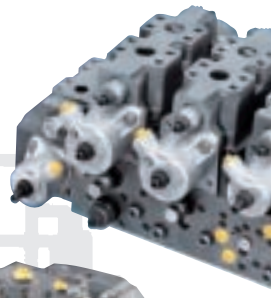
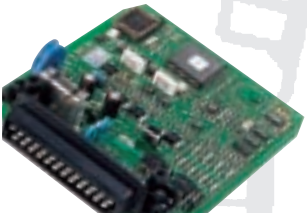
EDITION V

MODEL CODES





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Model Code for HPR -02 Series Regulating Open Loop Pumps

Positions	1	2	3	4	5	6	7	8
HPR								
Example:	**HPR**	**075**	**S**	**R**	**I**	**LP**	**X**	**X**	**C**

FRAME SIZE					
55	75	105	105D	135	210
●	-	-	-	-	-
-	●	-	-	-	-
-	-	●	-	-	-
-	-	-	●	-	-
-	-	-	-	●	-
-	-	-	-	-	●

1 DISPLACEMENT

055 - 54.8 cc/r (3.35 cir)
075 - 75.9 cc/r (4.63 cir)
105 - 105 cc/r (6.41 cir)
105D - 105(x2) cc/r (12.81 cir)
135 - 135.6 cc/r (8.27 cir)
210 - 210 cc/r (12.81 cir)

-	●	●	❍	●	●
●	●	●	●	●	-

2 SPU

S - SPU
X - Without SPU

Viewed from Input Shaft End.					
●	●	●	●	●	●
●	●	●	-	●	●

3 ROTATION

R - Right (CW)
L - Left (CCW)

●	●	●	●	●	-
c	●	●	●	●	●

4 CONTROL PORTS

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

All Ports, Excluding "P" (Discharge) and "S" (Suction). "P" Port is SAE Code 62. "S" Port is SAE Code 61. Both w/ Metric Threads. (ISO 6162)

*NOTE: All Unit Case Drain Ports (L) and (U) are Metric Straight Thread Flat Face Port (DIN 3852), EXCEPT for 210 cc/rev Displaceme

●	●	●	●	●	●
●	●	●	●	●	●
-	❍*	-	-	-	▲
●	●	●	●	●	●
●	●	●	●	●	●
c	c	c	c	c	c

5 CONTROL TYPE

LP - Load Sense w/ Pressure Compensation
E1L - Load Sense w/ Power Mode Valve (Must specify pos. 6 and 7)
TL - Load Sense w/ Power Limiter (Specify HP and Speed setting in pos. 16)
LO - Load Sense Only (Pressure compensator canceled)
PO - Pressure Compensation Only (Load Sense canceled)
X - Special (Specify in pos. 16)

Must Specify w/ E1L Control.					
●	●	●	●	●	●
●	●	●	●	●	●
❍	❍	❍	❍	❍	❍

6 VOLTAGE

1 - 12 Volt DC (E1L control only.)
2 - 24 Volt DC (E1L control only.)
3 - No Solenoid. (Blanked off for remote control. E1L control only.)
X - Not Applicable

Must Specify w/ E1L Control.					
❍	❍	❍	❍	❍	●
●	●	●	●	●	❍

7 CONNECTOR TYPE

A - AMP Junior-Timer (Only for E1L control)
H - Hirschmann (Only for E1L control)
X - Not Applicable

●	●	●	-	-	-
-	-	-	-	●	-
-	-	-	-	-	●
-	-	-	●	❍	-
-	-	-	-	❍	-
-	-	-	-	-	❍
-	-	-	-	❍	-
-	-	-	●	❍	-
-	-	-	❍	-	-

8 MOUNTING

C - SAE C, 2-Bolt
D - SAE D, 2-Bolt
E - SAE E, 4-Bolt
P - Plug-In
D3 - SAE D Mount w/ SAE #3 Engine Mount
E3 - SAE E Mount w/ SAE #3 Engine Mount
P2 - Plug-In Mount w/ SAE #3 Engine Mount
P3 - Plug-In Mount w/ SAE #3 Engine Mount
P4 - Plug-In Mount w/ SAE #4 Engine Mount

Model Code for HPR -02 Series Regulating Open Loop Pumps

9	10	11	12	13	14	15	16
C	N380	X	X	B	B	2	X

S = _____

(Only when "S" is selected in pos. 16. Specify requirement(s)). Otherwise omit "S ="

FRAME SIZE					
55	75	105	105D	135	210
●	●	●	●	●	●
c	c	c	c	c	c

16 SPECIALS

X - None

S - Call out requirement in clear text or use specified code from factory.

15 PRODUCTION LEVEL

2 - Assigned at Factory

●	●	●	●	●	●

14 COUPLING - THROUGH DRIVE

		All Splines are ANSI B92.1					
X -	No Coupling	●	●	●	●	●	●
A -	SAE A 9T, 16/32 dP	❍	❍	❍	❍	❍	❍
B -	SAE B 13T, 16/32 dP	❍	❍	❍	❍	❍	❍
J -	SAE B-B 15T, 16/32 dP	❍	❍	❍	❍	❍	❍
C -	SAE C 14T, 12/24 dP	❍	❍	❍	❍	❍	❍
D -	SAE D 13T, 8/16 dP	-	-	-	-	❍	❍
F -	SAE F 15T, 8/16 dP	-	-	-	-	-	❍
S -	Special (Specify in pos. 16)	c	c	c	c	c	c

13 MOUNT - THROUGH DRIVE

A -	SAE A, 2-Bolt Mount	●	●	●	●	●	●
B -	SAE B, 2-Bolt Mount	❍	❍	❍	❍	❍	❍
C -	SAE C, 2-Bolt Mount	❍	❍	❍	❍	❍	❍
D -	SAE D, 2-Bolt Mount	-	-	-	-	❍	❍
E -	SAE E, 4-Bolt Mount	-	-	-	-	-	❍

12 MIN DISPLACEMENT

	1 cc/rev = 0.061 cir					
X -	Zero Minimum Displacement.	●	●	●	●	●	●
_ _ _ -	Specify Setting in cc/rev.	❍	❍	❍	❍	❍	❍

11 MAX DISPLACEMENT

	1 cc/rev = 0.061 cir					
X -	Standard Unit Setting.	●	●	●	●	●	●
_ _ _ -	Specify Setting in cc/rev.	❍	❍	❍	❍	❍	❍

10 COMPENSATOR (PCO)

Specify Spring Range and Setting in BAR.	Must Specify w/ LP or PO Control					
K_ _ _ - 82 to <125 bar (1190 - <1813 psi)	❍	❍	❍	❍	❍	❍
L_ _ _ - 125 to <230 bar (1813 - <3335 psi)	❍	❍	❍	❍	❍	❍
M_ _ _ - 230 to <350 bar (3335 - <5075 psi)	●	●	●	●	●	●
N_ _ _ - 350 to 420 bar (5075 - 6090 psi)	●	●	●	●	●	●

X - Not using pressure compensated control.

9 SHAFT

		All Shafts are ANSI B92.1					
C -	SAE C 14T, 12/24 dP	●	●	●	-	-	-
G -	SAE C-C 17T, 12/24 dP	-	-	❍	-	❍	-
D -	SAE D 13T, 8/16 dP	-	-	-	-	●	-
F -	SAE F 15T, 8/16 dP	-	-	-	-	-	●
H -	ANSI 21T, 16/32 dP	❍	❍	-	-	-	-
	23T, 16/32 dP	-	-	❍	●	-	-
	27T, 16/32 dP	-	-	-	-	❍	-

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