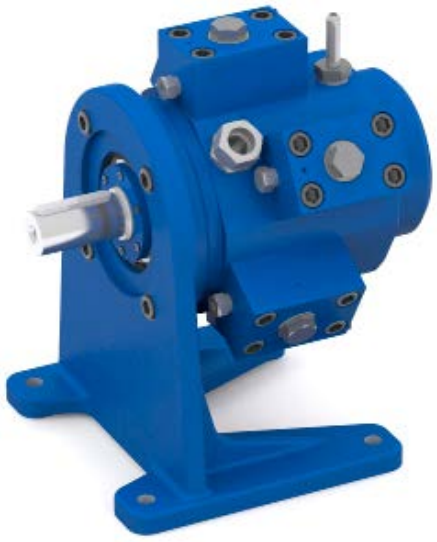
Oil Hydraulics

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
- Minimal lateral forces on the pistons
- reduced bearing forces due to multi-row design
- Easily replaceable valves and internal parts
- No leakage line required
- Excellent noise characteristics

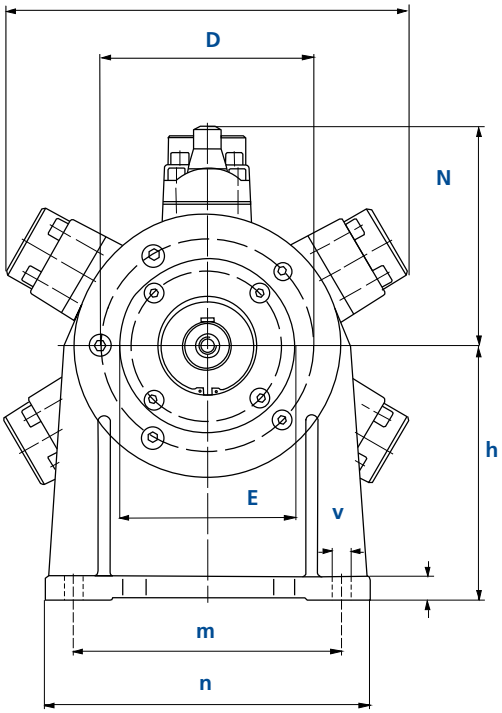
	Type	RH 21	RH 27	RH 35	RH 45	RH 58	RH 75	RH 97	RH 125
Geometric volume	cm³/Rev.	14,4	18,1	24,1	30,1	38,7	50,1	64,6	83,6
Geometric capacity at rated speed n = 1500 min^{-1}	l/min	21,7	27,1	36,1	45,2	58,1	75,2	96,9	125,4
Weight	kg	95	95	100	100	246	246	295	295
Maximum speed	min^{-1}	1800	1800	1800	1800	1800	1800	1800	1800
Continuous Pressure according to DIN 24312	bar	1000							
Inlet pressure	1-2,5 bar								
Pressure liquid	Hydraulic oil HLP according to DIN 51524								
Pressure liquid viscosity	20-100 cSt								
Allowable start viscosity at p_e = 1 bar Ü	400 cSt								
Pressure liquid temperature	10-65°C								
Purity class according to ISO 4406	19/16/13								
Volumetric efficiency	0,85								

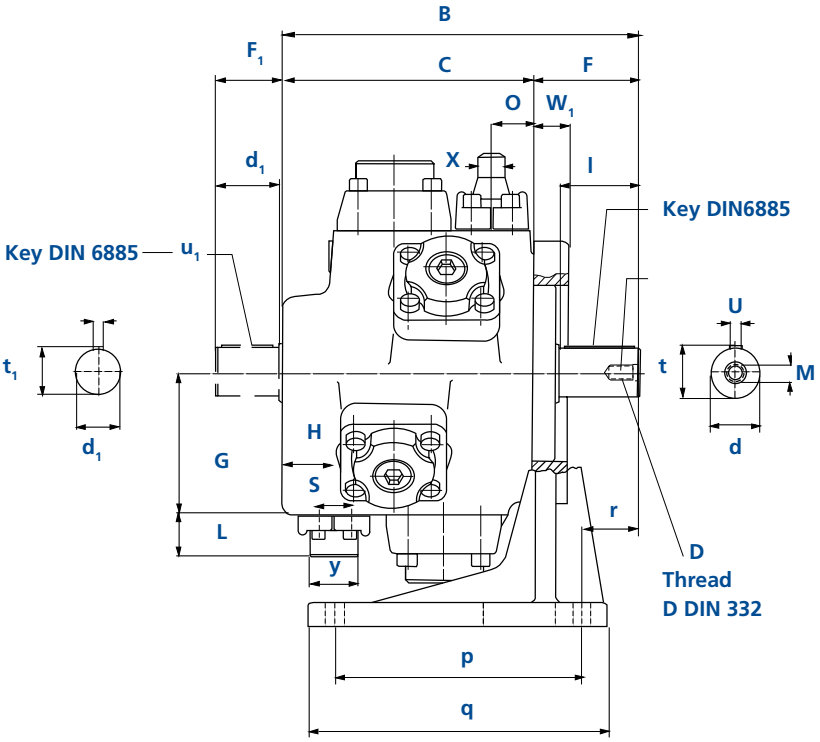
Type	A	B	C	D	E	F	F_1	G	H	L*	M	N	O	S	X Rohr*	Y Rohr*
RH 21 RH 27	340	340	227	4 x M 16 195	165	112	63	122	50	60,3/54,5	M 12	203	36	R1 1/4"	10/20	
RH 35 RH 45	360											203		R1 1/2"	12,5/25	
RH 58 RH 75	500	463	327	6 x M 20 275	230	138	90	185	68	57	M 16	280	54		16/34	41,5/48
RH 97 RH 125	520														20,4/42,4	52,8/60

** corresponding pressure level and active ingredient*

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

Main consumer pump A





Pump foot and 2nd shaftend by reguest

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

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