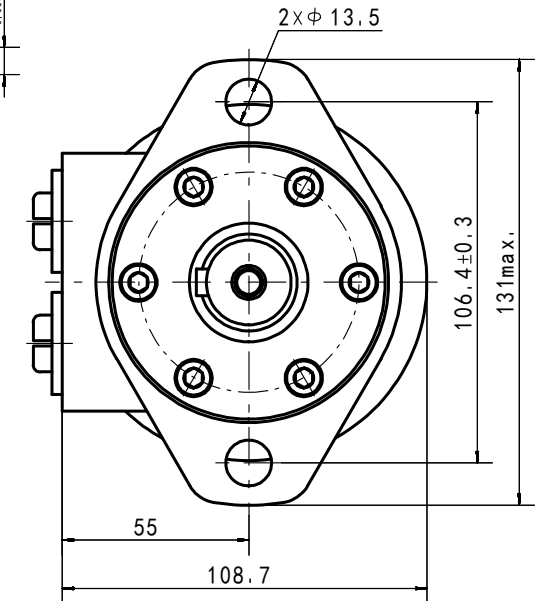
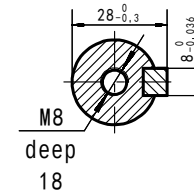
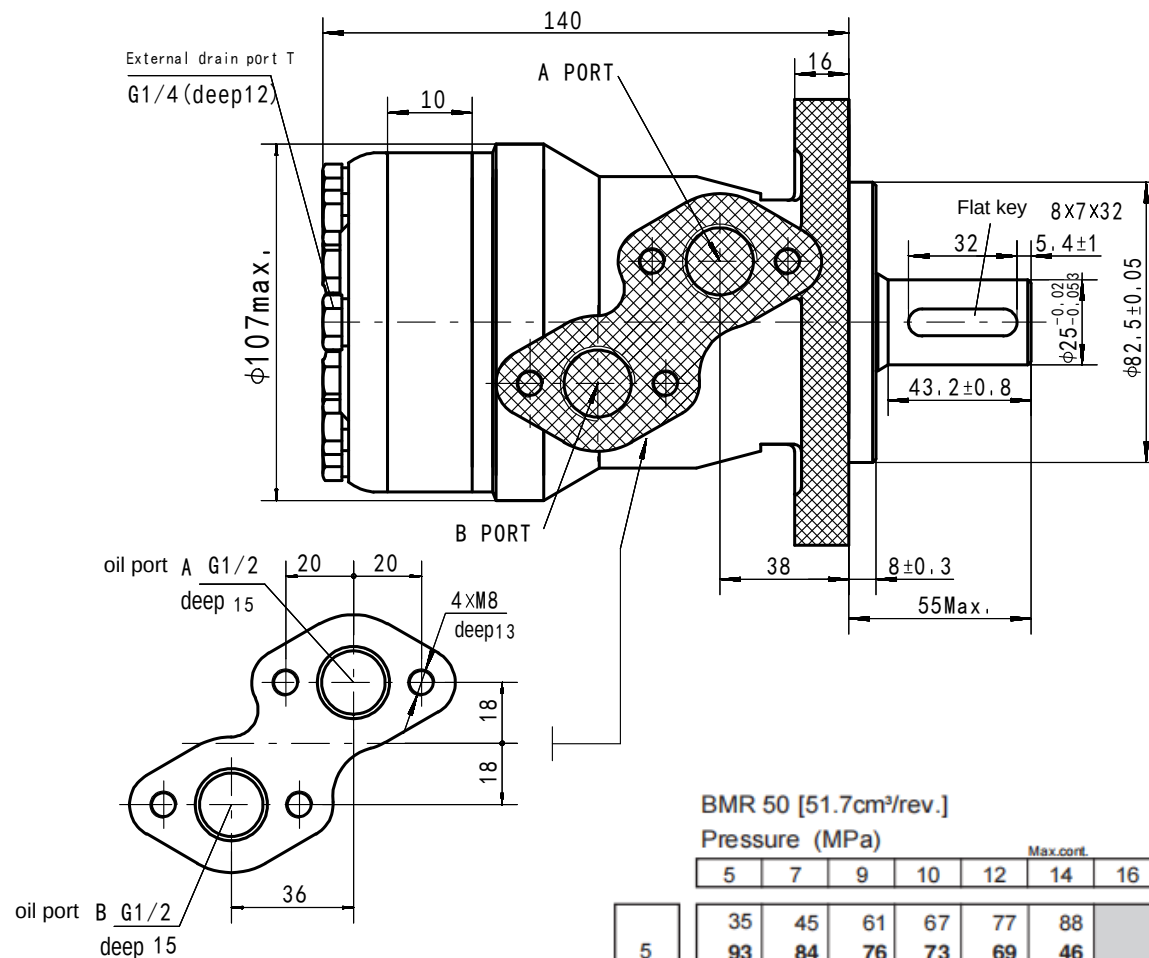




MAIN SPECIFICATION

Type BMR-50-2-A-D-B

Geometric displacement(cc/rev)51.7

Max speed (rpm): cont. 960
int. 1150

Max torque (Nm): cont. 100
int. 126
peak 165

Max output (kw): cont. 9.5
int. 11.2

Max pressure drop (MPa) cont. 14
int. 17.5
peak 22.5

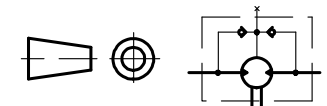
Max flow(L/min): cont. 50
int. 60

BMR 50 [51.7cm³/rev.]

Pressure (MPa)

	5	7	9	10	12	14	16	17.5
5	35	45	61	67	77	88		
10	93	84	76	73	69	46		
15	36	46	62	69	80	95	108	120
20	186	178	166	162	153	136	118	97
30	35	49	63	73	88	100	109	123
40	283	277	269	261	250	230	211	185
45	34.5	47	61	69	83	96	109	126
50	377	375	365	361	346	330	302	270
55	33	44	60	67	80	95	108	126
60	576	569	561	554	542	531	500	465
65	30	41	58	66	79	92	106	122
70	760	758	753	750	738	724	700	670
75	29.5	40	57	65	78	90	105	121
80	856	853	849	845	835	815	796	770
85	26	37	53	60	73	85	99	114
90	950	940	925	906	880	852	832	801
95	20	33	48	56	69	81	95	109
100	1138	1124	1100	1075	1056	1028	1006	970

Rotation direction of output shaft: Standard
When facing the direction of the motor shaft extension,
when the oil port A is high pressure oil, the output shaft
rotates clockwise; otherwise, it rotates counterclockwise.
B:Black



HGB S.R.L.

BMR Assembly drawing

BMR-50-2-A-D-B

cont.
int.