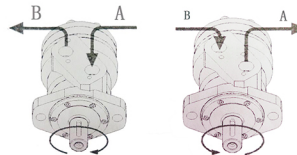
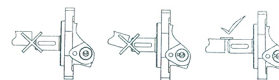


| SERIES                                                                                                         | DISPLACEMENT                                                      | OPERATING PRESSURE (MAX) | SPOOL                            |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------|----------------------------------|
|  DCV60                         | 60 L/min                                                          | 350 Bar                  | 1-12                             |
|  DCV100                        | 100 L/min                                                         | 350 Bar                  | 1-12                             |
|  DCV140                        | 140 L/min                                                         | 350 Bar                  | 1-12                             |
|  DCV200                        | 200 L/min                                                         | 350 Bar                  | 1-12                             |
|  HSV6                          | 50 L/min                                                          | 250 Bar                  | 1-3                              |
|  HSV9                          | 90 L/min                                                          | 250 Bar                  | 1-3                              |
|  P81                           | 95 L/min                                                          | 250 Bar                  | 1                                |
|  HDCF50                        | 50 L/min                                                          | 200 Bar                  | 1-12                             |
|  ZT12                          | 40 L/min                                                          | 200 Bar                  | 1-7                              |
|  ZT20                         | 100 L/min                                                         | 200 Bar                  | 1-7                              |
|  CDB15                       | 63 L/min                                                          | 200 Bar                  | 1-10                             |
|  SD5                         | 45 L/min                                                          | 315 Bar                  | 1-7                              |
|  SD8                         | 80 L/min                                                          | 315 Bar                  | 1-12                             |
|  SD11                        | 75 L/min                                                          | 315 Bar                  | 1-7                              |
|  SD25                        | 240 L/min                                                         | 250 Bar                  | 1-12                             |
|  LKT-40<br>LKF-114<br>LKT-60 | 0-30 L/min(0-8gpm)<br>0-114 L/min(0-16gpm)<br>0-80 L/min(0-30gpm) | 210 Bar                  | 3/8"-NPT<br>1/2"-NPT<br>3/4"-NPT |

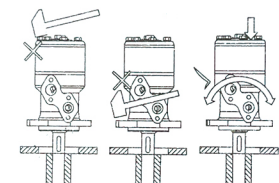
## Install and use the motor correctly



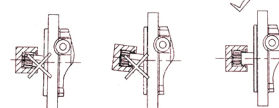
- 1 The shaft extension should be coaxial with the installation axis



- 2 Do not hit the front connecting flange, the rear cover and the bolts during installation, but rotate the motor housing and push the end face of the rear cover



- 3 When the motor without output shaft is installed, the installation axis is coaxial with the positioning notch



## About our company

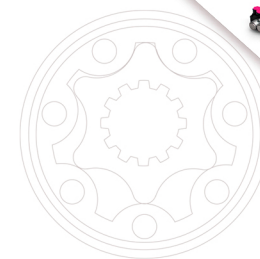
SCAN-TECH was founded in 1992, SCAN-TECH is a Danish company specialising in hydraulic and central lubrication solutions. We design, supply and install customised systems that enhance performance, reliability and service life across agriculture, construction and industrial sectors.

Our product range includes hydraulic motors, pumps, valves, cylinders, couplings, hoses and tanks, as well as complete lubrication systems for bearings, chains and gears.

With strong technical expertise and a focus on quality, we deliver tailored solutions, fast support and dependable service. From system design to installation and maintenance, SCAN-TECH ensures efficient, long-lasting operation and stands as a trusted partner for companies that demand durable and precise hydraulic and lubrication performance.



