



产品概述 INTRODUCTION

ZBMR are BMR orbit hydraulic motor with multi-disc brake. There are shuttle valve and inner hydraulic control system. It has small volume, short radial dimension, low weight and easy to install. It's widely applied in construction machinery, shipping machinery, cranes, mining, port, metallurgical industry, etc.

型号意义 ORDERING CODE

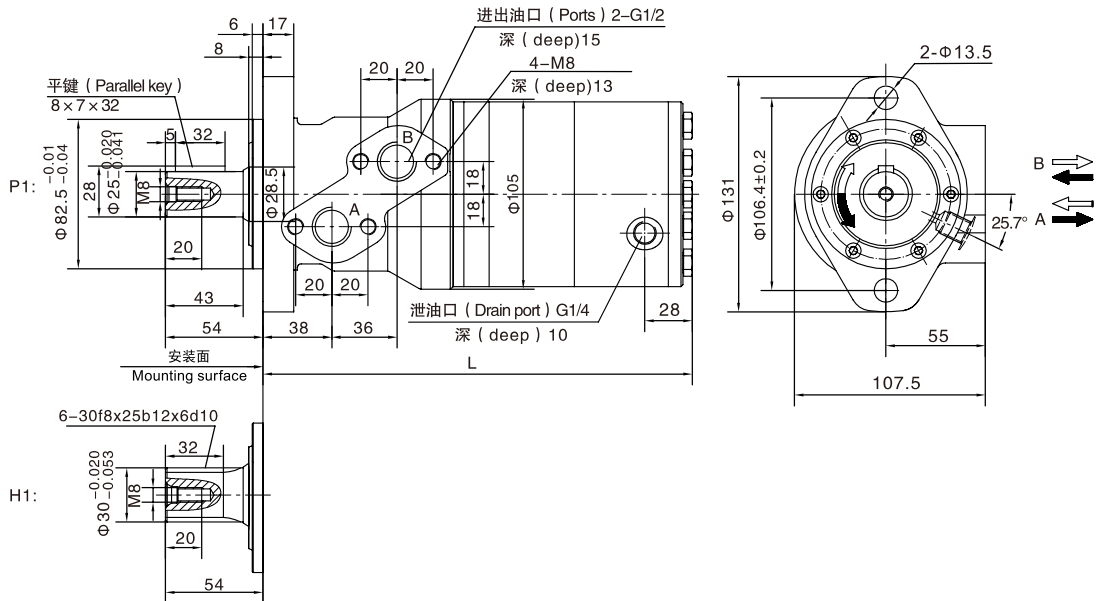
1 2 3 4 5
ZBMR - /

- | | |
|------------------------------|-------------------------|
| 1、马达排量 Displacement | 3、安装法兰 Mounting Flange |
| 2、输出轴型式 Output shaft | 4、油口 Ports |
| P1- 标准平键 Standard flat key | 5、特殊要求 Special Features |
| H1- 标准花键 Standard spline key | |

技术参数 TECHNICAL DATA

Type	Displacement ml/r	Max.pressure Mpa	Max.torque N.m	Max. speed r/min	Releasing pressure Mpa	Static brake torque N.m	Associated motor	Weight kg	长度 L mm
ZBMR-80	80.5	14	152	500	1.3-1.7	250-300	BMR-80	12.3	240
ZBMR-100	100.5	14	194	450	1.3-1.7	250-300	BMR-100	12.5	244
ZBMR-125	126.3	14	237	400	1.3-1.7	250-300	BMR-125	12.8	248
ZBMR-160	160.8	14	310	300	2.6-3.2	450-500	BMR-160	13	254
ZBMR-200	200.9	14	369	250	2.6-3.2	450-500	BMR-200	13.5	261
ZBMR-250	252.6	11	380	200	2.6-3.2	450-500	BMR-250	14	270
ZBMR-315	321.5	9	380	160	2.6-3.2	450-500	BMR-315	14.5	282
ZBMR-400	401.9	7	380	150	2.6-3.2	450-500	BMR-400	16.5	296

ZBMR-80(80-315)P1(H1) A II Y 外形安装图 Installation



产品概述 INTRODUCTION

ZBMR/N hydraulic motor-brake is made up of BMR geroler motor and multi-disc brake, with shuttle valve and built-in control oil circuit. It has the advantages of simple structure, short radial dimension, more compact and easy installation, etc.. This brake is characterized by point braking, and there are total six braking points in a circle. When receiving the stop signal, the motor needs to keep running at most 60 degrees to be braked. It can not stop running suddenly and can not be used for precise positioning. It is widely used for injection molding machine, some of transmission and horizontal pulling application.

型号意义 ORDERING CODE

1 2 3 4 5
ZBMR - / N -

- | | |
|------------------------------|-------------------------|
| 1、马达排量 Displacement | 3、安装法兰 Mounting Flange |
| 2、输出轴型式 Output shaft | 4、油口 Ports |
| P1- 标准平键 Standard flat key | 5、特殊要求 Special Features |
| H1- 标准花键 Standard spline key | |

技术参数 TECHNICAL DATA

Type	Displacement ml/r	Max. pressure Mpa	Max. torque N · m	Speed range r/min	制动器 Braker		Associated motor	长度 L mm	Weight kg
					Releasing pressure	Brake torque			
ZBMR-80/N	80.5	14	152	60-500	2.4	450	BMR-80	187	9.4
ZBMR-100/N	100.5	14	194	50-480	2.4	450	BMR-100	190	9.5
ZBMR-125/N	126.3	14	237	40-380	2.4	450	BMR-125	195	9.8
ZBMR-160/N	160.8	14	310	30-300	2.4	450	BMR-160	201	10
ZBMR-200/N	200.9	14	369	25-240	2.4	450	BMR-200	208	10.5
ZBMR-250/N	252.6	11	380	20-195	2.4	450	BMR-250	217	11
ZBMR-315/N	321.5	9	380	15-150	2.4	450	BMR-315	229	11.5
ZBMR-400/N	401.9	7	380	10-130	2.4	450	BMR-400	243	13.5

- Notice: 1. ZBMR/N Hydraulic Motor-Brake is only for static brake.
2. When the motor is braked: for the internal control motor, the input and output line can not be pressured, otherwise it will not be braked; for external control motor, the control line can not be pressured, otherwise it will not be braked.

[illegible]