

|                       |                                        |                               |                                    |                                                      |
|-----------------------|----------------------------------------|-------------------------------|------------------------------------|------------------------------------------------------|
| <b>49</b><br>catalogs | <b>67.375</b><br>catalog parts (sizes) | <b>3.244</b><br>part families | <b>21.807</b><br>parts with weight | <b>€9,990</b><br>complete package instead of €20,477 |
|-----------------------|----------------------------------------|-------------------------------|------------------------------------|------------------------------------------------------|

Single catalog by part families: **S** up to 50 families €350 • **M** 51–150 families €550 • **L** 151–300 families €850 • Book bundles: Python Scripting €179 • Screw fittings €149 • Cable trays €149 • Prices net, plus VAT • Download access for 1 year – download new versions during the term, keep using them indefinitely afterwards

| No.                                                                       | Catalog / content                                                                                                                                                                                                                                                                                           | Pressure ratings                                          | Nominal sizes | Families | Parts  | Price     |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------|----------|--------|-----------|
| <b>Steel – pipes &amp; fittings • 2 catalogs • 17,487 parts</b>           |                                                                                                                                                                                                                                                                                                             |                                                           |               |          |        |           |
| STA-01                                                                    | <b>Steel pipes &amp; fittings</b><br>Pipes DIN EN 10216-2/10217-2, fittings DIN EN 10253-2/-3 in wall thickness series 1–8 and by PN (up to PN100), saddle nozzles welded/threaded, flanges DIN EN 1092-1, gaskets, bolt sets – P235GH                                                                      | PN 10, PN 16, PN 25, PN 40, PN 63, PN 100, PN 160, PN 250 | DN 6 – 2400   | 275      | 13,925 | 850 € (L) |
| STA-02                                                                    | <b>Steel pipes &amp; fittings DIN/ASME</b><br>Steel piping components to DIN EN with ASME flanges (Class 150), spectacle blinds, order texts to DIN 21057                                                                                                                                                   | PN 10, Class 150                                          | DN 6 – 2400   | 62       | 3,562  | 550 € (M) |
| <b>Stainless steel – pipes &amp; fittings • 4 catalogs • 15,522 parts</b> |                                                                                                                                                                                                                                                                                                             |                                                           |               |          |        |           |
| EDS-01                                                                    | <b>Stainless steel pipes &amp; fittings</b><br>Pipes DIN EN 10216-7/10217-7, fittings DIN EN 10253-4, flanges DIN EN 1092-1 (weld neck, lap joint, plate), gaskets – standard material 1.4541, changeable per piping spec                                                                                   | PN 2.5, PN 6, PN 10, PN 16, PN 25, PN 40, PN 63, PN 100   | DN 6 – 4000   | 142      | 4,970  | 550 € (M) |
| EDS-02                                                                    | <b>Stainless steel pipes &amp; fittings DIN/ASME</b><br>Stainless steel to DIN EN plus ASME flanges (Class 150), spectacle blinds, nozzles; order texts to DIN 21057                                                                                                                                        | PN 6, PN 10, PN 16, PN 40, Class 150                      | DN 6 – 3000   | 210      | 9,837  | 850 € (L) |
| EDS-03                                                                    | <b>Aseptic components</b><br>Aseptic connections DIN EN 11864, fittings, flanges, PTFE/FEP gaskets – incl. Hastelloy C22 (2.4602), PN10                                                                                                                                                                     | PN 10                                                     | DN 10 – 100   | 23       | 269    | 350 € (S) |
| EDS-04                                                                    | <b>Geberit Mapress stainless steel (press fitting)</b><br>Stainless steel press fitting system: pipes, elbows and fitting bends 15–90°, elbows with insert end, tees, couplings, adapters, pipe nipples, flanges with gasket and bolt set – PN16, incl. reference project with the pipe connection settings | PN 16                                                     | DN 10 – 100   | 40       | 446    | 350 € (S) |
| <b>Enamel / DIN 2873 • 2 catalogs • 2,280 parts</b>                       |                                                                                                                                                                                                                                                                                                             |                                                           |               |          |        |           |
| EMA-01                                                                    | <b>Enamel DIN 2873 – PN10</b><br>Enameled pipes, fittings, spacers and crosses DIN 2873, PN10                                                                                                                                                                                                               | PN 10                                                     | DN 6 – 2400   | 58       | 1,118  | 550 € (M) |
| EMA-02                                                                    | <b>Enamel DIN 2873 – PN16</b><br>Enameled pipes, fittings, spacers and crosses DIN 2873, PN16                                                                                                                                                                                                               | PN 16                                                     | DN 6 – 2400   | 62       | 1,162  | 550 € (M) |
| <b>Plastic – pipes &amp; fittings • 9 catalogs • 10,631 parts</b>         |                                                                                                                                                                                                                                                                                                             |                                                           |               |          |        |           |
| KST-01                                                                    | <b>PE polyethylene</b><br>PE pipes and fittings DIN 8074/8075, SDR 11/17, stub ends, backing flanges, bolt sets                                                                                                                                                                                             | PN 6, PN 10, PN 16                                        | DN 10 – 1400  | 261      | 3,246  | 850 € (L) |

