HK 9RV 04 BG0

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 - 2700 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.

Description

This flow divider is used to supply four independent hydraulic circuits with just one pump
Division error approx. 3%
Equal pressure setting for all sections
Valves settable from 70-210 bar, other setting ranges on request
Modification to internal leak oil discharge possible - For this, remove the cylinder head screw in port T and close off the port with G1/2" blind plug (modification recommended only after consultation!)
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)	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)	F1 (mm)	H (mm)	Li (mm)	Ø R1 (mm)	Weight (kg)
HK 9RV 04C 01	0,17	210	0,20	1,20	0,40	29,3	292,2	46	32,5	54,25	88,3	123,3	50	278	6,5	2,1
HK 9RV 04C 02	0,25	210	0,30	1,80	0,70	29,9	294,6	46	32,5	54,25	88,3	123,3	50	281	6,5	2,1
HK 9RV 04C 04	0,45	210	0,60	3,00	1,20	31,5	301,0	46	32,5	54,25	88,3	123,3	50	287	6,5	2,1
HK 9RV 04C 05	0,57	210	0,80	3,80	1,50	32,5	305,0	46	32,5	54,25	88,3	123,3	50	291	6,5	2,2
HK 9RV 04C 06	0,76	210	1,00	4,80	2,00	34,0	311,0	46	32,5	54,25	88,3	123,3	50	297	6,5	2,2

p1 = max. working pressure

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