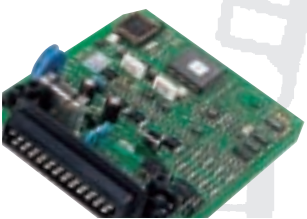
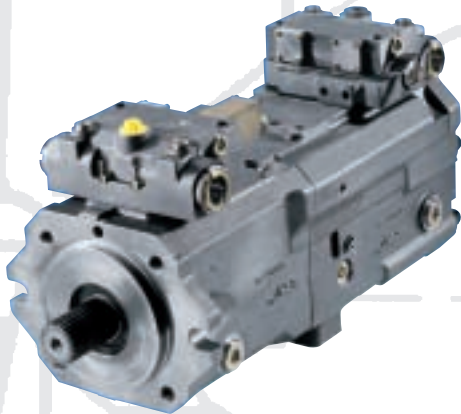
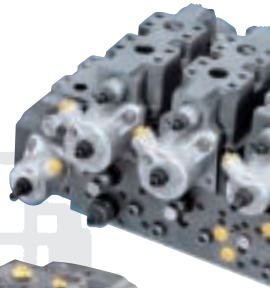


**EDITION V**

# MODEL CODES



*Linde*

**Linde Hydraulics Corporation**

**P.O. Box 82  
5089 Western Reserve Road  
Canfield, Ohio 44406**

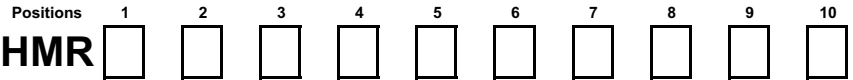
**Telephone: (330) 533-6801**

**Fax: (330) 533-8383**

**[www.lindeamerica.com](http://www.lindeamerica.com)**

**E-mail: [info@lindeamerica.com](mailto:info@lindeamerica.com)**

# Model Code for HMR -02 Series Pressure Regulated Motors



Example: **HMR**

FRAME SIZE				
55	75	105	135	165
●	-	-	-	-
-	●	-	-	-
-	-	●	-	-
-	-	-	●	-
-	-	-	-	●

## 1 DISPLACEMENT

- 055 - 54.7 cc/r (3.33 cir)
- 075 - 75.9 cc/r (4.63 cir)
- 105 - 105 cc/r (6.41 cir)
- 135 - 135.6 cc/r (8.27 cir)
- 165 - 165 cc/r (10.07 cir)

●	●	●	●	●
○	○	○	○	○
○	○	○	○	○

## 2 CONTROL

- R - System Pressure Regulating Control
- L - Regulator for Two Position Control (Default to Max, Shift to Min.)
- H - Regulator for Two Position Control (Default to Min, Shift to Max.)

●	●	●	●	●
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○

## 3 CONTROL OPTION

- B - Bi-Directional Regulator Shuttle
- UA - Uni-Directional, Pressure Port "A" is Regulated
- UB - Uni-Directional, Pressure Port "B" is Regulated
- N - None (External Feed to Regulator)

●	●	●	●	●
○	○	○	○	○
●	●	●	●	●
○	○	○	○	○
○	○	○	○	○

## 4 DISPLACEMENT OVERRIDE

- E - Electric (Specify Voltage in Pos. 5 & Connector in Pos. 6)
- H - Hydraulic (High Pressure)
- L - Hydraulic (Low Pressure, 20-30 bar (290-435 psi))
- P - Pneumatic
- X - Not Applicable

●	●	●	●	●
●	●	●	●	●
○	○	○	○	○

## 5 VOLTAGE

- 1 - 12 Volt DC (E Displacement Override Only, Pos. 4)
- 2 - 24 Volt DC (E Displacement Override Only, Pos. 4)
- X - Not Applicable (H, L, P, or X Displacement Override, Pos. 4)

○	○	○	○	○
●	●	●	●	●
○	○	○	○	○

## 6 CONNECTOR TYPE

- A - AMP Junior-Timer (E Displacement Override Only, Pos. 4)
- H - Hirschmann (E Displacement Override Only, Pos. 4)
- X - Not Applicable (H, L, P, or X Displacement Override, Pos. 4)

1 bar = 14.5 psi				
●	●	●	●	●

## 7 REGULATION BEGIN

\_\_\_ - Specify Setting in BAR.

