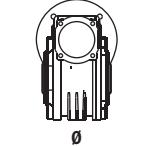
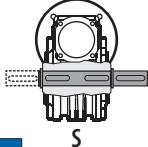
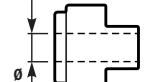
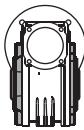
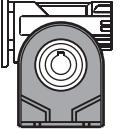
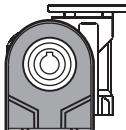
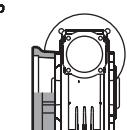
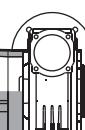
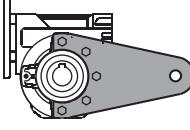
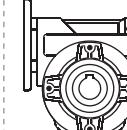
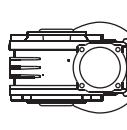
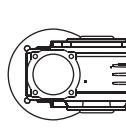
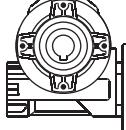
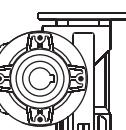
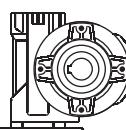


ALUMINUM ROUND SPEED REDUCER (ALRN) NOMENCLATURE

P045FC02US-WB3-W-L

 **WINSMITH**

P	045	FC	02	U	S	-W	B3	-W	-L																																																																																																												
TYPE P = Motor Flange R = Input Shaft	SIZE 030 045 050 063 085	TORQUE 21Nm 345 lbf-in 41Nm 611 lbf-in 72Nm 1240 lbf-in 14Nm 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 = 0.750 050 C = 18mm 050 U = 1.000 063 C = 25mm 063 U = 1.125 085 C = 25mm 085 U = 1.500	SOLID OUTPUT SHAFT Ø = Hollow Output Shaft S = Single Output Shaft  	MOTOR FRAME SIZE With Flange for Type P Ø = Hollow Output Shaft S = Single Output Shaft	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	ASSEMBLY OF ACCESSORIES Flange or Torque Arm -L = Assy Left -R = Assy Right																																																																																																												
 FB  PA  PB  PV  FC  FL  BR	RATIO <table border="1"> <thead> <tr> <th>ALRN</th> <th colspan="5">SIZE</th> </tr> <tr> <th></th> <th>30</th> <th>45</th> <th>50</th> <th>63</th> <th>85</th> </tr> </thead> <tbody> <tr> <td>CODE</td> <td colspan="5">RATIO</td> </tr> <tr> <td>09</td> <td>5:1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>01</td> <td>7:1</td> <td>7:1</td> <td>7:1</td> <td>7:1</td> <td>7:1</td> </tr> <tr> <td>02</td> <td>10:1</td> <td>10:1</td> <td>10:1</td> <td>10:1</td> <td>10:1</td> </tr> <tr> <td>03</td> <td>15:1</td> <td>14:1</td> <td>14:1</td> <td>15:1</td> <td>14:1</td> </tr> <tr> <td>04</td> <td>20:1</td> <td>21:1</td> <td>18:1</td> <td>19:1</td> <td>20:1</td> </tr> <tr> <td>05</td> <td>30:1</td> <td>28:1</td> <td>26:1</td> <td>24:1</td> <td>22:1</td> </tr> <tr> <td>12</td> <td></td> <td></td> <td>30:1</td> <td></td> <td></td> </tr> <tr> <td>06</td> <td>40:1</td> <td>37:1</td> <td>36:1</td> <td>30:1</td> <td>28:1</td> </tr> <tr> <td>07</td> <td>61:1</td> <td>46:1</td> <td>43:1</td> <td>36:1</td> <td>38:1</td> </tr> <tr> <td>13</td> <td></td> <td></td> <td>50:1</td> <td>40:1</td> <td></td> </tr> <tr> <td>08</td> <td>80:1</td> <td>60:1</td> <td>60:1</td> <td>45:1</td> <td>46:1</td> </tr> <tr> <td>12</td> <td></td> <td></td> <td></td> <td>60:1</td> <td></td> </tr> <tr> <td>09</td> <td></td> <td>70:1</td> <td>68:1</td> <td>67:1</td> <td>52:1</td> </tr> <tr> <td>10</td> <td>100:1</td> <td>102:1</td> <td>80:1</td> <td>80:1</td> <td>67:1</td> </tr> <tr> <td>11</td> <td></td> <td></td> <td>100:1</td> <td>94:1</td> <td>74:1</td> </tr> <tr> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td>96:1</td> </tr> </tbody> </table>	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	 B3  B6  B7  B8  V5  V6	*Quill available upon request
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