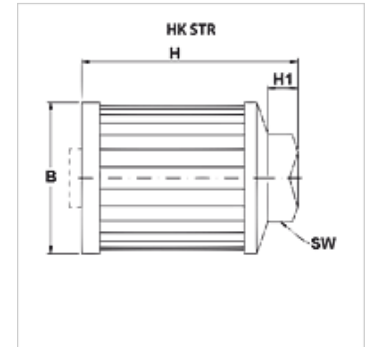


# HK STR

## Suction filter element

### Properties

**Design** without bypass valve  
M90: with wire mesh (90 µm), absolute filtration



### Description

These filters protect hydraulic pumps from coarse dirt from the tank. They are flush-mounted to the tank.  
Design (Qmax.) for medium ISO VG 46 <br>at 50°C (30 mm<sup>2</sup>/s) at Δp = 0.08 bar

### Ordering information

Available on request: Other filter mesh sizes, other threads, filter with bypass or magnet

### Item

| Identification     | Filter area (cm <sup>2</sup> ) | Thread   | H (mm) | H1 (mm) | Q max. (L/min) | B (mm) | AF (mm) | Weight (kg) |
|--------------------|--------------------------------|----------|--------|---------|----------------|--------|---------|-------------|
| HK STR 050 1 S M90 | 290                            | G 3/8"   | 78     | 10      | 20             | 52     | 30      | 0,16        |
| HK STR 050 2 S M90 | 290                            | G 1/2"   | 78     | 10      | 28             | 52     | 30      | 0,16        |
| HK STR 070 1 S M90 | 470                            | G 1/2"   | 95     | 10      | 28             | 70     | 42      | 0,22        |
| HK STR 070 2 S M90 | 470                            | G 3/4"   | 95     | 10      | 66             | 70     | 42      | 0,22        |
| HK STR 070 3 S M90 | 720                            | G 3/4"   | 140    | 10      | 66             | 70     | 42      | 0,30        |
| HK STR 070 4 S M90 | 720                            | G 1"     | 140    | 10      | 130            | 70     | 42      | 0,30        |
| HK STR 100 1 S M90 | 1046                           | G 1.1/4" | 135    | 15      | 170            | 99     | 69      | 0,47        |
| HK STR 100 2 S M90 | 1850                           | G 1.1/4" | 225    | 15      | 170            | 99     | 69      | 0,68        |
| HK STR 100 3 S M90 | 1850                           | G 1.1/2" | 225    | 15      | 250            | 99     | 69      | 0,68        |
| HK STR 100 4 S M90 | 1850                           | G 2"     | 225    | 15      | 470            | 99     | 69      | 0,68        |
| HK STR 100 5 S M90 | 1046                           | G 1.1/2" | 135    | 15      | 250            | 99     | 69      | 0,47        |
| HK STR 140 2 S M90 | 2000                           | G 2"     | 160    | 15      | 470            | 130    | 70      | 0,84        |
| HK STR 140 3 S M90 | 3550                           | G 2"     | 262    | 15      | 470            | 130    | 70      | 1,25        |
| HK STR 140 4 S M90 | 3550                           | G 2.1/2" | 270    | 20      | 840            | 130    | 101     | 1,25        |
| HK STR 140 5 S M90 | 3620                           | G 3"     | 270    | 20      | 980            | 130    | 101     | 1,25        |
| HK STR 140 6 S M90 | 4160                           | G 3"     | 330    | 20      | 980            | 130    | 101     | 1,30        |

Qmax - max intake volumetric flow