

# HELICAL BEVEL GEARBOX (HXB) NOMENCLATURE PX32SC02UBRN-WB3STL



<b>P</b>	<b>X32S</b>	<b>C</b>	<b>02</b>	<b>UB</b>	<b>BR</b>	<b>N</b>	<b>-W</b>	<b>B3</b>	<b>ST</b>	<b>L</b>
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**TYPE**  
P with Motor Flange

SIZE	TORQUE (LB-IN)
2 Stage	
X32S	797
X42A	1328
X52A	2213
X62A	3629
3 Stage	
X33S	885
X43A	1416
X53A	2213
X63A	3629

**OUTPUT**  
C = Hollow Output Shaft

**OUTPUT SHAFT DIAMETER (IN)**

Standard  
X32S/X33S  
UB =  $\phi 0.750$   
X42A/X43A  
UD =  $\phi 1.000$   
X52A/X53A  
UF =  $\phi 1.250$   
X62A/X63A  
UG =  $\phi 1.375$

**STANDARD MOUNTING**  
FB = Standard

BR = Reaction (Torque) Arm

-F = Output Flange

**OUTPUT FLANGE (IN)**  
N = Without Flange

X32S/X33S  
1 =  $\phi 4.724$   
X42A, X43A  
2 =  $\phi 6.299$   
X52A, X53A, X62A, X63A  
3 =  $\phi 7.874$

**INPUT SIZE (IN)**  
-W = 56C  
-X = 143/5TC  
-Y = 182/4TC

Flange

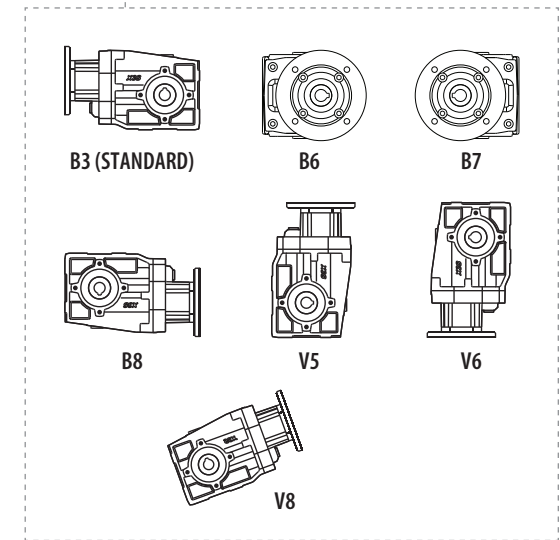
**MOUNTING POSITION**  
B3 = Worm Top  
B6 = DL Drive Left  
B7 = DR Drive Right  
B8 = Worm Bottom  
V5 = Worm Up (input up)  
V6 = Worm Down (input down)  
V8 = Worm Incline

**INPUT BORE (IN)**  
ST = Standard

Coupling

-W =  $\phi 0.625$   
-X =  $\phi 0.875$   
-Y =  $\phi 1.125$

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



RATIO									RATIO								
HXB	SIZE								HXB	SIZE							
	X32S	X33S	X42A	X43A	X52A	X53A	X62A	X63A		X32S	X33S	X42A	X43A	X52A	X53A	X62A	X63A
CODE	RATIO								CODE	RATIO							
01	7.33		7.29	50.35	6.03	56.76	6.03	56.76	11	32.97	95.65	32.88	150.18	37.57	178.96	37.57	178.96
02	11.22	36.17	11.20	55.22	9.26	65.79	9.26	65.79	12	38.37	101.23	38.12	177.30	48.68	193.36	48.68	193.36
03	13.26	44.21	13.18	59.92	11.36	77.23	11.36	77.23	13	45.00	127.37	44.89	210.42	54.33	216.84	54.33	216.84
04	15.37	50.68	15.27	65.72	15.36	87.23	15.36	87.23	14	50.67	151.16	50.34	230.79	74.81	252.36	74.81	252.36
05	18.04	55.36	17.93	71.78	17.46	92.18	17.46	92.18	15	58.73	178.46	58.58	272.47		290.67		290.67
06	20.30	60.31	20.25	79.44	19.97	100.47	19.97	100.47	16	77.55	211.79		323.37		333.23		333.23
07	21.54	65.88	21.40	92.08	23.60	116.45	23.60	116.45	17		231.37				383.82		383.82
08	23.53	72.25	23.47	95.03	24.45	125.82	24.45	125.82	18		273.16				446.70		446.70
09	27.62	79.64	27.55	126.55	30.69	141.66	30.69	141.66	19		324.18				589.85		589.85
10	29.40	92.31	29.21	133.15	35.35	163.16	35.35	163.16									

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