# SCAN-TECH



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Mads Clausens Vej 28 DK-9800

## Motor



**BMM series**

### Features:

- Constant clearance Geroler
- Integrated check valves
- Self-lubricate shaft bushing
- Increased valve seal lands
- High pressure seals
- Variety of displacements, shafts, mounts and special options

### Applications:

- Augers, seeders
- Car washer
- Marine bow thrusters
- Conveyors
- Snow blower
- Sweepers
- Saw mill works
- Turf equipment drives
- Many more

### Displacement:

- 8.2 (cm<sup>3</sup>/rev.)
- 12.9 (cm<sup>3</sup>/rev.)
- 19.9 (cm<sup>3</sup>/rev.)
- 31.6 (cm<sup>3</sup>/rev.)
- 39.8 (cm<sup>3</sup>/rev.)
- 50.3 (cm<sup>3</sup>/rev.)



**BMK2 series**

### Features:

- 3-zone design for long life
- Durable Bearings
- Options to optimize performance in every application
- Integrated cross-over relief valve option

### Applications:

- Skid Steer Attachments
- Swing Motor
- Brush Cutters & Mowers
- Harvesting Equipment
- Turf equipment

### Displacement:

- 65 (cm<sup>3</sup>/rev.)
- 80 (cm<sup>3</sup>/rev.)
- 100.9 (cm<sup>3</sup>/rev.)
- 129.8 (cm<sup>3</sup>/rev.)
- 156.8 (cm<sup>3</sup>/rev.)
- 193.4 (cm<sup>3</sup>/rev.)
- 242.5 (cm<sup>3</sup>/rev.)
- 304.3 (cm<sup>3</sup>/rev.)
- 390.8 (cm<sup>3</sup>/rev.)
- 475 (cm<sup>3</sup>/rev.)



**BMR series**

### Features:

- Constant clearance Geroler
- High Pressure seal
- 3-zone pressure design
- Variety of displacements, shafts and mounts
- Special options to meet customer needs!

### Applications:

- Augers, seeders
- Car washer
- Conveyors
- Sweepers
- Saw mill works
- Turf equipment
- Concrete equipment
- Skid steer attachments
- Many more

### Displacement:

- 36 (cm<sup>3</sup>/rev.)
- 51.7 (cm<sup>3</sup>/rev.)
- 81.5 (cm<sup>3</sup>/rev.)
- 102 (cm<sup>3</sup>/rev.)
- 127.2 (cm<sup>3</sup>/rev.)
- 157.2 (cm<sup>3</sup>/rev.)
- 194.5 (cm<sup>3</sup>/rev.)
- 253.3 (cm<sup>3</sup>/rev.)
- 317.5 (cm<sup>3</sup>/rev.)
- 381.4 (cm<sup>3</sup>/rev.)



**BMK4 series**

### Features:

- 10 displacements, a variety of mounting flanges and output shafts
- Reliable, proven design
- High efficiency
- Environmental protection options

### Applications:

- Mowing
- Snow Removal
- Sprayer
- Trencher
- Wood Products

### Displacement:

- 110 (cm<sup>3</sup>/rev.)
- 130 (cm<sup>3</sup>/rev.)
- 160 (cm<sup>3</sup>/rev.)
- 205 (cm<sup>3</sup>/rev.)
- 245 (cm<sup>3</sup>/rev.)
- 280 (cm<sup>3</sup>/rev.)
- 310 (cm<sup>3</sup>/rev.)
- 395 (cm<sup>3</sup>/rev.)
- 495 (cm<sup>3</sup>/rev.)
- 625 (cm<sup>3</sup>/rev.)



**BMH series**

### Features:

- Smooth running
- Constant operating torque
- High starting torque
- High efficiency
- Long life
- Robust and compact design
- High bearing capacity
- Suit open and closed loop

### Applications:

- Construction equipment
- Agricultural equipment
- Material handling & Lifting equipment
- Forestry equipment
- Lawn and turf equipment
- Special purpose
- Marine equipment

### Displacement:

- 203.2 (cm<sup>3</sup>/rev.)
- 255.9 (cm<sup>3</sup>/rev.)
- 316.1 (cm<sup>3</sup>/rev.)
- 406.4 (cm<sup>3</sup>/rev.)
- 489.2 (cm<sup>3</sup>/rev.)



