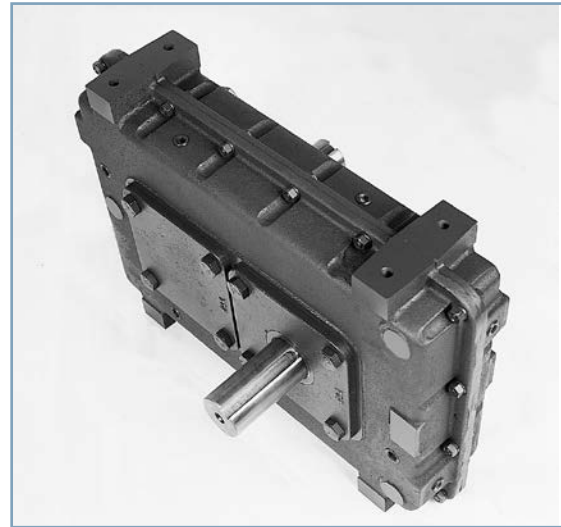


Hub City™ Parallel Shaft Drives

Model 290 – Single Reduction

Features

- Rugged cast iron housing designed for rigid gear and bearing support.
- Tapered roller bearings for endurance and strength.
- Choice of six (6) standard gear ratios.
- Case carburized alloy steel gearing for strength and long wear life.
- Helical gears for greater strength and lower noise level.
- Heavy-duty industrial seals to keep lubricant in and dirt out.
- Heat treated alloy steel shafting for greater strength and wear resistance.



