

## Mechanical Adjustable Speed Drive - Model Number

NMA	1	0	B	1	0	3	1	A	A	A	0	3	0
Input Code	Size Code	Reducer Code	Mounting Code	Speed Control Code	Main Motor	Motor Specification	Factory Use	Speed Adjustment	Environmental				
A	B	C	D	E	F	G	H	I	J				

### Input Code Ordering Code

RMA	1X C-Face Input
RXA	1X Shaft-In
NMC	2X C-Face Input
NXC	2X Shaft-In
NMA	3X-7X C-Face Input
NXA	3X-7X Shaft-In

### Size Code Ordering Code

90	1X, 0.125HP
02	2X, 0.25HP
04	2X, 0.5HP
05	3X, 0.75HP
07	3X, 1HP
10	4X, 1.5HP
15	4X, 2HP
22	5X, 3HP
37	6X, 5HP
55	7X, 7.5HP
75	7.5X, 10HP
91	8X, 15HP
95	8X, 20HP

### Reducer Code Ordering Code

00	No Reducer
--	See each Rating Table for detail

Note:  
Built-in Planetary or  
Built-in Circulate

Note:  
\* Consult Factory

### Mounting Code Ordering Code

0	Horizontal with Base
1	Output Shaft Down w/Flange
2	Output Shaft Up w/Flange
4	Output Shaft Down w/Base
5	Output Shaft Up w/Base
6	Horizontal with Flange
L	Wall Mount Left, Viewing from Output Shaft
R	Wall Mount Right, Viewing from Output Shaft
*	Special, please specify

### Motor Speed Control Code (Bolt Circle of moto in mm) Ordering Code

00	Manual Handwheel
10	Manual Handwheel w/MGS
11	Open Loop, PM 115VAC
12	Open Loop, w/MGS PM 115VAC
14	Open Loop, w/Auxillary Handwheel, PM 115VAC
15	Open Loop, w/MGS and Auxillary Handwheel, PM 115VAC
31	Closed Loop, w/MGS PM 115VAC
32	Closed Loop, w/MGS and Auxillary Handwheel, PM 115VAC
33	Closed Loop, w/Pot Feedback PM 115VAC
35	Closed Loop, w/Pot Feedback and Auxillary Handwheel PM 115VAC
40	Open Loop, EXP PM 115VAC
41	Open Loop, w/EXP MGS EXP PM 115VAC
42	Closed Loop, w/EXP MGS EXP PM 115VAC
43	Hand Wheel w/EXP MGS
*	Special, please specify

Note:  
PM: Pilot Motor  
MGS: Magnetic Sensor  
EXP: Explosion Proof

### Worm Position Code Codes 1-6 are for the R\_A-90 unit with integral worm reducer only

0	Right angle reducer not used
1	Vertical up on left
2	Vertical down on left
3	Vertical up on right
4	Vertical down on right
5	Horizontal on left, worm under
6	Horizontal on right, worm under
B	Horizontal on right, worm over
C	Horizontal on left, worm under
9	Special, requires description

### Main Motor Ordering Code

A	No Motor
B	1ph, 115/230VAC, 60Hz
C	3ph, 230/460VAC, 60Hz
*	Other, please specify

### Motor Specification Ordering Code

<b>Motor AA through AE are C-Face connected, 1750rpm</b>	
AA	No Motor
AB	TEFC
AC	Wash Down
AD	Explosion Proof
AE	Brake Motor
<b>Motor CB through CE are Top-mounted, 1750rpm</b>	
CB	TEFC
CC	Wash Down
CD	Explosion Proof
CE	Brake Motor
99	Other, please specify

### Speed Adjustment Ordering Code

0	800rpm top speed 533rpm w/1165rpm Input
3	600rpm top speed 400rpm w/1165rpm Input
4	1000rpm Top speed
*	Other, please specify

### Environmental Ordering Code

0	Standard
2	Washdown protection for Handwheel unit, includes Washdown Breather, V-Ring, Stainless Steel Sleeve under Oil Seal, and White Epoxy Painting
4	Washdown Breather only
5	Washdown protection for Electric Remote Control unit, includes Washdown Breather, V-Ring, Stainless Steel Sleeve under Oil Seal, and NEMA4 at PM, and White Epoxy Painting
6	NEMA 4 at PM
*	Other, please specify