

中国第一重型机械集团公司标准

双线给油器 (10 MPa)

JB/ZQ 4089-97
代替 JB/ZQ 4089-85

本标准适用于双线式干油集中润滑系统中，定期向各润滑点输送润滑脂的定量调节的双线给油器（以下简称给油器）。给油器使用润滑脂的针入度不低于 265（25℃，150g）1/10 mm。

1 型式

给油器分单向出油和双向出油两种结构型式。

1.1 单向出油的给油器只有下给油孔，活塞正反向排油时都由下给油孔输送润滑脂。

1.2 双向出油的给油器有上下给油孔，活塞正反向排油时由上下给油孔交替输送润滑脂。

2 基本参数和外形尺寸

给油器的基本参数和外形尺寸应符合图 1 和表 1 的规定。

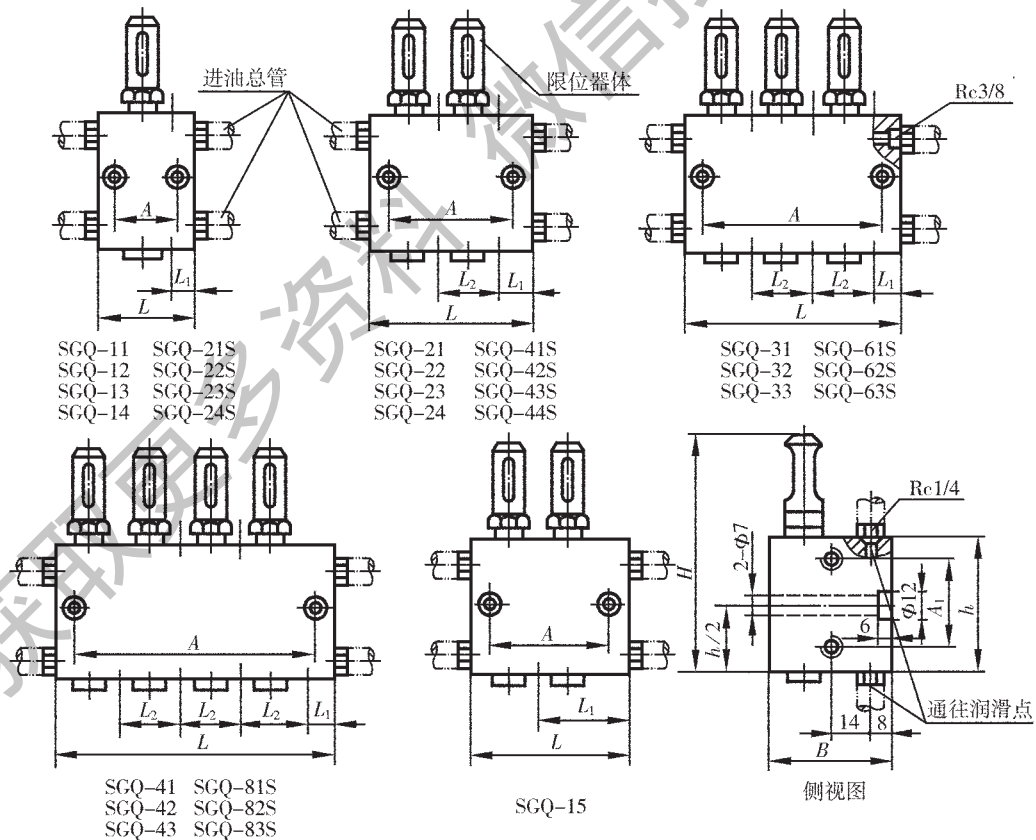


图 1

表 1

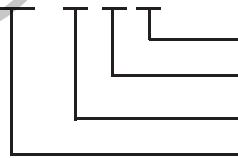
| 型 号 | 给油孔数 | 公称压力 MPa | 每孔每次给油量 ml | | | L | B | H | h | L ₁ | L ₂ | A | A ₁ | 重量 kg | | | | | | | | |
|---------|------|-------------|---------------|-----|-----|-----|-----|-----|----|----------------|----------------|-----|----------------|----------|----|-----|----|----|---|----|----|-----|
| | | | 系列 | 最小 | 最大 | | | | | | | | | | mm | | | | | | | |
| SGQ-11 | 1 | 10 | 1 | 0.1 | 0.5 | 54 | 44 | 85 | 56 | 20 | 23 | 40 | 34 | 1.0 | | | | | | | | |
| SGQ-21 | 2 | | | | | 77 | | | | | | 63 | | 1.3 | | | | | | | | |
| SGQ-31 | 3 | | | | | 100 | | | | | | 86 | | 1.8 | | | | | | | | |
| SGQ-41 | 4 | | | | | 123 | | | | | | 109 | | 2.3 | | | | | | | | |
| SGQ-21S | 2 | | | | | 54 | | | | | | 40 | | 1.0 | | | | | | | | |
| SGQ-41S | 4 | | | | | 77 | | | | | | 63 | | 1.3 | | | | | | | | |
| SGQ-61S | 6 | | | | | 100 | | | | | | 86 | | 1.7 | | | | | | | | |
| SGQ-81S | 8 | | | | | 123 | | | | | | 109 | | 2.3 | | | | | | | | |
| SGQ-12 | 1 | | 2 | 0.5 | 2.0 | 55 | 47 | 99 | 62 | 20 | 25 | 41 | 40 | 1.1 | | | | | | | | |
| SGQ-22 | 2 | | | | | 80 | | | | | | 66 | | 1.7 | | | | | | | | |
| SGQ-32 | 3 | | | | | 105 | | | | | | 91 | | 2.3 | | | | | | | | |
