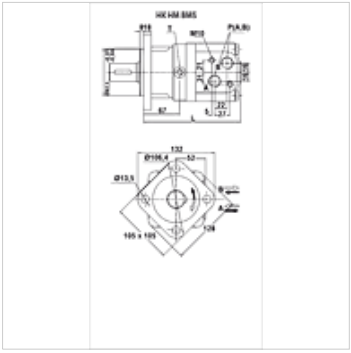
# HK HM BMS

BMS CN geroller motor

## Properties

| | |
|---|---|
| **Connection** | Oil connectors: A + B = G 1/2"; leak oil = G 1/4" |
| **Design** | Economy variant<br>always connect drain line<br>Four hole flange bolt circle 106,4<br>Shaft Ø 32mm |
| **Intake and return pressure with leak oil line max.** | 210 bar |





## Note

It is generally recommended that the leak oil line is connected!

## Item

| Identification | Flow rate max. (L/min) | Displace-ment (cc) | Speed min. (rpm) | Speed max. (rpm) | Torque max. (N-m) | Pressure drop max. (bar) | Pmax. at 0-100 rpm (bar) | Pmax. at 100-300 rpm (bar) | Pmax. at 300 rpm (bar) | L (mm) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **HK HM BMS 080** | 65 | 80,5 | 10 | 810 | 194 | 175 | 100 | 50 | 20 | 167 | 9,8 |
| **HK HM BMS 100** | 75 | 100,5 | 10 | 750 | 242 | 175 | 100 | 50 | 20 | 170 | 10,0 |
| **HK HM BMS 125** | 75 | 126,3 | 8 | 600 | 303 | 175 | 100 | 50 | 20 | 175 | 10,3 |
| **HK HM BMS 160** | 75 | 160,8 | 8 | 470 | 358 | 160 | 100 | 50 | 20 | 181 | 10,7 |
| **HK HM BMS 200** | 75 | 200,9 | 8 | 375 | 438 | 160 | 100 | 50 | 20 | 188 | 11,1 |
| **HK HM BMS 250** | 75 | 252,6 | 8 | 300 | 440 | 125 | 100 | 50 | - | 197 | 11,6 |
| **HK HM BMS 315** | 75 | 321,5 | 8 | 240 | 530 | 125 | 100 | 50 | - | 208 | 12,3 |
| **HK HM BMS 400** | 75 | 401,9 | 8 | 180 | 562 | 100 | 100 | 50 | - | 222 | 13,2 |

max. pressure on shaft seal (without leak oil line) or pressure in leak oil line – Values for torque and pressure drop apply for continuous operation – pmax = max. pressure

## Accessories

| | |
|---|---|
| **HK V0 590** | Shock valve |

## Spare parts

| | |
|---|---|
| **HK HM BM DS** | Seal kit for hydraulic planetary motor CN |

*Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.*