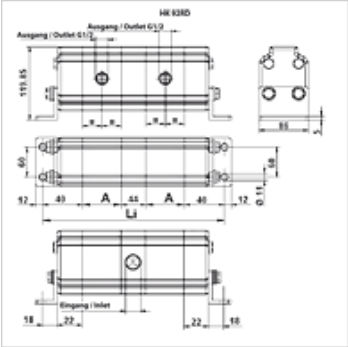
HK 92RD 04 BG2

Gear flow divider, size 2 92RD 4-way

Properties

Design	without central phase compensation valves internal leak oil discharge
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.

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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%

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

Configuration of gear flow dividers: qi = 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 92RD 04 41	4,00	210	260	4,80	10,00	7,60	47	400	9,5
HK 92RD 04 43	6,00	210	260	7,20	15,00	10,80	50	412	9,9
HK 92RD 04 45	9,00	210	260	10,80	22,50	15,10	54	428	10,3
HK 92RD 04 47	11,00	210	260	13,20	27,50	19,40	58	444	10,8
HK 92RD 04 49	14,00	200	230	16,80	35,00	25,90	64	468	11,5

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

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.