

| NO. | Category | Structure / Size | FIG. | FIG. Details | | Note | | |
|-----|------------|--|-----------------|---|----------|----------|--|--|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others | |
| 1 | Ball valve | Floating ball Soft seal DN15-DN200 | xxx · 751 - VSG | 153. 751-VSG | 1. 4408 | PN16 | Stuffing box type: Nut General type From the bottom up: V – PTFE + Spring + Graphite | |
| | | | | 155. 751-VSG | 1. 4408 | PN40 | | |
| | | | | 133. 751-VSG | 1. 0619 | PN16 | | |
| | | | | 135. 751-VSG | 1. 0619 | PN40 | | |
| | | | xxx · 751 - VGS | 153. 751-VGS | 1. 4408 | PN16 | | Stuffing box type: Gland General type From the bottom up: V – PTFE + Graphite + Spring |
| | | | | 155. 751-VGS | 1. 4408 | PN40 | | |
| | | | | 133. 751-VGS | 1. 0619 | PN16 | | |
| | | | | 135. 751-VGS | 1. 0619 | PN40 | | |
| | | | xxx · 751- WRG | 153. 751-WRG | 1. 4408 | PN16 | | Stuffing box type: WRG From the bottom up: Wedge Ring (PTFE) + Graphite |
| | | | | 155. 751-WRG | 1. 4408 | PN40 | | |
| | | | | 133. 751-WRG | 1. 0619 | PN16 | | |
| | | | | 135. 751-WRG | 1. 0619 | PN40 | | |
| | | Trunnion ball Soft seal DN150-300 | xxx · 752 | 153. 752 | 1. 4408 | PN16 | Stuffing box type: Gland general type From the bottom up: V – PTFE + Graphite + Spring | |
| | | | | 155. 752 | 1. 4408 | PN40 | | |
| | | | | 133. 752 | 1. 0619 | PN16 | | |
| | | | | 135. 752 | 1. 0619 | PN40 | | |
| | | Unilateral disc spring Floating ball Soft seal DN15-DN200 | xxx · 754 | 153. 754 | 1. 4408 | PN16 | Stuffing box type: Gland general type From the bottom up: V – PTFE + Graphite + Spring | |
| | | | | 155. 754 | 1. 4408 | PN40 | | |
| | | | | 133. 754 | 1. 0619 | PN16 | | |
| | | | | 135. 754 | 1. 0619 | PN40 | | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | | Note | | |
|-----|--------------------|--|----------------|---|----------|----------|--|--|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others | |
| 1 | Ball valve | Unilateral disc spring Floating ball Soft seal DN15-DN200 | ××× · 754- WRG | 153. 754-WRG | 1. 4408 | PN16 | Stuffing box type: Gland WRG From the bottom up: Wedge Ring (PTFE) + Graphite | |
| | | | | 155. 754-WRG | 1. 4408 | PN40 | | |
| | | | | 133. 754-WRG | 1. 0619 | PN16 | | |
| | | | | 135. 754-WRG | 1. 0619 | PN40 | | |
| | | Floating ball Metal seat DN15-DN200 | ××× · 755 | 153. 755 | 1. 4408 | PN16 | | Stuffing box type: Gland general type From the bottom up: V - PTFE + graphite + Spring |
| | | | | 155. 755 | 1. 4408 | PN40 | | |
| | | | | 133. 755 | 1. 0619 | PN16 | | |
| | | | | 135. 755 | 1. 0619 | PN40 | | |
| | Compact ball valve | Floating ball Soft seal DN15-DN100 | × × × · 770 | 153. 770 | 1. 4408 | PN16 | Stuffing box type: Gland general type From the bottom up: V - PTFE + Graphite + Spring | |
| | | | | 155. 770 | 1. 4408 | PN40 | | |
| | | | | 133. 770 | 1. 0619 | PN16 | | |
| | | | | 135. 770 | 1. 0619 | PN40 | | |
| | Sampling valve | Floating ball Soft seal DN15-DN100 PN16/40 | × × × · 811 | 153. 811 | 1. 4408 | PN16 | Stuffing box type: Nut general type From the bottom up: V - PTFE + Spring + Graphite | |
| | | | | 155. 811 | 1. 4408 | PN40 | | |
| | | | | 133. 811 | 1. 0619 | PN16 | | |
| | | | | 135. 811 | 1. 0619 | PN40 | | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | |
