P&ID symbols, ISO 10628-2

Symbols for equipment, valves, fittings and piping as drawn in ISO 10628-2:2012, with registration numbers. Redrawn by Deskely. Project legend sheets take precedence.

deskely

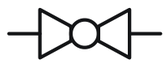
VALVES



Gate valve
X8074



Globe valve
X8068



Ball valve
X8071



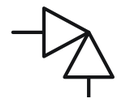
Check valve
X8077



Butterfly valve
X8075



Needle valve
X8076



Angle valve
2102



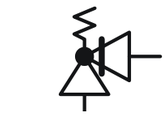
Three-way valve
2103

CONTROL AND ACTUATED VALVES

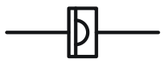


Control valve
X8087

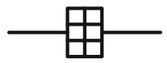
SAFETY DEVICES



Pressure safety valve
X2125



Rupture disc
X8080



Flame arrestor
2036

PUMPS AND COMPRESSORS



Centrifugal pump
2322



Positive displacement pump
X8094



Gear pump
8091



Screw pump
8092



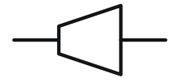
Centrifugal compressor
X8179



Reciprocating compressor
X8097



Fan or blower
X8164

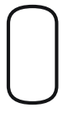


Turbine
2571

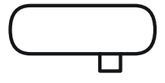


Agitator
2672

VESSELS AND TANKS



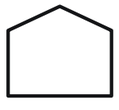
Vertical vessel
2062



Horizontal vessel
2062



Column
X8101



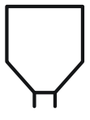
Cone roof tank
X2063



Sphere
X8010

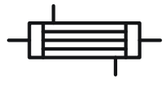


Open tank
2061



Silo or hopper
2064

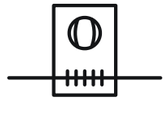
HEAT EXCHANGERS



Shell and tube heat exchanger
2511



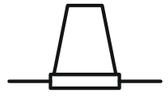
Plate heat exchanger
2516



Air cooler
X2505



Fired heater
2533



Cooling tower
2521



Kettle reboiler
X8131

FILTERS AND STRAINERS



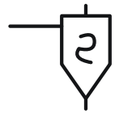
Filter
X8116



Y-strainer
X8090



Basket strainer
X8090



Cyclone
X2618

INSTRUMENTS

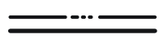


Orifice plate
C0096

LINE TYPES



Process line
405



Heat traced line
C0106

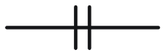


Jacketed line
X409

PIPING AND FITTINGS



Concentric reducer
516



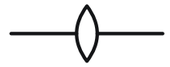
Flange
511



Blind flange
517



Spectacle blind
2044



Expansion joint
533



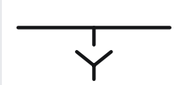
Flexible hose
X411



Steam trap
2181



Sight glass
2034



Drain
2040



Vent
2039