

# ALUMINUM SQUARE SPEED REDUCER (ALSQ) NOMENCLATURE

PM45FC02US-WB3-W-L



<b>P</b>	<b>M45</b>	<b>FC</b>	<b>02</b>	<b>U</b>	<b>S</b>	<b>-W</b>	<b>B3</b>	<b>-W</b>	<b>-L</b>
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TYPE
P = Motor Flange

SIZE	TORQUE (lbf-in)
M45	416
M50	779
M63	1416

MOUNTING & FEET
FB = Standard
FC = Short Output Flange
FL = Long Output Flange
BR = Reaction (Torque) Arm

BORE SIZE OUTPUT SHAFT (in)
U = (Standard by Base)
M45 = $\varnothing 0.750$
M50 = 1.000
M63 = 1.125

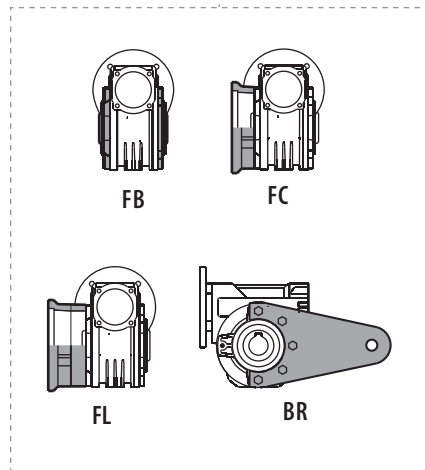
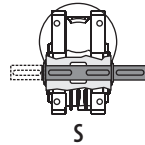
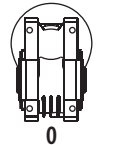
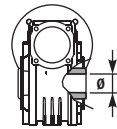
OUTPUT
0 = Hollow Output Shaft Standard Bore Diameter
S = Single Output Shaft

MOTOR FRAME SIZE
With Flange for Type P
-W = 56C
-X = 143/5TC
-Y = 182/4TC
-B = 63 B5
-C = 71 B5
-D = 80 B5
-E = 90 B5
-P = 63 B14
-Q = 71 B14
-R = 80 B14
-T = 90 B14
-U = 100/112 B14

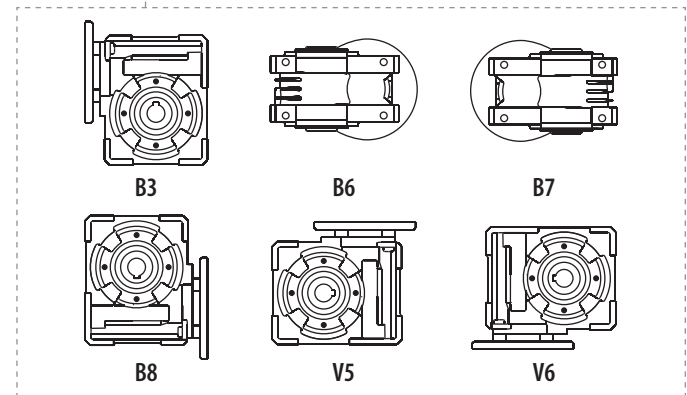
STANDARD MOUNTING POSITION
B3 = Worm Top
B6 = DL Drive Left
B7 = DR Drive Right
B8 = Worm Bottom
V5 = Worm Up (input up)
V6 = Worm Down (input down)

INPUT COUPLING (in)
Coupling*
-W = $\varnothing 0.625$ "
-X = $\varnothing 0.875$ "
-Y = $\varnothing 1.125$ "
-B = IEC63
-C = IEC71
-D = IEC80
-E = IEC90
-F = IEC100/112

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



ALSQ	RATIO		
	SIZE		
CODE	M45	M50	M63
	RATIO		
11	5:1		
14		5:1	
01	7:1	7:1	7:1
02	10:1	10:1	10:1
03	14:1	14:1	15:1
04	21:1	18:1	19:1
05	28:1	26:1	24:1
12		30:1	
06	37:1	36:1	30:1
07	46:1	43:1	36:1
13		50:1	40:1
08	60:1	60:1	45:1
12			60:1
09	70:1	68:1	67:1
10	102:1	80:1	80:1
11		100:1	94:1



\*Quill available upon request

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