

ZBMR Series internal brake (BMR Design)



Replace with Danfoss 151-6461.....151-6468;151-6471.....151-6478;
M+S B/MR-80-C.....B/MR-400-C;B/MR-80-CO-4.....B/MR-400-CO-4

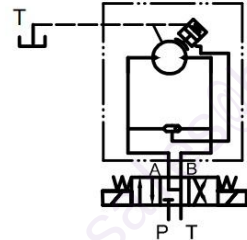
Parameters

Model	ZBMR -50	ZBMR -80	ZBMR -100	ZBMR -125	ZBMR -160	ZBMR -200	ZBMR -250	ZBMR -315	ZBMR -375
Displacement (Cm/rev.)	51.7	81.5	102	128	157	195	253	318	381
Max speed (rpm)	Rate	490	479	478	421	341	276	212	169
	cont	509	502	497	459	372	301	231	184
	Peak	603	598	574	574	465	376	289	230
Max torque (Nm)	Rate	104	164	205	256	316	335	437	456
	cont	103	203	254	317	391	359	437	456
	Peak	88.6	160	200	250	308	333	473	502
Max power (KW)	Rate	5.3	8.2	10.3	11.3	11.3	9.7	9.7	8.1
	cont	5.5	10.7	13.2	15.2	15.2	11.3	10.6	8.8
	Peak	5.6	10	12	15	15	13.1	14.3	12.1
Max. Pressure (MPa)	Rate	14	14	14	14	14	12	12	10
	cont	14	17.5	17.5	17.5	17.5	13	12	10
	Peak	17.5	20	20	20	20	17.5	13	11
Max flow (L/min)	Rate	26	40	50	55	55	55	55	55
	cont	27	42	52	60	60	60	60	65
	Peak	32	50	60	75	75	75	75	75
Min. Opening Pressure	1.7- 2.2 MPa								
Max pressure of oil ports	25 MPa								
Max pressure of brake port	25 MPa								
Max Brake torque in static	500- -550 (NM)								
Weight (kg)	11.7	11.9	11.9	12.2	12.5	13	13.5	14	14.5

Selection

1	2	3	4
Series	Displacement	Flange	Output shaft
ZBMR (BMR BK)	50	Code 2: 2-Ø13.5 Rhomb-flange , pilot Ø82.5×8 Code:4: 4-Ø13.5 Rhomb-flange , pilot Ø82.5×8 Code H4: 4-3/8-16 Square-flange , pilot Ø44.4×2.8 Code H5: 4-M10 Square-flange , pilot Ø44.4×2.8	Code A: Shaft Dia Ø25 , Parallel key 8×7×32 Code B: Shaft Dia Ø32 , Parallel key 10×8×45 Code C: Shaft Dia Ø25.4 , Parallel key 6.35×6.35×31.75 Code R: Shaft Dia Ø25.4 Short shaft , Parallel key 6.35×6.35×31.75 Code E: Shaft Dia Ø25.4 , Splined tooth SAE 6B Code F: Shaft Dia Ø31.75 Short shaft , Splined tooth 14-DP12/24 Code FD: Shaft Dia Ø31.75 Long shaft , Splined tooth 14-DP12/24
	80		
	100		
	125		
	160		
	200		
	250		
	315		
	375		
5	6	7	8
Port and drain port (Brake release port G1/4)	Rotation direction	Paint	Unusually function
Code D: G1/2 Manifold mount 4*M8,G1/4 Code M: M22*1.5 Manifold mount 4*M8,M14*1.5 Code S: 7/8-14 O-ring Manifold 4*5/16-18UNC,7/16-20UNF Code R: PT(RC) 1/2 Manifold 4*M8,PT(Rc)1/4	Omit: Standard Code R: Opposite	Omit: Silver Grey Code B: Black	Omit: Standard (Internal control) Code EE: External control

(Internal control)



(External control)