**BMK6 series**

### Features:

- 9 displacements available
- Presents a multitude of options that make this motor very "smart" and flexible to apply

### Applications:

- Mobile equipment
- Snow Removal, mowing
- Spayer, trencher
- Wood products

### Displacement:

- 195.6 (cm<sup>3</sup>/rev.)
- 248.1 (cm<sup>3</sup>/rev.)
- 311.6 (cm<sup>3</sup>/rev.)
- 391.3 (cm<sup>3</sup>/rev.)
- 490.8 (cm<sup>3</sup>/rev.)
- 623 (cm<sup>3</sup>/rev.)
- 802.4 (cm<sup>3</sup>/rev.)
- 981.6 (cm<sup>3</sup>/rev.)



**BMSY series**

### Features:

- 3-zone design for long life
- Durable Bearings
- Integrated cross-over relief valve option
- Options to optimize performance in every application

### Applications:

- Skid Steer Attachments
- Swing Motor
- Brush Cutters & Mowers
- Harvesting Equipment
- Turf equipment

### Displacement:

- 80.6 (cm<sup>3</sup>/rev.)
- 100.8 (cm<sup>3</sup>/rev.)
- 125 (cm<sup>3</sup>/rev.)
- 154 (cm<sup>3</sup>/rev.)
- 194 (cm<sup>3</sup>/rev.)
- 243 (cm<sup>3</sup>/rev.)
- 311 (cm<sup>3</sup>/rev.)
- 394 (cm<sup>3</sup>/rev.)
- 475 (cm<sup>3</sup>/rev.)



**BMK10 series**

### Features:

- High torque and flow
- Many options like 2 speed and speed sensors make this motor "smart"
- Low pressure loss even in higher flows

### Applications:

- Boring
- Industrial
- Metal Forming
- Port Equipment
- Saw Mill

### Displacement:

- 345 (cm<sup>3</sup>/rev.)
- 480 (cm<sup>3</sup>/rev.)
- 665 (cm<sup>3</sup>/rev.)
- 940 (cm<sup>3</sup>/rev.)



**BMT series**

### Features:

- 9 displacements available
- Presents a multitude of options that make this motor very "smart" and flexible to apply

### Applications:

- Mobile equipment
- Snow Removal, mowing
- Spayer, trencher
- Wood products

### Displacement:

- 161.1 (cm<sup>3</sup>/rev.)
- 201.4 (cm<sup>3</sup>/rev.)
- 232.5 (cm<sup>3</sup>/rev.)
- 251.8 (cm<sup>3</sup>/rev.)
- 326.3 (cm<sup>3</sup>/rev.)
- 410.9 (cm<sup>3</sup>/rev.)
- 523.6 (cm<sup>3</sup>/rev.)
- 629.1 (cm<sup>3</sup>/rev.)
- 801.8 (cm<sup>3</sup>/rev.)



**BMER series**

### Features:

- High Pressure Motor
- Reduces friction
- No inner leakage,
- High-pressure shaft seal
- No extra drain

### Applications:

- Construction equipment
- Agricultural equipment
- Material handling & Lifting equipment
- Forestry equipment
- Lawn and turf equipment
- Marine equipment

### Displacement:

- 118 (cm<sup>3</sup>/rev.)
- 156 (cm<sup>3</sup>/rev.)
- 196 (cm<sup>3</sup>/rev.)
- 228 (cm<sup>3</sup>/rev.)
- 257 (cm<sup>3</sup>/rev.)
- 296 (cm<sup>3</sup>/rev.)
- 345 (cm<sup>3</sup>/rev.)
- 371 (cm<sup>3</sup>/rev.)
- 405 (cm<sup>3</sup>/rev.)
- 462 (cm<sup>3</sup>/rev.)
- 540 (cm<sup>3</sup>/rev.)
- 647 (cm<sup>3</sup>/rev.)
- 745 (cm<sup>3</sup>/rev.)



