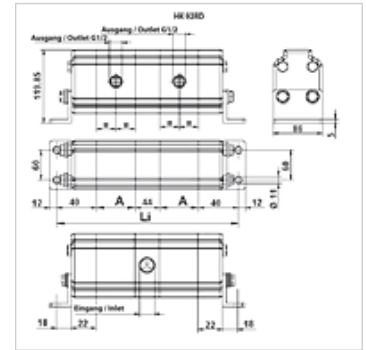


# HK 92RD 02 BG2

Gear flow divider, size 2 92RD 2-way

## Properties

<b>Design</b>	without central phase compensation valves internal leak oil discharge
<b>Rotational speed range</b>	1200 - 2500 U/min
<b>Pressure difference</b>	max. 30 bar (between the sections)
<b>Recommended speed</b>	1800 - 2000 rpm



## Note

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

## Description

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

Division error approx. 3%

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

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

$q_i$  = displacement/section [cm<sup>3</sup>];  $Q$  = 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 92RD 02 41	4,00	210	260	4,80	10,00	7,60	47	218	4,8
HK 92RD 02 43	6,00	210	260	7,20	15,00	10,80	50	224	5,0
HK 92RD 02 45	9,00	210	260	10,80	22,50	15,10	54	232	5,3
HK 92RD 02 47	11,00	210	260	13,20	27,50	19,40	58	240	5,5
HK 92RD 02 49	14,00	200	230	16,80	35,00	25,90	64	252	5,7

p1 = max. working pressure – p2 = max. peak pressure