

HELICAL BEVEL GEARBOX (HXB) NOMENCLATURE PX32SC02UBBRN-WB3ST-L



P	X32S	C	02	UB	BR	N	-W	B3	ST	-L
---	------	---	----	----	----	---	----	----	----	----

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 = ø0.750

X42S/X43A

UD = ø1.000

X52S/X53A

UF = ø1.250

X62S/X63A

UG = ø1.375

STANDARD MOUNTING

FB = Standard

BR = Reaction (Torque) Arm

-F = Output Flange

OUTPUT FLANGE (IN)

N = Without Flange

X32S/X33S

1 = ø4.724

X42A, X43A

1 = ø6.299

X52A, X53A, X62A, X63A

2 = ø7.874

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 = ø0.625

-X = ø0.875

-Y = ø1.125

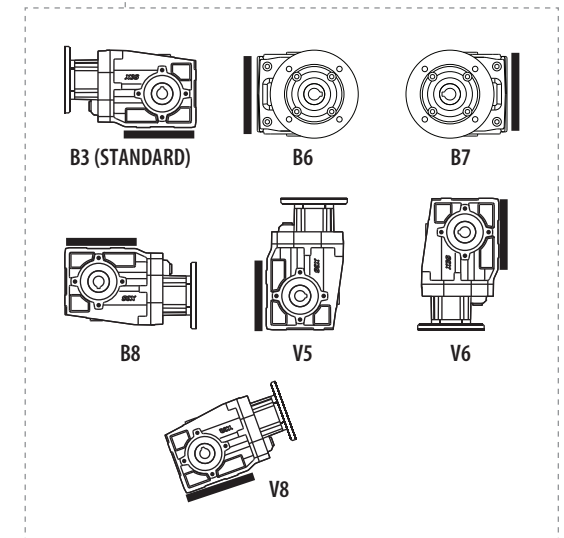
ASSEMBLY OF ACCESSORIES

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							
1	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
2	11.22	36.17	11.2	55.22	9.26	65.79	9.26	65.79	12	38.37	101.23	38.12	177.3	48.68	193.36	48.68	193.36
3	13.26	44.21	13.18	59.92	11.36	77.23	11.36	77.23	13	45	127.37	44.89	210.42	54.33	216.84	54.33	216.84
4	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
5	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
6	20.3	60.31	20.25	79.44	19.97	100.47	19.97	100.47	16		211.79		323.37		333.23		333.23
7	2.54	65.88	21.4	92.08	23.6	116.45	23.6	116.45	17		231.37				383.82		383.82
8	23.53	72.25	23.47	95.03	24.45	125.82	24.45	125.82	18		273.16				446.7		446.7
9	27.62	79.64	27.55	126.55	30.69	141.66	30.69	141.66	19		324.18				589.85		589.85
10	29.4	92.31	29.21	133.15	35.35	163.16	35.35	163.16									



WINSMITH | 716-592-9310 | © 2025 WINSMITH | www.winsmith.com

HBD Industries, Inc. and its subsidiaries are not responsible for possible errors in catalogs, brochures, websites and other materials, and may change such information without notice. Winsmith reserves the right to modify its products without notice, including products already on order, if the modified product meets any agreed-upon specifications. All trademarks in this material are the property of HBD Industries Inc., or its subsidiaries. All other trademarks are the property of their respective owners.