| No.                                                                          | Catalog / content                                                                                                                                             | Pressure ratings              | Nominal sizes | Families | Parts | Price     |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|----------|-------|-----------|
| KST-02                                                                       | <b>PP polypropylene</b><br>PP pipes and fittings DIN 8077/8078, SDR 11/17, flanges, gaskets                                                                   | PN 6, PN 10, Class 150        | DN 6 – 800    | 116      | 1,550 | 550 € (M) |
| KST-03                                                                       | <b>PVC polyvinyl chloride</b><br>PVC/PP-H waste water and pressure piping systems with push-fit sockets and solvent-cement joints                             |                               | DN 32 – 800   | 33       | 219   | 350 € (S) |
| KST-04                                                                       | <b>PVDF polyvinylidene fluoride</b><br>PVDF pipes and fittings, stub ends, sockets – PN16                                                                     | PN 10, PN 16                  | DN 10 – 80    | 11       | 93    | 350 € (S) |
| KST-05                                                                       | <b>GRP / FRP</b><br>Glass-fiber-reinforced plastic pipes (UP-GF, with PVDF/chemical liner), fittings, flanges – PN10                                          | PN 10                         | DN 25 – 400   | 69       | 1,632 | 550 € (M) |
| KST-06                                                                       | <b>PP collection SDR 11/17/33</b><br>PP piping system in three SDR series, incl. flanges, gaskets, bolt sets                                                  | PN 6, PN 10, PN 16, Class 150 | DN 10 – 800   | 168      | 1,818 | 850 € (L) |
| KST-07                                                                       | <b>PVC-U collection</b><br>PVC-U pipes and fittings (cemented/push-fit), unions, adapters                                                                     | PN 10, PN 16                  | DN 4 – 250    | 79       | 829   | 550 € (M) |
| KST-08                                                                       | <b>Plastic valves</b><br>Ball valves, butterfly valves, diaphragm and check valves in PP, PVDF, PVC – with actuators                                          | PN 10                         | DN 10 – 400   | 37       | 283   | 350 € (S) |
| KST-09                                                                       | <b>Valves for PP/PE/PVDF piping specs</b><br>Valves for plastic piping specs incl. actuators, PN10–PN25                                                       | PN 10, PN 16, PN 25           | DN 6 – 600    | 131      | 961   | 550 € (M) |
| <b>Ventilation, exhaust &amp; modular systems • 4 catalogs • 3,346 parts</b> |                                                                                                                                                               |                               |               |          |       |           |
| LUF-01                                                                       | <b>Exhaust lines 316Ti</b><br>Exhaust pipes and fittings 1.4571, elbows, reducers, flanges, graphite gaskets – PN6/PN10                                       | PN 6, PN 10                   | DN 10 – 1200  | 48       | 517   | 350 € (S) |
| LUF-02                                                                       | <b>Ventilation DIN EN (stainless steel)</b><br>Stainless steel ventilation and exhaust air ducts, fittings, flanges, dampers – up to DN 3000                  | PN 6, PN 10, PN 16            | DN 10 – 3000  | 42       | 500   | 350 € (S) |
| LUF-03                                                                       | <b>Ventilation steel, flanged</b><br>Steel ventilation pipes, elbows, branches, Y-pieces, crossings – DN 63–2000                                              | PN 10                         | DN 63 – 2000  | 40       | 1,133 | 350 € (S) |
| LUF-04                                                                       | <b>Clamp ring modular system (S&amp;W)</b><br>Piping systems with clamp ring/clamp connections similar to DIN 24151/24154, clamps, branches, butterfly valves | PN 6, PN 10, PN 25, PN 40     | DN 6 – 3600   | 70       | 1,196 | 550 € (M) |
| <b>Valves (DIN EN) • 12 catalogs • 16,582 parts</b>                          |                                                                                                                                                               |                               |               |          |       |           |
| ARM-01                                                                       | <b>Valves &amp; Instruments PN6</b><br>Shut-off, control and check valves, spectacle blinds – face-to-face lengths DIN EN 558                                 | PN 6                          | DN 15 – 1000  | 20       | 426   | 350 € (S) |
| ARM-02                                                                       | <b>Valves &amp; Instruments PN10</b><br>Comprehensive PN10 valve catalog with actuators, spectacle blinds, flanges – DN 6–2400                                | PN 6, PN 10                   | DN 6 – 2400   | 184      | 2,982 | 850 € (L) |
| ARM-03                                                                       | <b>Valves &amp; Instruments PN16</b><br>Comprehensive PN16 valve catalog with actuators, spectacle blinds, flanges – DN 6–2000                                | PN 16                         | DN 6 – 2000   | 189      | 2,566 | 850 € (L) |
| ARM-04                                                                       | <b>Valves &amp; Instruments PN25</b><br>PN25 valves with actuators, flanges, gaskets – DN 10–1200                                                             | PN 25, PN 40                  | DN 10 – 1200  | 106      | 2,059 | 550 € (M) |
| ARM-05                                                                       | <b>Valves &amp; Instruments PN40</b><br>PN40 valves with actuators, flanges, blind flanges – DN 8–1200                                                        | PN 40                         | DN 8 – 1200   | 94       | 1,602 | 550 € (M) |
| ARM-06                                                                       | <b>Valves &amp; Instruments PN100</b><br>High-pressure valves PN100 (incl. EN ISO 17292, EN 13709) – DN 15–600                                                | PN 100                        | DN 15 – 600   | 46       | 673   | 350 € (S) |

