

POWERFUL SUPER-SIZED



Model HB2103

Poweratio[®] 2000 HELICAL BEVEL DRIVES

Universal Design - Up to 130 H.P. - Our Largest Model Helical Bevel Available

High Strength Alloy Cast Iron Housing - Precision Carburized and Hardened Spiral Bevel and Crowned Helical Gearing

HB2103
Ratings @ 1750 RPM
Input 1.00 Service Factor

Ratio	Output Speed (RPM)	Input Power (HP)	Output Torque (in-lb)	Output OHL	Input OHL	Output Thrust
7.13	245	130.5	31500	5550	950	2775
8.14	215	123.4	34000	5600	950	2800
9.33	188	115.6	36500	5650	950	2825
11.36	154	97.8	37600	5750	950	2875
12.97	135	86.8	38100	6000	950	3000
14.86	118	115.5	58100	6850	950	3425
19.06	92	97.2	62700	6350	950	3175
23.10	76	81.5	63700	6900	950	3450
27.26	64	69.0	63700	7400	950	3700
29.07	60	64.7	63700	7700	950	3850
33.30	53	56.5	63700	8100	950	4050
42.73	41	45.0	65100	8200	950	4100
51.77	34	39.7	69500	8600	950	4300
61.11	29	34.2	70800	9500	950	4750
76.82	23	27.2	70800	10200	950	5100
84.94	21	24.6	70800	10900	950	5450
94.53	19	22.1	70800	11300	950	5650
106.05	17	19.7	70800	11900	950	5950
120.12	15	17.4	70800	12500	950	6250
137.71	13	15.2	70800	13000	950	6500

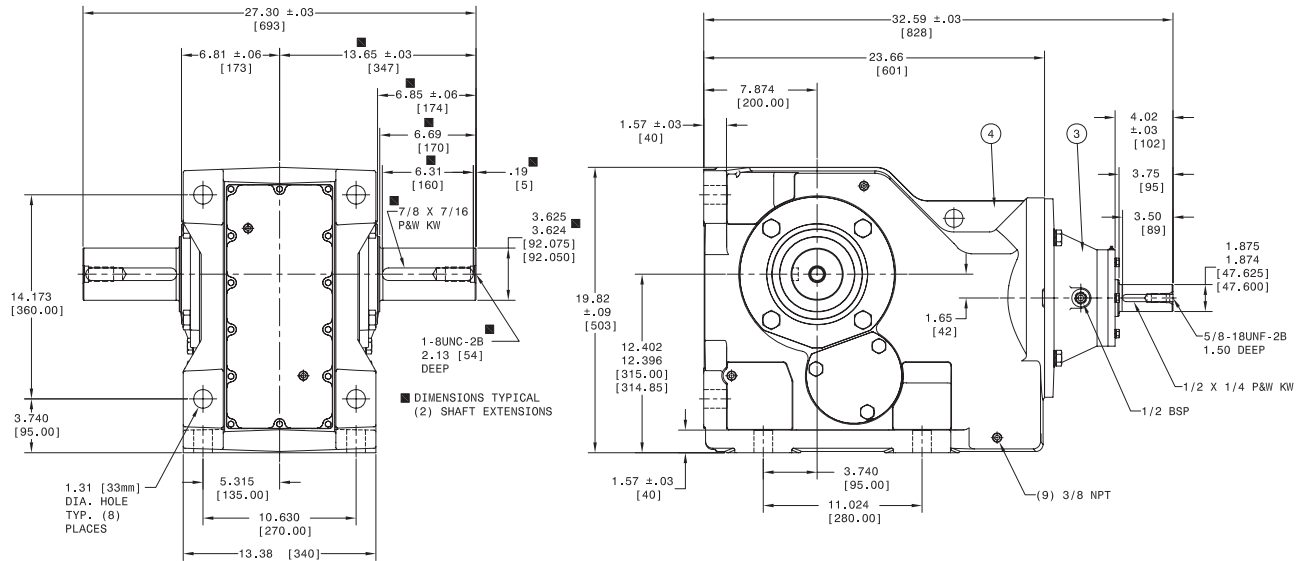


A Regal Beloit Company

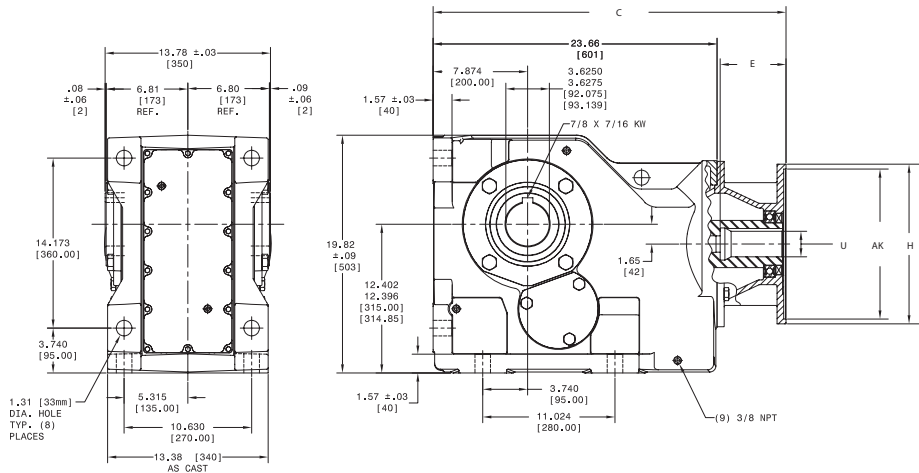
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Mechanically and Dimensionally Interchangeable with most major brands!

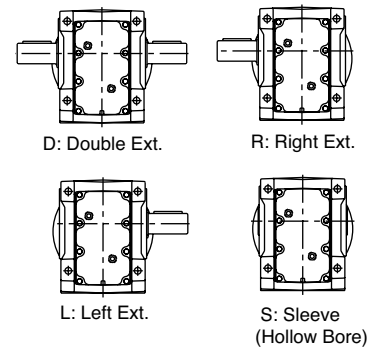
HB2103 Shaft Output Shown with Shaft Input



HB2103 Hollow Output Shown with C-Face Input



Output Styles



Motor Frames:

NEMA	C	E	H	AK	U
182TC	28.15	3.10	8.98	8.5	1.125
213TC	28.15	3.68	8.98	8.5	1.375
254TC	28.15	4.20	8.98	8.5	1.625
284TC	28.15	4.68	11.22	10.5	1.875
324TC	29.41	5.50	13.31	12.5	2.125
364TC	29.41	6.00	13.31	12.5	2.375

Ordering Description:

HB2103
 Input Configuration: **A** (Shaft Input)
 Output Style: **D** (Double Ext.)
 Ratio: **7.13**
 Mounting Position: **B3** (Horizontal, Floor Mount)

(Refer to page K-7 of EMs for additional mounting positions)



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