|-----|-------------------|---|-------------|---|----------|----------|-------------------------------------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others |
| 2 | Casted gate valve | Gate valve F4 DN50-DN300 | × × × • 052 | 152. 052 | 1. 4408 | PN10 | PN16 DN50-DN150 PN10 DN200-DN300 |
| | | | | 153. 052 | 1. 4408 | PN16 | |
| | | | | 132. 052 | 1. 0619 | PN10 | |
| | | | | 133. 052 | 1. 0619 | PN16 | |
| | | | × × × • 053 | 112. 053 | GG25 | PN10 | PN16 DN50-DN150 PN10 DN200-DN300 |
| | | | | 113. 053 | GG25 | PN16 | |
| | | | | 122. 053 | GGG40. 3 | PN10 | |
| | | | | 123. 053 | GGG40. 3 | PN16 | |
| | | Gate valve F5-F7 DN50-DN1200 PN16/PN25/PN40 | × × × • 031 | 133. 031 | 1. 0619 | PN16 | with ISO flange |
| | | | | 134. 031 | 1. 0619 | PN25 | |
| | | | | 135. 031 | 1. 0619 | PN40 | |
| | | | | 153. 031 | 1. 4408 | PN16 | |
| | | | | 154. 031 | 1. 4408 | PN25 | |
| | | | | 155. 031 | 1. 4408 | PN40 | |
| | | | × × × • 032 | 133. 032 | 1. 0619 | PN16 | |
| | | | | 134. 032 | 1. 0619 | PN25 | |
| | | | | 135. 032 | 1. 0619 | PN40 | |
| | | | | 153. 032 | 1. 4408 | PN16 | |
| | | | | 154. 032 | 1. 4408 | PN25 | |
| | | | | 155. 032 | 1. 4408 | PN40 | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | |
|-----------------|---|--|---------------|---|--------------|----------------|--------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others |
| 2 | Casted gate valve | Gate valve F5-F7 DN50-DN300 PN63/PN100 | × × × • 036 | 136. 036 | 1. 0619 | PN63 | |
| | | | | 156. 036 | 1. 4408 | PN63 | |
| | | | × × × • 037 | 137. 037 | 1. 0619 | PN100 | |
| | | | | 157. 037 | 1. 4408 | PN100 | |
| | Forged gate valve | Flange end DN15-DN50 PN10/PN16/PN25/PN40 | × × × • 033 | 142. 033 | C22. 8 | PN10 | |
| | | | | 143. 033 | C22. 8 | PN16 | |
| | | | | 144. 033 | C22. 8 | PN25 | |
| | | | | 145. 033 | C22. 8 | PN40 | |
| | | | | 222. 033 | 1. 4301 | PN10 | |
| | | | | 223. 033 | 1. 4301 | PN16 | |
| | | | | 224. 033 | 1. 4301 | PN25 | |
| | | | | 225. 033 | 1. 4301 | PN40 | |
| | Welding end Threaded end DN15-DN50 PN100 | × × × • 034 - BW | 147. 034 - BW | C22. 8 | PN100 | Butt welding | |
| | | | 197. 034 - BW | F11 | PN100 | | |
| | | × × × • 034 - SW | 147. 034 - SW | C22. 8 | PN100 | Socket welding | |
| | | | 197. 034 - SW | F11 | PN100 | | |
| × × × • 034 - T | | 147. 034 - T | C22. 8 | PN100 | Threaded end | | |
| | | 197. 034 - T | F11 | PN100 | | | |
| | | | | | | | |
| | | | | | | | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | |
|----------|---------------------------|--|-------------|---|----------|----------|--------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others |
| 3 | Globe valve | DN15–DN300 PN16 PN40 | × × × • 121 | 133. 121 | 1. 0619 | PN16 | |
| | | | | 135. 121 | 1. 0619 | PN40 | |
| | | | | 153. 121 | 1. 4408 | PN16 | |
| | | | | 155. 121 | 1. 4408 | PN40 | |
| | | DN15–DN300 PN16 | × × × • 101 | 113. 101 | GG25 | PN16 | |
| | | | | 123. 101 | GGG40. 3 | PN16 | |
| | Angle type globe valve | DN15–DN300 PN10/PN16/PN25/PN40 | × × × • 125 | 132. 125 | 1. 0619 | PN10 | |
| | | | | 133. 125 | 1. 0619 | PN16 | |
| | | | | 134. 125 | 1. 0619 | PN25 | |
| | | | | 135. 125 | 1. 0619 | PN40 | |
| | | | | 152. 125 | 1. 4408 | PN10 | |
| | | | | 153. 125 | 1. 4408 | PN16 | |
| | | | | 154. 125 | 1. 4408 | PN25 | |
| | | | | 155. 125 | 1. 4408 | PN40 | |
