

REN-TEK

OK SERIES HYDRAULIC MOTOR

OK series motor adapt the advanced Geroler gear set design with shaft distribution flow, which can automatically compensate in operating with high pressure, provide reliable and smooth operation, high efficiency and long life.

Characteristic features:

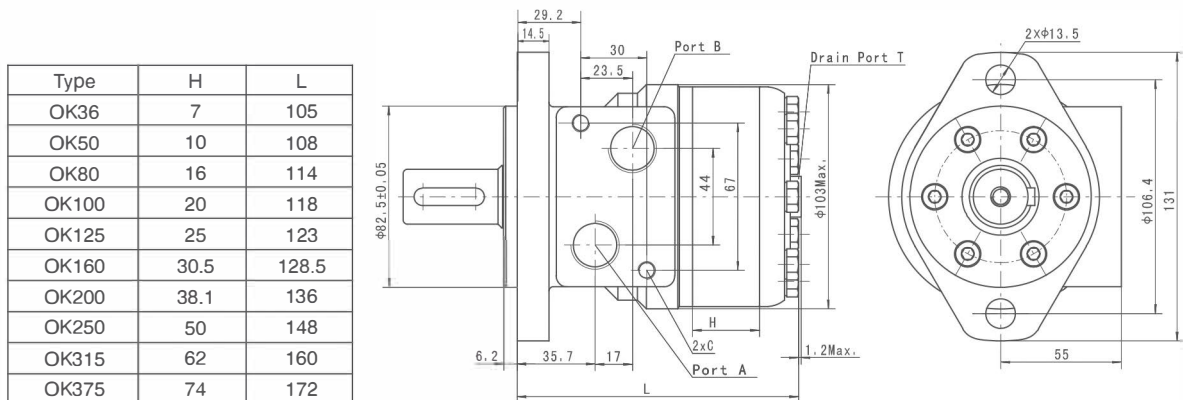
- *Advanced manufacturing devices for the Geroler gear set, which use low pressure of start-up, provide smooth, reliable operation and high efficiency.
- *Shaft seal can bear high pressure of back and the motor can be used in parallel or in series.
- *Special design in the driver-linker and prolong operating life
- *Special design for distribution system can meet the requirement of low noise of unit.
- *Compact volume and easy installation

Main Specification

Technical data for OK with 25 and 1 in and 1 in splined and 28.56 tapered shaft

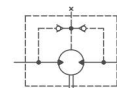
Code	Displacement [cm ³ /rev]	Max.Speed [rpm]		Max.Torque [Nm]		Max.output [kW]		Max.pressure [MPa]		Max.Oil Flow[L/min]
		cont.	int.	cont.	int.	cont.	int.	cont.	int.	
OK 36	36	1111	66	83	9	10.4	14	17.5	40	
OK 50	51.7	780	100	129	9	10.4	14	17.5	40	
OK 80	81.5	744	158	196	10.4	12.6	14	17.5	60	
OK 100	102	595	200	242	10.8	12.8	14	17.5	60	
OK 125	127.2	480	248	298	10.8	12.5	14	17.5	60	
OK 160	157.2	382	315	384	10.4	11.5	14	17.5	60	
OK 200	194.5	301	339	419	8.8	10.2	12.5	15.5	60	
OK 250	253.3	238	403	474	8.1	9.4	11	14	60	
OK 315	317.5	191	398	498	7.4	7.8	9	12.5	60	
OK 375	381.4	162	373	466	6.2	7.1	7.5	9	60	

* Intermittent operation: the permissible values may occur for max.10% of every minute



Type	H	L
OK36	7	105
OK50	10	108
OK80	16	114
OK100	20	118
OK125	25	123
OK160	30.5	128.5
OK200	38.1	136
OK250	50	148
OK315	62	160
OK375	74	172

Code	D (depth)	M (depth)	S (depth)	P (depth)	R (depth)
P(A,B)	G1/2 (15)	M22 x 1.5 (15)	7/8-14 O-ring (16.7)	1/2-14NPTF (15)	PT(RC)1/2 (15)
C	4-M8 (13)	4-M8 (13)	4-5/16-18UNC(13)	4-5/16-18UNC(13)	4-M8 (13)
T	G1/4 (12)	M14 x 1.5 (12)	7/16-20UNF (12)	7/16-20UNF (12)	PT(RC)1/4 (9.7)



Direction of shaft rotation: Standard
 When facing shaft end of motor, shaft to rotate:
 Clockwise when port "A" is pressurized.
 Counter-clockwise when port "B" is pressurized.