**BMV series**

### Features:

- High torque and flow
- Many options like 2 speed and speed sensors make this motor "smart"
- Low pressure loss even in higher flows

### Applications:

- Boring
- Industrial
- Metal Forming
- Port Equipment
- Saw Mill

### Displacement:

- 333 (cm<sup>3</sup>/rev.)
- 419 (cm<sup>3</sup>/rev.)
- 518 (cm<sup>3</sup>/rev.)
- 666 (cm<sup>3</sup>/rev.)
- 801 (cm<sup>3</sup>/rev.)
- 990 (cm<sup>3</sup>/rev.)



**BK2 series**

### Features:

- BK2 series adopts the special friction disc and high strength spring design: long life endurance, low noise, high braking reliability.
- with 4 Drain port design , the brake can be used in different applications.
- compact structure, easy mounting.
- it can be used preferentially together with BMP, BMR, BMS series hydraulic motor.

### Min. static Torque:

- 200~230 (Nm)
- 410~450 (Nm)

### Min. Opening Pressure:

- 1.7~2.3 [MPa]

### Max. Opening Pressure:

- 30 [MPa]

### Min.oil quantity for brake releasing:

- 7~8 (cm<sup>3</sup>)

### Oil volume:

- 50~120 (cm<sup>3</sup>)

## Steering Unit



**BZZ series**

### Features:

- More safety and Reliable
- Operation smooth
- Function ON/OR/LS
- Without relief valve / shock valves / inlet check valve
- Valve Block can be added

### Applications:

- Tractor
- Harvester
- Wheeled excavator
- Loader
- Forklift
- Dump truck
- Port equipment

### Displacement:

- 50 (mL/r)
- 63 (mL/r)
- 80 (mL/r)
- 100 (mL/r)
- 125 (mL/r)
- 160 (mL/r)
- 200 (mL/r)
- 250 (mL/r)
- 280 (mL/r)
- 315 (mL/r)
- 400 (mL/r)
- 500 (mL/r)
- 630 (mL/r)
- 800 (mL/r)
- 1000 (mL/r)



**101 series**

### Features:

- More safety and Reliable
- Operation smooth
- Function ON/OR/LS/CN
- Without relief valve / shock valves / inlet check valve
- Priority Valve Block can be added

### Applications:

- Tractor
- Harvester
- Wheeled excavator
- Loader
- Forklift
- Dump truck
- Port equipment

### Displacement:

- 50 (mL/r)
- 63 (mL/r)
- 80 (mL/r)
- 100 (mL/r)
- 125 (mL/r)
- 160 (mL/r)
- 200 (mL/r)
- 250 (mL/r)
- 280 (mL/r)
- 315 (mL/r)
- 400 (mL/r)
- 500 (mL/r)



**101S series**

### Features:

- More safety and Reliable
- Operation smooth
- Function ON/OR/LS
- With relief valve / shock valves / inlet check valve
- Priority Valve Block can be added

### Applications:

- Tractor
- Harvester
- Wheeled excavator
- Loader
- Forklift
- Dump truck
- Port equipment

### Displacement:

- 50 (mL/r)
- 63 (mL/r)
- 80 (mL/r)
- 100 (mL/r)
- 125 (mL/r)
- 160 (mL/r)
- 200 (mL/r)
- 250 (mL/r)
- 280 (mL/r)
- 315 (mL/r)
- 400 (mL/r)
- 500 (mL/r)



**109 series**

### Features:

- Small and exquisite structure
- With integrated check valve, relief valve and shock valves
- Operation smooth
- Function ON
- With relief valve / shock valves / inlet check valve

### Applications:

- Mini Forklift
- Mini Tractor
- Mini Earthmoving Machinery
- Mini municipal vehicle

### Displacement:

- 20 (mL/r)
- 32 (mL/r)
- 40 (mL/r)
- 50 (mL/r)
- 63 (mL/r)
- 80 (mL/r)

## Valve

| SERIES                                                                                     | DISPLACEMENT | OPERATING PRESSURE (MAX) | SPOOL |
|--------------------------------------------------------------------------------------------|--------------|--------------------------|-------|
|  P40  | 40 L/min     | 250 Bar                  | 1-7   |
|  P80  | 80 L/min     | 250 Bar                  | 1-7   |
|  P120 | 120 L/min    | 250 Bar                  | 1-7   |