

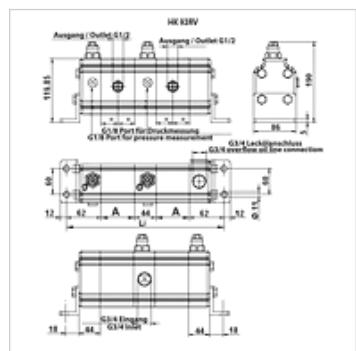
HK 92RV 04 BG2

Gear flow divider, size 2 92RV 4-way

HANSA FLEX

Properties

| | |
|-------------------------------|--|
| Design | with one phase compensation valve and anti-cavitation valve per section external leak oil discharge Adjustment range DBV: 70-210 bar |
| Rotational speed range | 1200 - 2500 U/min |
| Pressure difference | max. 30 bar (between the sections) |
| Recommended speed | 1800 - 2000 rpm |



Note

Before commissioning the system, the first running-in of the gear flow divider should be under no load.

Diagrams and circuit diagrams essentially valid as schematic diagrams also for 4-way flow dividers.

Description

This flow divider is used to supply four independent hydraulic circuits with just one pump

Division error approx. 3%

Different pressure settings for each section possible

Valves settable from 70-210 bar, other setting ranges on request

Modification to internal leak oil discharge possible - For this, close off port T with G1/2" blind plug (modification recommended only after consultation!)

After modification to internal leak oil discharge, the integrated suction valves are decommissioned.

Configuration of gear flow dividers: $q_i = Q/z * 1000/n$

qi = displacement/section [cm³]; Q = total intake volumetric flow [l/min]; z = no. of sections; n = rotating speed [rpm]

Item

| Identification | Intake volume per section (cc) | p1 max. (bar) | p2 max. (bar) | Flow per element min. (L/min) | Flow per element max. (L/min) | Flow per element (L/min) | A (mm) | Li (mm) | Weight (kg) |
|------------------------|--------------------------------|---------------|---------------|-------------------------------|-------------------------------|--------------------------|--------|---------|-------------|
| HK 92RV 04 B 41 | 4,00 | 210 | 260 | 4,80 | 10,00 | 7,60 | 47 | 444 | 11,1 |
| HK 92RV 04 B 43 | 6,00 | 210 | 260 | 7,20 | 15,00 | 10,80 | 50 | 456 | 11,8 |
| HK 92RV 04 B 45 | 9,00 | 210 | 260 | 10,80 | 22,50 | 15,10 | 54 | 472 | 12,4 |
| HK 92RV 04 B 47 | 11,00 | 210 | 260 | 13,20 | 27,50 | 19,40 | 58 | 488 | 13,0 |
| HK 92RV 04 B 49 | 14,00 | 200 | 230 | 16,80 | 35,00 | 25,90 | 64 | 512 | 13,7 |

p_1 = max. working pressure = p_2 = max. peak pressure