

TECH
DATA

HKU Series Steering Orbital

Configuration: Open centre, non-load reaction, Ports: 1/2" BSPP

Part #	DISPLACEMENT	ROTOR	FLOW	PRESSURE DROP	PRESSURE TANK	WEIGHT
	(cc)	Width L1 (mm)	Max. Cont. (L/min)	Max. Cont. (Bar)	(Bar)	(Kg)
HKU 40/4	39.6	6.5	4	140	25	5.3
HKU 50/4	49.5	6.5	5	140	25	5.4
HKU 63/4	65.6	8.2	6	170	25	5.5
HKU 80/4	79.2	10.6	8	170	25	5.6
HKU 100/4	99.0	13.2	10	170	25	5.7
HKU 125/4	123.8	16.6	13	170	25	5.8
HKU 160/4	158.4	20.8	16	170	25	6.0
HKU 200/4	198.0	26.6	20	170	25	6.3
HKU 250/4	247.5	32.9	25	170	25	6.5
HKU 320/4	316.8	42.7	32	170	25	7.0
HKU 400/4	396.0	52.9	40	170	25	7.4
HKU 500/4	495.0	61.2	50	170	25	8.0
HKU 630/4	623.6	83.6	63	140	25	8.7
HKU 800/4	793.0	110.7	70	140	25	9.6
HKU 1000/4	990.0	133.2	70	100	25	10.6

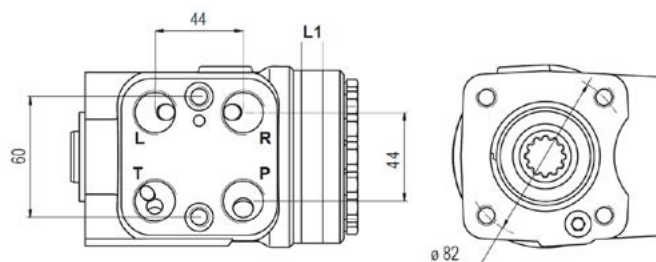
Nomenclature

HKU	RELIEF		DISP.	CONFIGURATION			RELIEF SETTINGS			OPTIONS		
	Code	Description		Code	Description		Code	Description		Code	Description	
			40-1000cc	4	Open centre non-load reaction		150	150 bar relief		-	1/2" BSPP ports	
	S	Built-in relief & shock valves		3	Open centre load reaction		175	175 bar relief		A	3/4" UNF ports	
	LS	Built-in relief & shock valves for use with DT (500-100cc)		7	Closed centre non-load reaction			240 bar shock valves		PB	Power beyond *	
				5	Load sense static, use with PRD/80 valve					H	High pressure shaft seal	
				5T	Load sense - static							
				5DT	Load sense - dynamic*							

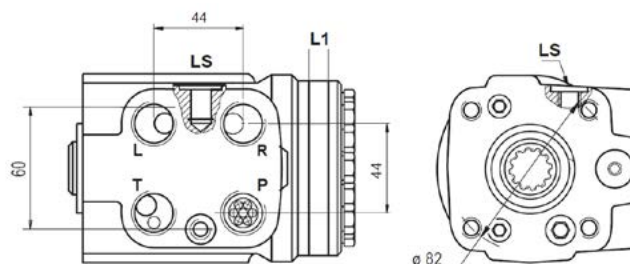
* Available for displacements 40-125cc only

M+S HYDRAULIC
MADE IN EUROPE

* for 500-1000cc units, use code HKULS

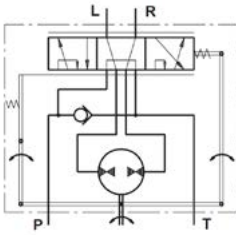


HKU Standard (side & top view)

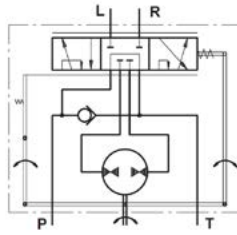


HKUS Load Sense (side & top view)

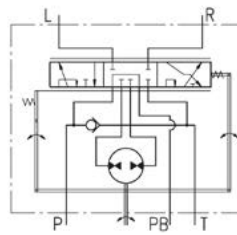
3 Open centre load reaction



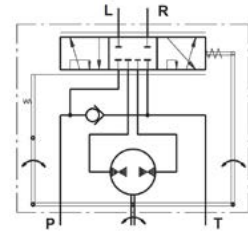
4 Open centre non-load reaction



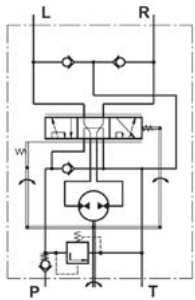
4PB Open centre non-load reaction power beyond



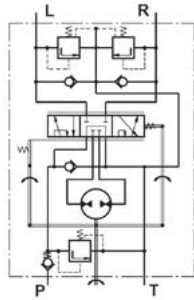
7 Closed centre non-load reaction



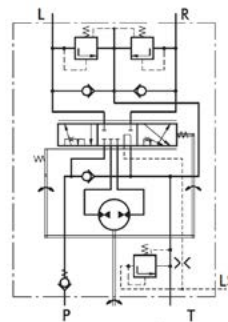
S3 Open centre load reaction relief/shock valve



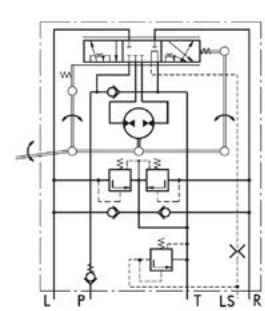
S4 Open centre non-load reaction relief/shock valves



S5T Closed centre load sense relief/shock valve



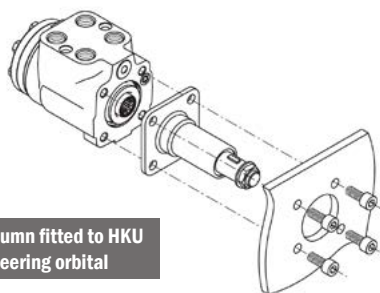
S5 Closed centre load sense PRD/80 valve



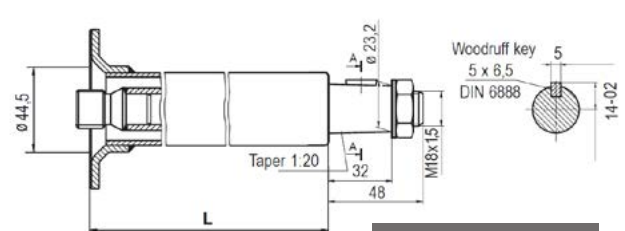
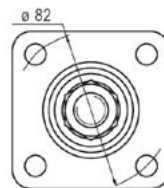
TECH DATA

KK Series Steering Column & Shaft Journal

Part #	Length (mm) L	Weight (kg)
KK75-I	78	0.75
KK150-I	168.2	1.1
KK275-I	278	1.5
KK390-I	393	1.9
KK465-I	465	2.5
KK750-I	777.8	3.3
SJ-HKU	Shaft journal - to suit HKU series steering orbitals	
(Option) E	Electrical signal connection	
(Option) F	Mounting flange with tabs	



KK column fitted to HKU steering orbital



Standard KK column 1:20 taper shaft

TECH DATA

Steering Wheel

Part #	Wheel Dia. (mm)	Column Shaft Input
360 Wheel	362	1:20 tapered
360-S-KNOB	Wheel spinner (for 360 Wheel only)	

