromed	Brass MS 58 chromed	Brass MS 58 chromed	-	-
Seals:	PTFE*/FKM**	PTFE*/FKM**	PTFE glass fiber reinf.*/ NBR**	NBR/ Brass	NBR
Handle:	Die-cast aluminium red/ black lacquered	Steel zinc-plated and coated with red PVC	Steel red lacquered	Malleable iron zinc-plated + yellow pass.	Malleable iron zinc-plated + yellow pass.
Max. Working Pressure:	PN 35 bar	see diagram	PN 35 bar	PN 10 bar	PN 10 bar
Temperature:	-15°C – + 100°C	-15°C – + 120°C	-15°C – + 100°C	-15°C – + 80°C	-15°C – + 80°C
Thread:	DIN EN 10226	ISO 228	ISO 228	ISO 228	NPT, ANSI / ASME B1.20.1
Page:	256	256	257	258	259

*ball seals /**spindle seals