

## Hydraulic family names

Family Name	Description
FI	Filter
CYL	Cylinder
VAL	Valves (directional, throttle valve, pressure valve)
FC	Flow control valve
CK	Check valve
MAN	Manifolds
PS	Pressure switch
MOT	Motor
PMP	Pump
ACC, CMP	Accumulator, compensator
MTR	Meter
FS	Float switch
HE, HTR	Heat exchanger, heaters

A Piping and Instrumentation Diagram (P&ID) is a schematic illustration of functional relationship of piping, instrumentation and system equipment. P&ID shows all of piping including the physical sequence of branches, reducers, valves, equipment, instrumentation and control interlocks. The P&ID are used to operate the process system.

The P&ID symbol library consists of all the P&ID symbols and is found under C:\Program Files [(x86)]\Autodesk\Acade {version}\Libs\pid.

### **P&ID family names**

<b>Family Name</b>	<b>Description</b>
CT	Equipment: Cooling tower
TK	Equipment: Cyclone
E	Equipment: Engine, exchanger
C	Equipment: Turbine, compressors
F	Equipment: Fans
M	Equipment: Mixer, agitators
TK, V	Tanks and vessels
N	Nozzles
P	Pumps
FIT	Fittings
GVA	Valves
ACT	Actuators
LOG	Logic Functions
INS	Instrumentation
FLW, FE	Flow