# ALUMINUM SQUARE SPEED REDUCER (ALSQ) NOMENCLATURE PM45FC02US-WB3-W-L

**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



**ASSEMBLY** 

OF ACCESSORIES

Flange or Torque Arm

**-L** = Assy Left

-R = Assy Right

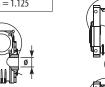
FC P M45 02 **B3** 

TYPE	SIZ	E	TORQUE
P = Motor Flange		(lbf-in)	
1 — Motor Hunge	M4	5	416
	M5	0	779
	M6	3	1416

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

#### **BORE SIZE OUTPUT SHAFT (in)**

**U** = (Standard by Base)  $M45 = \emptyset 0.750$ M50 = 1.000M63 = 1.125

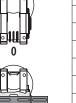


## OUTPUT

 $\mathbf{0} = \mathsf{Hollow}$ Output Shaft Standard Bore Diameter

**S** = Single Output Shaft





#### **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 — ø∩ 625″	

 $-X = \emptyset 0.875''$ 

 $-Y = \emptyset 1.125''$ 

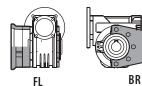
**-B** = IEC63 -**C** = IEC71

**-D** = IEC80 **-E** = IEC90

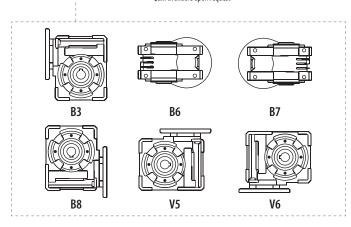
-F = IEC100/112\*Quill available upon request







RATIO						
ALSQ	SIZE					
	M45	M50	M63			
CODE	RATIO					
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			



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