

# ALUMINUM ROUND SPEED REDUCER (ALRN) NOMENCLATURE

P045FC02US-WB3-W-L



P	045	FC	02	U	S	-W	B3	-W	-L
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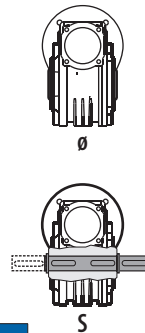
TYPE
P = Motor Flange
R = Input Shaft

SIZE	TORQUE
030	21Nm
045	345 lbf-in 41Nm
050	611 lbf-in 72Nm
063	1240 lbf-in 14Nm
085	2921 lbf-in

MOUNTING & FEET
FB = Standard (no feet)
PA = Worm Top (feet)
PB = Worm Bottom (feet)
PV = Worm Up (feet)
FC = Short Output Flange
FL = Long Output Flange
BR = Reaction (Torque) Arm

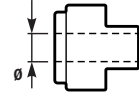
HOLLOW OUTPUT SHAFT BORE DIAMETER	
Size	Standard Bore Diameter (in)
030	C = 14mm
045	U = 0.750
	C = 18mm
050	U = 1.000
	C = 25mm
063	U = 1.125
	C = 25mm
085	U = 1.500

SOLID OUTPUT SHAFT
O = Hollow Output Shaft
S = Single Output Shaft



MOTOR FRAME SIZE
With Flange for Type P
W = 56C
X = 143/STC
Y = 182/4TC
A = 56 B5
B = 63 B5
C = 71 B5
D = 80 B5
E = 90 B5
O = 56 B14
P = 63 B14
Q = 71 B14
R = 80 B14
T = 90 B14
U = 100/112 B14
Z = For Type R

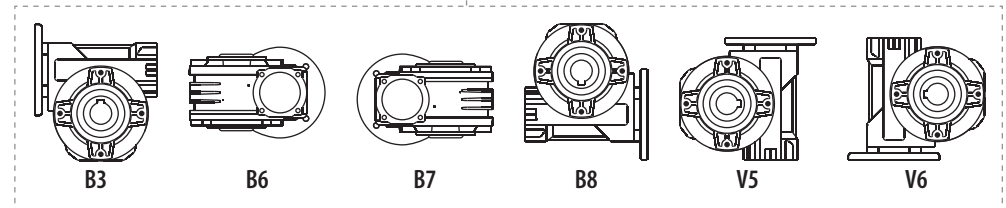
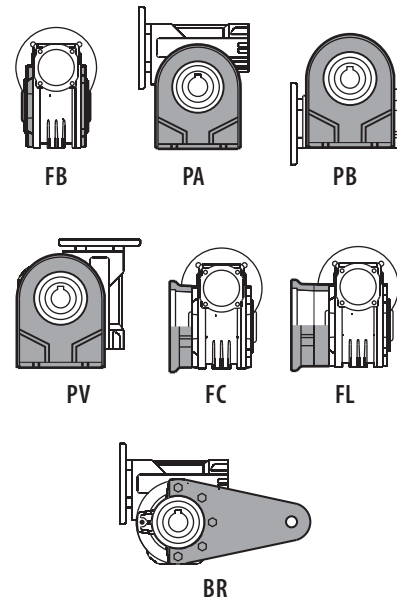
STANDARD MOUNTING POSITION
B3 = Worm Top
B6 = DR Drive Right
B7 = DL Drive Left
B8 = Worm Bottom
V5 = Worm Up (input up)
V6 = Worm Down (input down)

INPUT COUPLING (in)
Coupling*

W = ø0.625" Integral Coupling 56C
X = ø0.875" Integral Coupling 140TC
Y = ø1.125" Integral Coupling 180TC
A = IEC56
B = IEC63
C = IEC71
D = IEC80
E = IEC90
F = IEC100/112
ST = Standard Type R

\*Quill available upon request

ASSEMBLY OF ACCESSORIES
Flange or Torque Arm
-L = Assy Left
-R = Assy Right

RATIO						
ALRN	SIZE					
	30	45	50	63	85	
CODE	RATIO					
09	5:1					
01	7:1	7:1	7:1	7:1	7:1	
02	10:1	10:1	10:1	10:1	10:1	
03	15:1	14:1	14:1	15:1	14:1	
04	20:1	21:1	18:1	19:1	20:1	
05	30:1	28:1	26:1	24:1	22:1	
12			30:1			
06	40:1	37:1	36:1	30:1	28:1	
07	61:1	46:1	43:1	36:1	38:1	
13			50:1	40:1		
08	80:1	60:1	60:1	45:1	46:1	
12				60:1		
09		70:1	68:1	67:1	52:1	
10	100:1	102:1	80:1	80:1	67:1	
11			100:1	94:1	74:1	
12					96:1	



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