

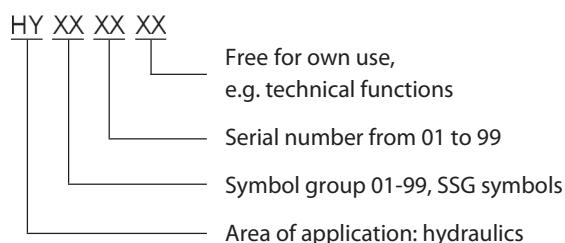
Fluid power symbols for hydraulic circuit diagrams

Introduction

Introduction

This document describes the symbols to be used on hydraulic circuit diagrams. The symbols are based on the current ISO standard, ISO 1219, with line thicknesses to ISO 128. Other instructions (for example, regarding drawing layers, line types, line widths, colours, text, forms, and so on), as well as symbol designations for use in CAD applications, are specified in SSG document SSG 4580, Computer aids for technical documentation (CAD). The symbols shown are based on a 2.0 mm snap. The symbols are reproduced to a scale of 1:1. The symbol designation is limited to eight characters.

The designation is made up as follows:



General notes on symbols

See SSG 5269 regarding symbols for simplified process flow charts.

See SSG 5270 regarding symbols for detailed process flow charts. See SSG 5271 regarding symbols for electrical, instrumentation, control system and interlock circuit diagrams.

1 Motors	2
2 Pumps	3
3 Cylinders	4
4 Accumulators	5
5 Filters	5
6 Coolers	6
7 Heaters	6
8 Measuring and supervisory equipment	7
9 Piping components	9
10 Reservoirs	10
11 Directional control valves, seat type	10
12 Directional control valves, spool type	14
13 Pressure control valves	20
14 Flow control valves	22
15 Cartridge valves	23
16 Other components	24