| | Forged globe valve | Flange end DN15–DN50 PN10/PN16/PN25/PN40 | × × × • 105 | 142. 105 | C22. 8 | PN10 | |
| | | | | 143. 105 | C22. 8 | PN16 | |
| | | | | 144. 105 | C22. 8 | PN25 | |
| | | | | 145. 105 | C22. 8 | PN40 | |
| 232. 105 | | | | 1. 4401 | PN10 | | |
| 233. 105 | | | | 1. 4401 | PN16 | | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | | |
|-----|--------------------------|---|----------------|---|---------------|----------|--------------|----------------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others | |
| 3 | Forged globe valve | Flange end DN15-DN50 | ××× • 105 | 234. 105 | 1. 4401 | PN25 | | |
| | | | | 235. 105 | 1. 4401 | PN40 | | |
| | | Welding end Threaded end DN15-DN50 PN100 | ××× • 106 - BW | 147. 106 - BW | C22. 8 | PN100 | Butt welding | |
| | | | | 237. 106 - BW | 1. 4401 | PN100 | | |
| | | | | ××× • 106 - SW | 147. 106 - SW | C22. 8 | PN100 | Socket welding |
| | | | | | 237. 106 - SW | 1. 4401 | PN100 | |
| | | | | ××× • 106 - T | 147. 106 - T | C22. 8 | PN100 | Threaded end |
| | | | | | 237. 106 - T | 1. 4401 | PN100 | |
| 4 | Bellows seal globe valve | Chemical type DN15-DN300 PN16 PN40 | ××× • 112 | 133. 112 | 1. 0619 | PN16 | Guided disc | |
| | | | | 135. 112 | 1. 0619 | PN40 | | |
| | | | | 153. 112 | 1. 4408 | PN16 | | |
| | | | | 155. 112 | 1. 4408 | PN40 | | |
| | | | ××× • 113 | 133. 113 | 1. 0619 | PN16 | | |
| | | | | 135. 113 | 1. 0619 | PN40 | | |
| | | | | 153. 113 | 1. 4408 | PN16 | | |
| | | | | 155. 113 | 1. 4408 | PN40 | | |
| | | Energy type DN15-DN300 | ××× • 114 | 133. 114 | 1. 0619 | PN16 | | |
| | | | | 135. 114 | 1. 0619 | PN40 | | |
| | | | | 153. 114 | 1. 4408 | PN16 | | |
| | | | | 155. 114 | 1. 4408 | PN40 | | |
| | | | ××× • 115 | 113. 115 | GG25 | PN16 | | |
| | | | | 123. 115 | GGG40. 3 | PN16 | | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | |
|-----|-------------------------------------|--|-------------|---|----------|----------|--------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others |
| 4 | Bellows seal angle type globe valve | Energy type DN15-DN300 | × × × • 116 | 132. 116 | 1. 0619 | PN10 | |
| | | | | 133. 116 | 1. 0619 | PN16 | |
| | | | | 134. 116 | 1. 0619 | PN25 | |
| | | | | 135. 116 | 1. 0619 | PN40 | |
| | | | | 152. 116 | 1. 4408 | PN10 | |
| | | | | 153. 116 | 1. 4408 | PN16 | |
| | | | | 154. 116 | 1. 4408 | PN25 | |
| | | | | 155. 116 | 1. 4408 | PN40 | |
| 5 | Lift check valve | DN15-DN200 PN16 PN40 | × × × • 282 | 133. 282 | 1. 0619 | PN16 | |
| | | | | 135. 282 | 1. 0619 | PN40 | |
| | | | | 153. 282 | 1. 4408 | PN16 | |
| | | | | 155. 282 | 1. 4408 | PN40 | |
| | Forged lift check valve | Flange DN15-DN50 PN10/PN16/PN25/PN40 | × × × • 441 | 142. 441 | C22. 8 | PN10 | |
| | | | | 143. 441 | C22. 8 | PN16 | |
| | | | | 144. 441 | C22. 8 | PN25 | |
| | | | | 145. 441 | C22. 8 | PN40 | |
| | | | | 232. 441 | 1. 4401 | PN10 | |
| | | | | 233. 441 | 1. 4401 | PN16 | |
| | | | | 234. 441 | 1. 4401 | PN25 | |
| | | | | 235. 441 | 1. 4401 | PN40 | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | | |
|---------|--------------------------|--|-----------------------------------|---|--------------|----------|----------------|----------------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others | |
