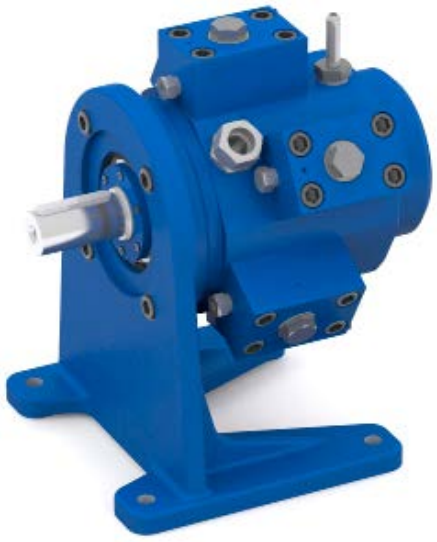
Oil Hydraulics

wepuko PAHNKE

We perform under high pressure.



RH Series I Technical Data

High-pressure radial piston pumps with constant flow rate

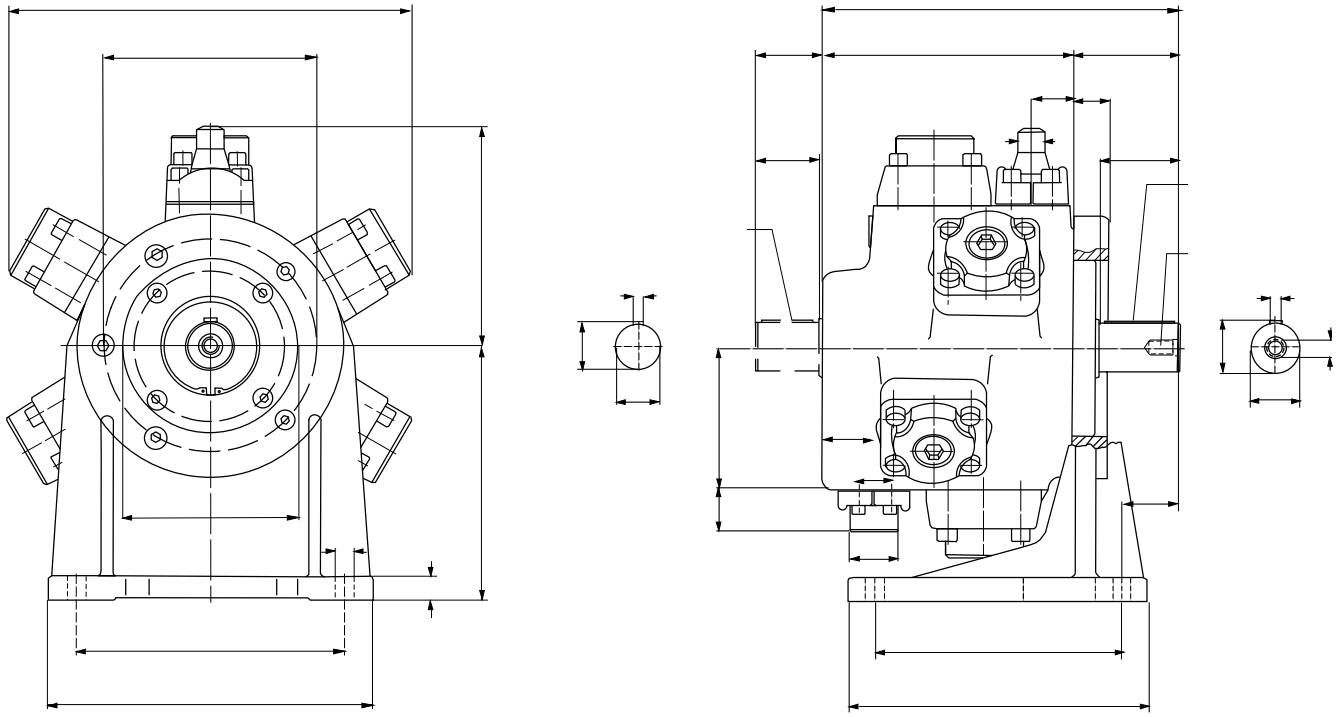
Highlights:

- Based on more than 50 years of experience in building radial pison pumps
- Easily reversible pumping capacity, short regulating times
- Minimal lateral forces on the pistons
- No piston retraction problems as the centrifugal force of the pistons self-activates the power connection between piston, guide shoe and the pivoting lifting ring
- Various regulating possibilities for any requirement
- Low-pulsation pumping
- Excellent noise characteristics

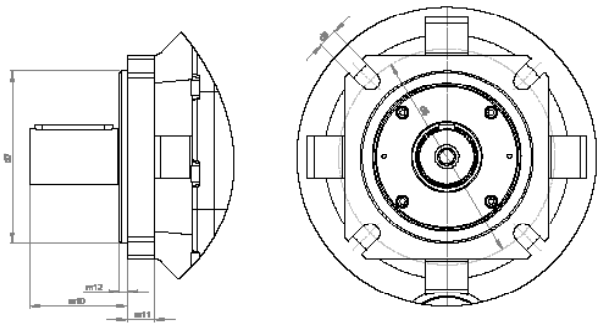
	Type	RH 21	RH 27	RH 35	RH 45	RH 58	RH 75	RH 97	RH 125
Geometric volume	cm³/Rev.	14,4	18,1	24,1	30,1	38,7	50,1	64,6	83,6
Geometric capacity at rated speed n = 1500 min^{-1}	l/min	21,7	27,1	36,1	45,2	58,1	75,2	96,9	125,4
Weight	kg	95	95	100	100	246	246	295	295
Maximum speed	min^{-1}	2000	2000	2000	2000	1800	1800	1800	1800
Continuous Pressure according to DIN 24312	bar	1000							
Maximum Pressure according to DIN 24312	bar	1200							
Inlet pressure	1-2,5 bar								
Pressure liquid	Hydraulic oil HLP according to DIN 51524								
Pressure liquid viscosity	20-100 cS								
Allowable start viscosity at p_e = 1 bar absolute	400 cSt								
Pressure liquid temperature	10-65°C								
Filtration size	25 mikron								
Volumetric efficiency	0,85								

Type	A	B	C	D	E	F	F_1	G	H	L	M	N	O	S	X Rohr	Y Rohr
RH 21 RH 27	340	340	227	4 x M 16 195	165	112	63	122	50	60,3/54,5	M 12	192	36	R1 1/4"	10/20	
RH 35 RH 45	360											208		R1 1/2"	12,5/25	
RH 58 RH 75	500	463	327	6 x M 20 275	230	138	90	185	68	57	M 16	285	54		16/34	41,5/48
RH 97 RH 125	520														20,4/42,4	52,8/60

Type	d	d_1	h	l	l_1	m	n	p	q	r	t	t_1	u	u_1	v	w	w_1
RH 21 RH 27 RH 35 RH 45	45	38	265	82	58	260	320	250	300	52	48,5	41	14	10	18	22	25
RH 58 RH 75 RH 97 RH 125	65	55	330	105	82	350	420	320	390	75	69	59	18	16	27	30	45



Flange version:



Application examples

- General hydraulic equipment
- Forging presses
- Bending presses
- Slab shears
- Extruders
- Upsetting presses
- Chip board presses
- Packing presses
- Stripper cranes
- Stretching benches
- Forging manipulators
- Embossing machines
- Pipe test presses
- Pulsation drives
- Pressure transmitters
- Power supplies
- Direct drives for hydraulic cylinders
- And many more applications!

Open die forging press

Is your application not mentioned here? Please give us a call. We'll be pleased to advise you!

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