| SGQ-42 | 4 | | | | | 130 | | | | | | 116 | | 2.8 | | | | | | | | |
| SGQ-22S | 2 | | | | | 55 | | | | | | 41 | | 1.1 | | | | | | | | |
| SGQ-42S | 4 | | | | | 80 | | | | | | 66 | | 1.7 | | | | | | | | |
| SGQ-62S | 6 | | | | | 105 | | | | | | 91 | | 2.2 | | | | | | | | |
| SGQ-82S | 8 | | | | | 130 | | | | | | 116 | | 2.8 | | | | | | | | |
| SGQ-13 | 1 | | 3 | 1.5 | 5.0 | 55 | 53 | 105 | 65 | 20 | 25 | 41 | 40 | 1.4 | | | | | | | | |
| SGQ-23 | 2 | | | | | 80 | | | | | | 66 | | 2.0 | | | | | | | | |
| SGQ-33 | 3 | | | | | 105 | | | | | | 91 | | 2.7 | | | | | | | | |
| SGQ-43 | 4 | | | | | 130 | | | | | | 116 | | 3.4 | | | | | | | | |
| SGQ-23S | 2 | | | | | 55 | | | | | | 41 | | 1.4 | | | | | | | | |
| SGQ-43S | 4 | | | | | 80 | | | | | | 66 | | 2.0 | | | | | | | | |
| SGQ-63S | 6 | | | | | 105 | | | | | | 91 | | 2.7 | | | | | | | | |
| SGQ-83S | 8 | | | | | 130 | | | | | | 116 | | 3.3 | | | | | | | | |
| SGQ-14 | 1 | 4 | 3 | 10 | 58 | 57 | 123 | 77 | 20 | 30 | 44 | 52 | 1.8 | | | | | | | | | |
| SGQ-24 | 2 | | | | 88 | | | | | | 74 | | 2.9 | | | | | | | | | |
| SGQ-24S | 2 | | | | 58 | | | | | | 44 | | 1.8 | | | | | | | | | |
| SGQ-44S | 4 | | | | 88 | | | | | | 74 | | 2.9 | | | | | | | | | |
| SGQ-15 | 1 | | | | 5 | | | | | | 6 | | 20 | 88 | 57 | 123 | 77 | 50 | - | 74 | 52 | 2.9 |
| | | | | | | | | | | | | | | | | | | | | | | |

注：① 表中的给油量，是指活塞上下行程给油量之和的算术平均值。

② 全部▲。

3 给油器型号表示方法

SGQ - 8 2 S



- 表示双向出油，单向出油的无此标记
- 表示每孔每次给油量的系列号
- 表示给油孔数目
- 表示双线给油器

4 标记示例：

双向出油，6个给油孔，每孔每次最大给油量 2.0 ml 的双线给油器标记为：

SGQ-62S 给油器；备注栏注：JB/ZQ 4089-97

单向出油，1个给油孔，每孔每次最大给油量 0.5 ml 的双线给油器标记为：

SGQ-11 给油器；备注栏注：JB/ZQ 4089-97