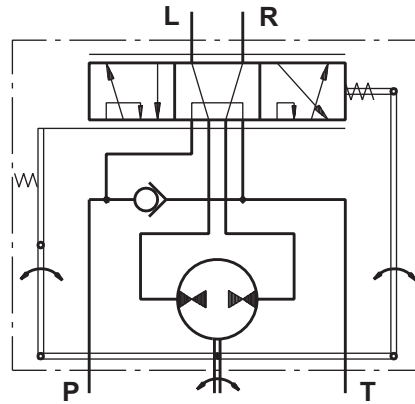


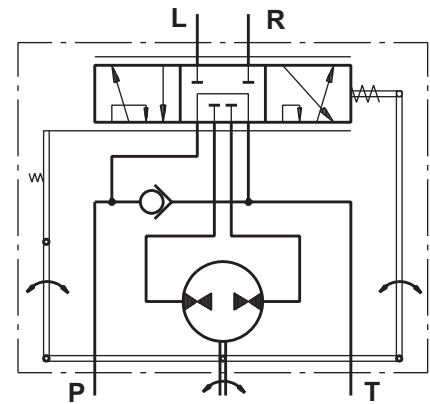
HYDROSTATIC STEERING UNITS TYPE HKU.../3, 4



The newly designed HKU steering units, with radial distribution, incorporate two rotary tracing valves in the housing, which turn on the metering pump.



"Open Center - Load Reaction"
HKU.../3

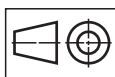
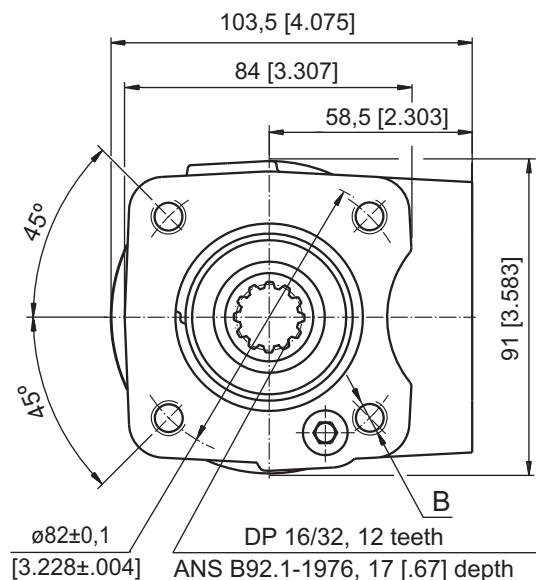
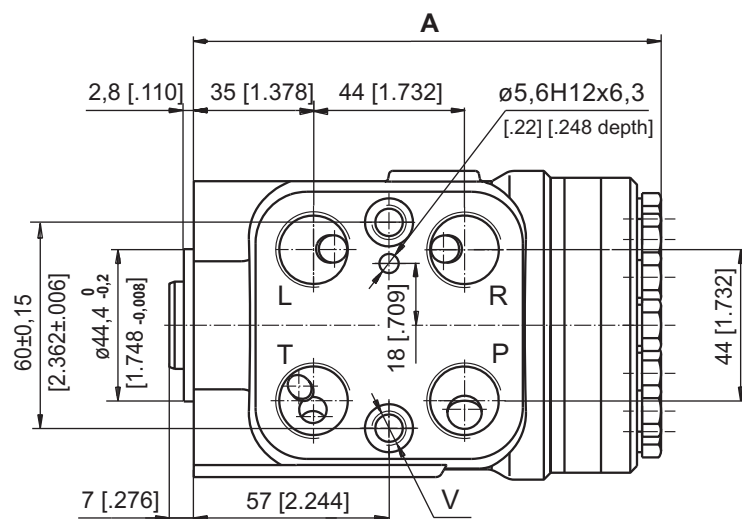


"Open Center - Non Load Reaction"
HKU.../4

SPECIFICATION DATA

Parameters																
		HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU				
		40/3	50/3	63/3	80/3	100/3	125/3	160/3	200/3	250/3	320/3	400/3				
		HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU	HKU
		40/4	50/4	63/4	80/4	100/4	125/4	160/4	200/4	250/4	320/4	400/4	500/4	630/4	800/4	1000/4
Displacement	cm³/rev	39,6	49,5	65,6	79,2	99,0	7.56	9.67	198	247,5	316,8	396	495	623,6	793	990
	[in³/rev]	[2.42]	[3.0]	[4.0]	[4.83]	[6.04]	[123,8]	[158,4]	[12.1]	[15.1]	[19.3]	[24.2]	[30.2]	[38.05]	[48.4]	[60.4]
Rated Flow*	lpm	4	5	6	8	10	13	16	20	25	32	40	50	63	70	
	[GPM]	[1.1]	[1.3]	[1.6]	[2.1]	[2.6]	[3.4]	[4.2]	[5.3]	[6.6]	[8.4]	[10.6]	[13.2]	[16.6]	[18.5]	
Rated Pressure	bar	140		170										140		100
	[PSI]	[2030]		[2465]										[2030]		[1450]
Max. Cont. Pressure in Line T bar [PSI]																
- standard		25 [363]														
- high pressure (H option)		40 [580]														
Max. Torque at Servoamplifying Nm [lb-in]																
- with standard springs		3,0 [26]										3,0 [26]				
- with soft springs (LT option)		1,8 [16]										-				
Max. Torque w/o Servoamplifying Nm [lb-in]		120 [1065]														
Weight	kg	5,3	5,4	5,5	5,6	5,7	5,8	6,0	6,3	6,5	7,0	7,4	8,0	8,7	9,6	10,6
	[lb]	[11.7]	[11.9]	[12.2]	[12.4]	[12.6]	[12.8]	[13.2]	[13.9]	[14.3]	[15.4]	[16.3]	[17.6]	[19.2]	[21.2]	[23.4]
Dimension A	mm	130,85	132,2	133,9	136,2	138,8	142,2	146,8	152,2	158,8	168,2	178,8	192	209,3	232,2	258,6
	[in]	[5.1]	[5.20]	[5.27]	[5.36]	[5.47]	[5.60]	[5.78]	[5.99]	[6.25]	[6.62]	[7.04]	[7.56]	[8.24]	[9.14]	[10.18]

* Inlet flow providing maximum speed of rotation:
 - 100 RPM - from HKU40 to HKU630;
 - 87 RPM - for HKU800;
 - 70 RPM - for HKU1000.

DIMENSIONS AND MOUNTING DATA - HKU.../3, 4, 7


mm [in]

C o d e	Ports - P, T, R, L Thread	Column Mounting Thread - B	Valve Mounting Thread - V
-	G1/2 17 [.67] depth	4 x M10 18 [.71] depth	2 x M10x1 16 [.63] depth
M	M22x1,5 17 [.67] depth	4 x M10 18 [.71] depth	2 x M10x1 16 [.63] depth
A	3/4 - 16 UNF O-ring 17 [.67] depth	4 x 3/8 - 16 UNC 15,7 [.62] depth	2 x 3/8 - 24 UNF 14,2 [.56] depth
BA*	9/16 - 18 UNF O-ring 17 [.67] depth	4 x 3/8 - 16 UNC 15,7 [.62] depth	2 x 3/8 - 24 UNF 14,2 [.56] depth

* These threads are for displacements from HKU40 to HKU200 only.