| No.                                                                                    | Catalog / content                                                                                                                                              | Pressure ratings                   | Nominal sizes | Families | Parts | Price                       |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|----------|-------|-----------------------------|
| ARM-07                                                                                 | <b>Valves &amp; Instruments Class 150</b><br>Valves and spectacle blinds for ASME Class 150 – DN 15–1000                                                       | Class 150                          | DN 15 – 1000  | 12       | 184   | 350 € (S)                   |
| ARM-08                                                                                 | <b>ASEING Valves</b><br>Stainless steel butterfly valves, ball valves and valves with actuators (Class 150, PN6–PN16)                                          | PN 6, PN 10, PN 16, Class 150      | DN 10 – 600   | 65       | 1,145 | 550 € (M)                   |
| ARM-09                                                                                 | <b>Valve catalog DIN EN PN10–PN40 (German)</b><br>Valves to DIN EN 558 with various body types and actuators, German descriptions                              | PN 10, PN 16, PN 25, PN 40         | DN 15 – 1400  | 101      | 1,433 | 550 € (M)                   |
| ARM-10                                                                                 | <b>Valve catalog DIN EN PN10–PN40 (English)</b><br>Valves to DIN EN 558 with actuators, English descriptions – for international projects                      | PN 10, PN 16, PN 25, PN 40, PN 250 | DN 15 – 1400  | 88       | 1,307 | 550 € (M)                   |
| ARM-11                                                                                 | <b>Steel valves &amp; instruments</b><br>Steel valves PN10–PN40 with weights – gate valves, globe valves, butterfly valves, check valves, hydraulic gate valve | PN 10, PN 16, PN 25, PN 40         | DN 15 – 1400  | 48       | 1,135 | 350 € (S)                   |
| ARM-12                                                                                 | <b>Stainless steel valves PN10–PN40</b><br>Stainless steel valves (1.4408, 1.4404, 1.4571) with actuators – DN 8–300                                           | PN 10, PN 16, PN 25, PN 40         | DN 8 – 300    | 74       | 1,070 | 550 € (M)                   |
| <b>Manufacturer valves &amp; expansion joints (3D blocks) • 5 catalogs • 676 parts</b> |                                                                                                                                                                |                                    |               |          |       |                             |
| HER-01                                                                                 | <b>KSB BOA shut-off valves</b><br>KSB BOA-W, BOA-Compact, BOAX-SF as detailed 3D models – PN6–PN16                                                             | PN 6, PN 10, PN 16                 | DN 15 – 250   | 5        | 59    | 350 € (S)                   |
| HER-02                                                                                 | <b>Expansion joints &amp; vibration dampers</b><br>Witzenmann axial/lateral expansion joints, Elaflex ERV, Torgen vibration dampers – PN6–PN25                 | PN 6, PN 10, PN 16, PN 25          | DN 32 – 500   | 11       | 311   | 350 € (S)                   |
| HER-03                                                                                 | <b>GBee ball valves</b><br>Flanged ball valves as 3D models – PN16/PN40                                                                                        | PN 16, PN 40                       | DN 25 – 250   | 5        | 20    | 350 € (S)                   |
| HER-04                                                                                 | <b>Check valves Gestra/Noreva/Schroedahl</b><br>Check valves from three manufacturers as 3D models – PN10–PN40                                                 | PN 10, PN 16, PN 25, PN 40         | DN 15 – 500   | 20       | 148   | 350 € (S)                   |
| HER-05                                                                                 | <b>ARI valves &amp; butterfly valves</b><br>ARI valves and butterfly valves as 3D models – PN6–PN40                                                            | PN 6, PN 16, PN 25, PN 40          | DN 15 – 250   | 15       | 138   | 350 € (S)                   |
| <b>Instruments (I&amp;C) • 2 catalogs • 148 parts</b>                                  |                                                                                                                                                                |                                    |               |          |       |                             |
| INS-01                                                                                 | <b>Endress+Hauser instruments</b><br>Flow, level, pressure and temperature measurement with flanged and threaded connections                                   | PN 16, PN 25                       | DN 15 – 100   | 49       | 120   | 350 € (S)                   |
| INS-02                                                                                 | <b>WIKA instruments</b><br>Pressure gauges, thermometers, pressure transmitters with threaded connection                                                       |                                    | DN 8 – 20     | 15       | 28    | 350 € (S)                   |
| <b>Script-based catalogs – book bundle only • 9 catalogs • 703 parts</b>               |                                                                                                                                                                |                                    |               |          |       |                             |
| SKR-01                                                                                 | <b>Conexa compression fittings</b><br>Fittings DIN EN ISO 8434-1, stainless steel – with ready-made piping spec                                                |                                    | DN 6 – 48     | 10       | 78    | Screw fittings bundle: €149 |
| SKR-02                                                                                 | <b>Parker Ermeto EO fittings</b><br>Cutting ring fittings, galvanized steel / stainless steel – with ready-made piping spec                                    |                                    | DN 6 – 48     | 22       | 190   | Screw fittings bundle: €149 |
| SKR-03                                                                                 | <b>Swagelok compression fittings</b><br>Stainless steel compression fittings, metric – with ready-made piping spec                                             | PN 40                              | DN 6 – 50     | 6        | 49    | Screw fittings bundle: €149 |
| SKR-04                                                                                 | <b>GF malleable iron fittings</b><br>Georg Fischer malleable iron threaded fittings, galvanized – with ready-made piping spec                                  |                                    | DN 6 – 100    | 4        | 27    | Screw fittings bundle: €149 |

