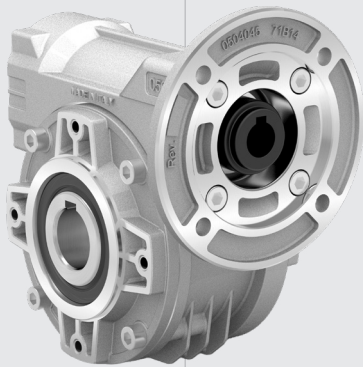


ALUMINUM WORM GEAR SPEED REDUCERS SHIP IN 1-3 DAYS

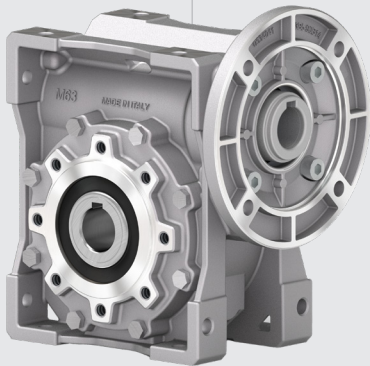
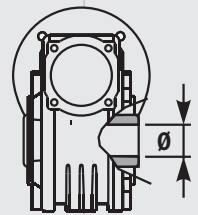
ALUMINUM ROUND (ALRN) AND SQUARE (ALSQ) SPEED REDUCERS

- Single-piece aluminum housing right-angle worm gearboxes
- Dimensionally interchangeable with other manufacturers
- Built to order with available stock inventory
- Standard NEMA and IEC input motor frames
- Mounting accessories assembled to configuration:
 - Mounting Feet
 - Output Flange
 - Single (Solid) Output Shaft
 - Reaction (Torque) Arm



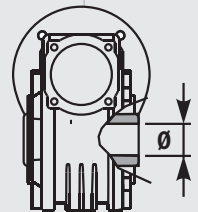
ALUMINUM ROUND SPEED REDUCER (ALRN)	
Sizes	030, 045, 050, 063 and 085
Ratio Range	5:1 to 102:1
Input Power (hp)	1/8 to 5
Output Torque (lbf-in)	177 to 2921

SIZE	TORQUE (lbf-in)	Ø BORE SIZE OUTPUT SHAFT (in)
030	177	0.551 (14mm)
045	345	0.750
050	611	1.000
063	1240	1.125
085	2921	1.500

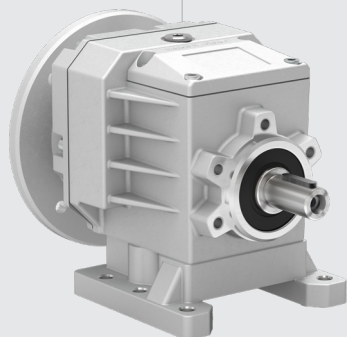


ALUMINUM SQUARE SPEED REDUCER (ALSQ)	
Sizes	45, 50 and 63
Ratio Range	7:1 to 102:1
Input Power (hp)	1/4 to 2
Output Torque (lbf-in)	416 to 1416

SIZE	TORQUE (lbf-in)	Ø BORE SIZE OUTPUT SHAFT (in)
45	416	0.750
50	779	1.000
63	1416	1.125



HELICAL INLINE AND HELICAL BEVEL SPEED REDUCERS SHIP IN 1-3 DAYS

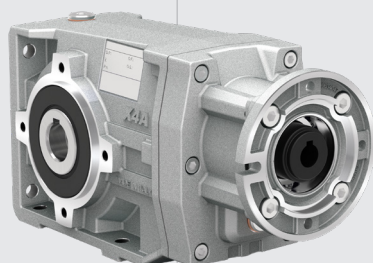
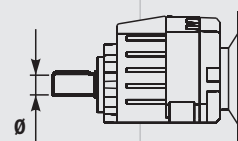


HELICAL INLINE GEARBOX (HXI)

- Full modularity designed gearbox
- NEMA C flange for optimized installation
- Built to order with available stock inventory
- Mounting accessories assembled to configuration
 - Output Flange and Mounting Feet

HELICAL INLINE GEARBOX (HXI)		
	Sizes	412A, 413A, 512A, 513A, 612A, 613A
Ratio Range	2 Stage	3.52 to 61.89
	3 Stage	38.4 to 480.16
	Input Power (hp)	¼ to 5
	Output Torque (lbf-in)	1460 to 4550

SIZE	TORQUE (lbf-in)	Ø DIAMETER OUTPUT SHAFT (in)
412A	1550	1.000
413A	1550	1.000
512A	3180	1.250
513A	3180	1.250
612A	4550	1.375
613A	4550	1.375

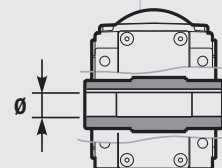


HELICAL BEVEL GEARBOX (HXB)

- Modular, compact and efficient drive system
- Built to order with available stock inventory
- Mounting accessories assembled to configuration
 - Output Flange and Reaction (Torque) Arm

HELICAL BEVEL GEARBOX (HXB)		
	Sizes	X32S, X33S, X42A, X43A, X52A, X53A, X62A, X63A
Ratio Range	2 Stage	6.03 to 74.81
	3 Stage	36.17 to 589.85
	Input Power (hp)	¼ to 10
	Output Torque (lbf-in)	797 to 3629

SIZE	TORQUE (lbf-in)	Ø BORE OUTPUT SHAFT (in)
2 Stage		
X32S	797	0.750
X42A	1328	1.000
X52A	2213	1.250
X62A	3629	1.375
3 Stage		
X33S	885	0.750
X43A	1416	1.000
X53A	2213	1.250
X63A	3629	1.375



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.

07/22/2025