ALUMINUM ROUND SPEED REDUCER (ALRN) NOMENCLATURE

P045FC02US-WB3-W-L

WINSMITH

P	045	FC	02	U	S	-W	B3	-W	-L

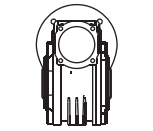
TYPE
P = Motor Flange
R = Input Shaft

SIZE	TORQUE
030	21Nm
045	345 lbf-in
	41Nm
050	611 lbf-in
	72Nm
063	1240 lbf-in
	147Nm
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

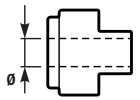
SOLID OUTPUT SHAFT
0 = Hollow Output Shaft
S = Single Output Shaft



S

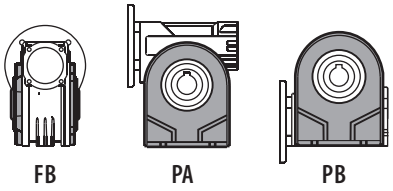
MOTOR FRAME SIZE
With Flange for Type P
W = 56C
X = 143/5TC
Y = 182/4TC
A = 56 B5
B = 63 B5
C = 71 B5
D = 80 B5
E = 90 B5
O = 56 B14
P = 63 B14
Q = 71 B14
R = 80 B14
T = 90 B14
U = 100/112 B14
Z = For Type R

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)

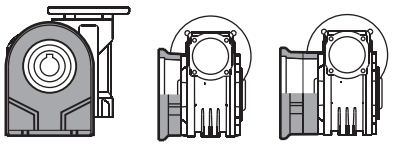
INPUT COUPLING (in)
Coupling*

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*

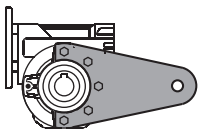
ASSEMBLY OF ACCESSORIES
Flange or Torque Arm
-L = Assy Left
-R = Assy Right



FB PA PB

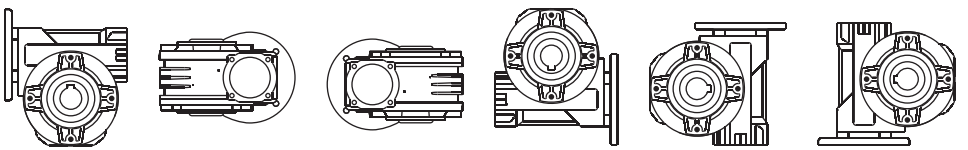


PV FC FL



BR

RATIO					
ALRN	SIZE				
	30	45	50	63	85
CODE	RATIO				
09	5:1				
11		5:1			
14			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



B3 B6 B7 B8 V5 V6

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