| No.    | Catalog / content                                                                                                         | Pressure ratings | Nominal sizes | Families | Parts | Price                         |
|--------|---------------------------------------------------------------------------------------------------------------------------|------------------|---------------|----------|-------|-------------------------------|
| SKR-05 | <b>Cable tray basic</b><br>Parametric cable trays: straight, bends, tees, crosses, reducers – with ready-made piping spec |                  | DN 30 – 200   | 27       | 43    | Cable tray bundle: €149       |
| SKR-06 | <b>Pflitsch KD cable tray</b><br>Pflitsch KD cable tray system – with ready-made piping spec                              |                  | DN 50 – 600   | 13       | 64    | Cable tray bundle: €149       |
| SKR-07 | <b>Pflitsch PIK cable tray</b><br>Pflitsch PIK cable tray system – with ready-made piping spec                            |                  | DN 15 – 200   | 16       | 88    | Cable tray bundle: €149       |
| SKR-08 | <b>Pipe clamps DIN 3015</b><br>Plastic pipe clamps DIN 3015 (PP/316Ti) as support catalog                                 |                  | DN 25 – 150   | 2        | 12    | Python Scripting bundle: €179 |
| SKR-09 | <b>sikla pipe supports</b><br>sikla supports and pipe clamps DIN 3567/3570 as support catalog (.acat)                     |                  | DN 15 – 300   | 20       | 152   | Python Scripting bundle: €179 |

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