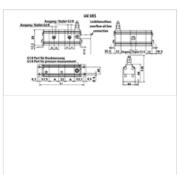


Properties	
Design	with central phase compensation valve external leak oil discharge Adjustment range DBV: 70-210 bar
Rotational speed range	1200 - 2700 U/min
Pressure difference	max. 30 bar (between the sections)
Recommended speed	1800 - 2000 rpm





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 two 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	p1 max.	p2 max.	Flow per element min.	Flow per element max.	Flow per ele- ment	Α	Li	Weight
	(cc)	(bar)	(bar)	(L/min)	(L/min)	(L/min)	(mm)	(mm)	(kg)
HK 9RS 02 D 18	1,70	220	270	2,00	9,50	4,00	44	228	2,20
HK 9RS 02 D 20	2,20	220	270	2,50	13,00	5,00	46	232	2,25
HK 9RS 02 D 21	2,60	220	270	3,00	16,00	6,00	48	236	2,35
HK 9RS 02 D 23	3,20	220	270	3,50	19,00	7,00	50	240	2,45
HK 9RS 02 D 25	3,80	200	240	4,50	22,50	8,00	52	244	2,55

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