SINGLE REDUCTION UNITS PROVIDE OPPOSITE DIRECTION OUTPUT ROTATION

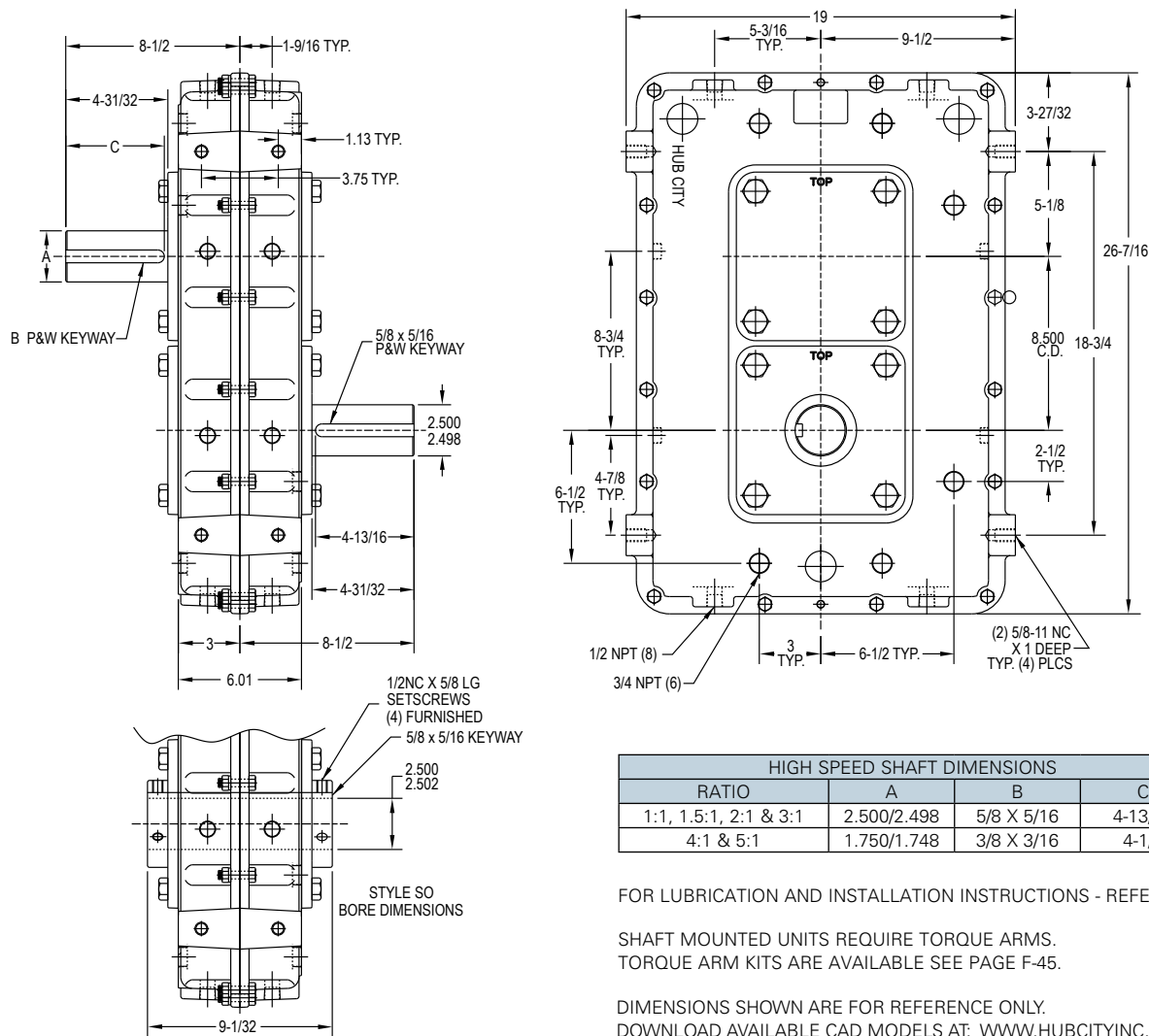
Rating Table

INPUT RPM		RATIOS					
		1:1 HELICAL	1.5:1 HELICAL	2:1 HELICAL	3:1 HELICAL	4:1 HELICAL	5:1 HELICAL
2400	INPUT HORSEPOWER	530.1	418.4	357.1	262.6	220.1	171.5
	OUTPUT RPM	2400	1600	1200	800	600	480
	OUTPUT TORQUE IN. LBS.	13920	16481.1	18754.6	20688.5	23117	22523.3
	(*) INPUT O.H.L.	740	746	982	1170	1212	1309
	(*) OUTPUT O.H.L.	695	1022	1188	1625	1790	2259
1750	INPUT HORSEPOWER	405.8	319.4	272	199.3	166.6	129.6
	OUTPUT RPM	1750	1166.7	875	583.3	437.5	350
	OUTPUT TORQUE IN. LBS.	14613.6	17254.4	19590.6	21535.5	24000	23334.7
	(*) INPUT O.H.L.	959	974	1185	1343	1392	1485
	(*) OUTPUT O.H.L.	903	1255	1457	1944	2145	2593
1150	INPUT HORSEPOWER	282.7	221.8	188.3	137.4	114.4	88.8
	OUTPUT RPM	1150	766.7	575	383.3	287.5	230
	OUTPUT TORQUE IN. LBS.	15495.4	18229.7	20637.9	22585.7	25086.4	24326.6
	(*) INPUT O.H.L.	1308	1340	1510	1620.7	1680	1765
	(*) OUTPUT O.H.L.	1237	1654	1890	2456	2715	3130
850	INPUT HORSEPOWER	217.1	169.8	143.9	104.7	87	67.4
	OUTPUT RPM	850	566.7	425	263.3	212.5	170
	OUTPUT TORQUE IN. LBS.	16095.4	18888	21340.4	23283.4	25802.9	24976.9
	(*) INPUT O.H.L.	1528	1582	1736	1851	1909	2004
	(*) OUTPUT O.H.L.	1521	1980	2252	2834	3107	3493
690	INPUT HORSEPOWER	180.5	141	119.3	86.6	71.2	55.6
	OUTPUT RPM	690	460	345	230	172.5	138
	OUTPUT TORQUE IN. LBS.	16490.2	19318.8	21798.1	23734.9	26000	25394.5
	(*) INPUT O.H.L.	1681	1751	1894	2012	2068	2170
	(*) OUTPUT O.H.L.	1740	2232	2532	3126	3410	3773
300	INPUT HORSEPOWER	85.2	66.1	55.7	40.1	30.9	24.8
	OUTPUT RPM	300	200	150	100	75	60
	OUTPUT TORQUE IN. LBS.	17892.4	20833.5	23394.9	25292.2	26000	26000
	(*) INPUT O.H.L.	2432	2555	2664	2798	2850	2978
	(*) OUTPUT O.H.L.	2818	3383	3751	4444	4857	5000
100	INPUT HORSEPOWER	30.6	23.4	19.8	13.8	10.3	8.3
	OUTPUT TORQUE	100	66.7	50	33.3	25	20
	OUTPUT TORQUE IN. LBS.	19298.8	22124	24950.8	26000	26000	26000
	(*) INPUT O.H.L.	3853	4007	4120	4273	4336	4476
	(*) OUTPUT O.H.L.	4355	5000	5000	5000	5000	5000
WR2 Referred to: (LBS.IN2)	HIGH SPEED SHAFT	566.8	842.1	1112.2	1839.2	2027.7	2410.2
	LOW SPEED SHAFT	566.8	374.3	278	182.1	126.7	96.4

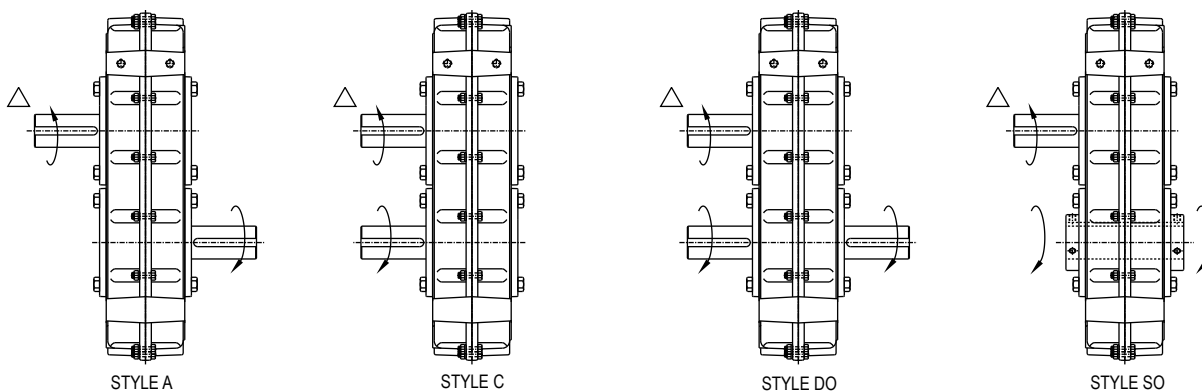
(*) OVERHUNG LOAD (LBS) AT CENTER OF SHAFT EXTENSIONS

Hub City™ Parallel Shaft Drives

Model 290 – Single Reduction



Standard Styles Available



△ INDICATES HIGH SPEED SHAFT. OTHER STYLES AVAILABLE.

CONSULT FACTORY FOR VERTICAL SHAFT LUBRICATION RECOMMENDATIONS

INPUT SHAFT CAN BE ROTATED IN EITHER DIRECTION

EMAIL: hubsales@regalbelloit.com • www.hubcityinc.com

