

S1

S1 系列开闭式液压快速接头

S1 Series Double Shut-off Hydraulic Quick Coupling



产品概述 / Product overview

S1 为碳钢开闭式液压快速接头系列，产品册列出从 1/4 英寸到 2 英寸的规格。两端阀芯在连接时自动开启、断开时闭合，适用于产品册列明的工业液压连接场景。

S1 is a steel double-shut-off hydraulic quick-coupling series with catalog sizes from 1/4 to 2 inches. The poppet valves open when coupled and close when disconnected for the industrial hydraulic applications listed in the catalog.

产品特点 / Product features

- 阀芯在接头断开时闭合，用于限制流体外泄。
- 连接后阀芯自动开启，在额定工作范围内保持流通。
- 球锁机构连接两半接头，母插座和公插头由实心棒料精密加工。
- 产品册声明该系列符合 ISO 7241-A。

The poppet valves close when disconnected to limit fluid loss.

The valves open automatically after coupling to maintain flow within the rated working range.

A ball-locking mechanism joins the two halves, with socket and plug machined from solid bar stock.

The catalog states conformity with ISO 7241-A.

规格、压力与流量 / Size, pressure and flow

规格 (英寸) Body size (in)	额定压力 (psi) Rated pressure (psi)	额定流量 (GPM) Rated flow (GPM)
1/4	5000	3
3/8	4000	6
1/2	4000	12
3/4	3000	28
1	3000	50
1-1/4	3000	88
1-1/2	2000	220
2	2000	240

工作条件 / Operating conditions

项目 Item	参数 Value
标准 Standard	ISO 7241-A
温度范围 Temperature range	-20~120°C
标准密封 Standard seal	NBR

应用场景 / Applications

产品册列出的应用包括建筑设备、林业设备、农业机械、液压机具、石油设备、钢铁设备及其他工业液压连接。

Catalog-listed applications include construction equipment, forestry equipment, agricultural machinery, hydraulic tools, oil equipment, steel-mill equipment and other industrial hydraulic connections.

选型提示 / Selection note

请在询价时提供型号、口径、接口、材质、介质、压力、温度、控制方式和数量；所有供货信息按单确认。

For RFQ, provide model, size, connection, material, media, pressure, temperature, control mode and quantity. Availability is confirmed per order.

资料来源 / Source: AEK 产品技术资料 / AEK technical source material · The source catalog is marked 2016–2017. All products are RFQ-only; current supply, configuration and lead time must be confirmed for each inquiry. · PDF pages 14