

## Properties

<b>Design</b>	without central phase compensation valves internal leak oil discharge
<b>Rotational speed range</b>	1200 - 2700 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%

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)	Flow per element min. (L/min)	Flow per element max. (L/min)	Flow per element (L/min)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	Li (mm)	Ø R1 (mm)	Weight (kg)
HK 9RD 04 01	0,17	210	0,20	1,20	0,40	29,3	292,2	46	32,5	54,25	88,3	50	278	6,5	1,2
HK 9RD 04 02	0,25	210	0,30	1,80	0,70	29,9	294,6	46	32,5	54,25	88,3	50	281	6,5	1,2
HK 9RD 04 04	0,45	210	0,60	3,00	1,20	31,5	301,0	46	32,5	54,25	88,3	50	287	6,5	1,2
HK 9RD 04 05	0,57	210	0,80	3,80	1,50	32,5	305,0	46	32,5	54,25	88,3	50	291	6,5	1,2
HK 9RD 04 06	0,76	210	1,00	4,80	2,00	34,0	311,0	46	32,5	54,25	88,3	50	297	6,5	1,2

p1 = max. working pressure