●	●	●	●	▲
▲	▲	▲	▲	●

## 8 PORTING

- D - Metric Straight Thread Flat Face Port (DIN 3852)
- I - Metric Straight Thread O-Ring Port (ISO 6149)

NOTE: High Pressure Work Ports "A" and "B" are SAE Code 62 with Metric Threads (ISO 6162).

●	●	●	-	-
-	-	-	●	●
-	-	○	○	▲

## 9 MOUNTING

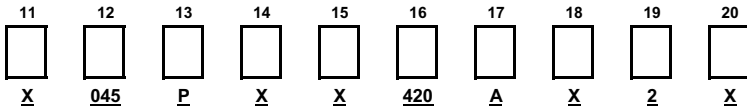
- C - SAE C, 2-Bolt
- D - SAE D, 2-Bolt
- P - Plug-In

All Shafts are ANSI B92.1				
●	○	-	-	-
-	-	○	○	●
○	●	-	-	-
-	-	●	-	-
-	-	-	●	▲

## 10 SHAFT

- C - SAE C 14T, 12/24 dP
- D - SAE D 13T, 8/16 dP
- H - ANSI 21T, 16/32 dP
- 23T, 16/32 dP
- 27T, 16/32 dP

# Model Code for HMR -02 Series Pressure Regulated Motors



S = \_\_\_\_\_  
 (Only when "S" is selected in pos. 20. Specify requirement(s)). Otherwise omit "S ="

## 20 SPECIALS

X - None  
 S - Call out requirement in clear text or use specified code from factory.

FRAME SIZE				
55	75	105	135	165
●	●	●	●	●
c	c	c	c	c

## 19 PRODUCTION LEVEL

2 - Assigned at Factory

●	●	●	●	●
---	---	---	---	---

## 18 COUNTER BALANCE VALVE

X - None  
 T - Track Applications  
 W - Wheel Applications

DECELERATION VALVE				
●	●	●	●	●
-	○	○	○	-
-	○	○	○	-

## 17 PORT ORIENTATION

A - Radial Ports (Side)  
 B - Axial Ports (Rear)

●	●	●	●	○
○	○	○	○	●

## 16 CROSS OVER RELIEF (COR)

X - Not Applicable with B, C, & O Purge (Pos. 13)  
 \_\_\_ - Specify setting in bar. (For P Only in Pos.13)

1 bar = 14.5 psi				
●	●	●	●	●
○	○	○	○	○

## 15 PURGE FLOW

N - Normal (Open Loop - ~4 lpm (~1 gpm),  
 Closed Loop - ~10 lpm (~2.6 gpm))  
 R - 50% Reduced (Closed Loop Only)  
 X - None (Only applies when "X" is selected in Pos. 14)

●	●	●	●	●
○	○	○	○	○
○	○	○	○	○

## 14 PURGE RELIEF

10 - 10 bar (145 psi) - (Closed Loop Only)  
 14 - 14 bar (203 psi) - (Closed Loop Only)  
 5 - 5 bar (73 psi) - (Open Loop)  
 X - Without Purge Relief Valve

●	●	●	●	●
○	○	○	○	○
●/○	●/○	●/○	●/○	●/○
○	○	○	○	○

## 13 PURGE / FLUSHING

B - Blocked  
 C - Closed Loop (Purge Relief - 10 bar)  
 O - Open Loop (Flow Control - 5 bar)  
 P - Plain (Without purge)  
 (Use with Cross Over Relief. Pos. 16)

○	○	○	○	○
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●

## 12 MIN DISPLACEMENT

\_\_\_ - Specify Setting in cc/rev.

1 cc/rev = 0.061 cir				
●	●	●	●	●

## 11 MAX DISPLACEMENT

X - Standard Setting. (Unit Not Destroyed.)  
 \_\_\_ - Specify Setting in cc/rev.

1 cc/rev = 0.061 cir				
●	●	●	●	●
○	○	○	○	○

- = Standard
- = Option
- c = Special, Consult Factory
- = Not Available
- \* = With Restriction(s)
- ▲ = In Development. Consult Factory.