| 5 | Forged lift check valve | Welding end Threaded end DN15-DN50 PN100 | × × × • 442 - BW | 147.442 - BW | C22.8 | PN100 | Butt welding | |
| | | | | 237.442 - BW | 1.4401 | PN100 | | |
| | | | × × × • 442 - SW | 147.442 - SW | C22.8 | PN100 | Socket welding | |
| | | | | 237.442 - SW | 1.4401 | PN100 | | |
| | | | × × × • 442 - T | 147.442 - T | C22.8 | PN100 | Threaded end | |
| | | | | 237.442 - T | 1.4401 | PN100 | | |
| 6 | Swing check valves | DN40-DN150 PN16/PN25/PN40 | × × × • 451 | 133.451 | 1.0619 | PN16 | | |
| | | | | 134.451 | 1.0619 | PN25 | | |
| | | | | 135.451 | 1.0619 | PN40 | | |
| | | | | 153.451 | 1.4408 | PN16 | | |
| | | | | 154.451 | 1.4408 | PN25 | | |
| | | | | 155.451 | 1.4408 | PN40 | | |
| | Forged swing check valve | Welding end Threaded end DN10-DN50 PN100 | × × × • 446 - BW | 147.446 - BW | C22.8 | PN100 | Butt welding | |
| | | | | × × × • 446 - SW | 147.446 - SW | C22.8 | PN100 | Socket welding |
| | | | | × × × • 446 - T | 147.446 - T | C22.8 | PN100 | Threaded end |
| | 7 | Strainer | DN15-DN250 PN10/PN16/PN25/PN40 | × × × • 350 | 132.350 | 1.0619 | PN10 | Flange end |
| | | | | | 133.350 | 1.0619 | PN16 | |
| | | | | | 134.350 | 1.0619 | PN25 | |
| 135.350 | | | | | 1.0619 | PN40 | | |
| 152.350 | | | | | 1.4408 | PN10 | | |
| 153.350 | | | | | 1.4408 | PN16 | | |
| 154.350 | | | | | 1.4408 | PN25 | | |
| 155.350 | | | | | 1.4408 | PN40 | | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | |
|-----|----------|-----------------------------------|------------------|---|----------|----------|----------------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others |
| 7 | Strainer | DN15-DN250 PN10/PN16/PN25/PN40 | × × × • 350 - BW | 132. 350 - BW | 1. 0619 | PN10 | Butt welding |
| | | | | 133. 350 - BW | 1. 0619 | PN16 | |
| | | | | 134. 350 - BW | 1. 0619 | PN25 | |
| | | | | 135. 350 - BW | 1. 0619 | PN40 | |
| | | | | 152. 350 - BW | 1. 4408 | PN10 | |
| | | | | 153. 350 - BW | 1. 4408 | PN16 | |
| | | | | 154. 350 - BW | 1. 4408 | PN25 | |
| | | | | 155. 350 - BW | 1. 4408 | PN40 | |
| | | | × × × • 350 - SW | 132. 350 - SW | 1. 0619 | PN10 | Socket welding |
| | | | | 133. 350 - SW | 1. 0619 | PN16 | |
| | | | | 134. 350 - SW | 1. 0619 | PN25 | |
| | | | | 135. 350 - SW | 1. 0619 | PN40 | |
| | | | | 152. 350 - SW | 1. 4408 | PN10 | |
| | | | | 153. 350 - SW | 1. 4408 | PN16 | |
| | | | | 154. 350 - SW | 1. 4408 | PN25 | |
| | | | | 155. 350 - SW | 1. 4408 | PN40 | |
| | | | × × × • 350 - T | 132. 350 - T | 1. 0619 | PN10 | Threaded end |
| | | | | 133. 350 - T | 1. 0619 | PN16 | |
| | | | | 134. 350 - T | 1. 0619 | PN25 | |
| | | | | 135. 350 - T | 1. 0619 | PN40 | |
| | | | | 152. 350 - T | 1. 4408 | PN10 | |
| | | | | 153. 350 - T | 1. 4408 | PN16 | |
| | | | | 154. 350 - T | 1. 4408 | PN25 | |
| | | | | 155. 350 - T | 1. 4408 | PN40 | |

| NO. | Category | Structure / Size | FIG. | FIG. Details | Note | | |
|-----|-------------|------------------|-------------|---|----------|----------|--------|
| | | | | Classification depending on materials and pressure levels | Material | Pressure | Others |
| 8 | Sight-glass | DN15-DN200 | × × × • 500 | 133. 500 | 1. 0619 | PN16 | |
| | | | | 135. 500 | 1. 0619 | PN40 | |
| | | | | 153. 500 | 1. 4408 | PN16 | |
| | | | | 155. 500 | 1. 4408 | PN40 | |
| | | | | | | | |