

Hub City™ Parallel Shaft Drives

Model 1 – Double Reduction

Features

- Rugged cast iron housing designed for rigid gear and bearing support.
- Alloy shafting and sleeves for greater strength.
- Ball bearings on all shafts.
- Choice of five (5) standard gear ratios.
- Heat treated alloy steel gearing for strength and long wear life.
- Heavy-duty industrial seals to keep lubricant in and dirt out.
- Shaft mount design for direct mounting on the drive shaft of equipment to be driven.
- Hub City lubricant recommended. (Refer to Section M)



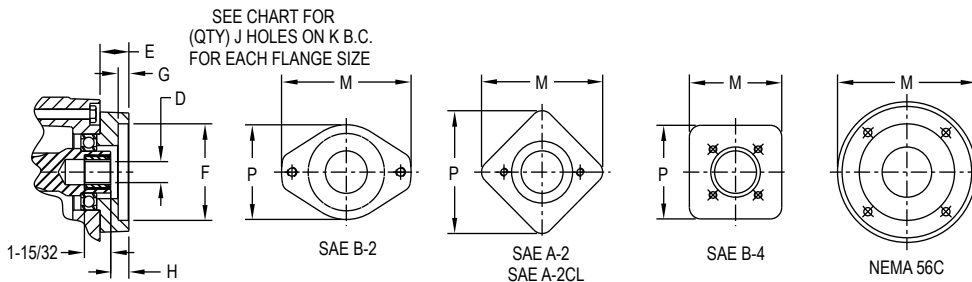
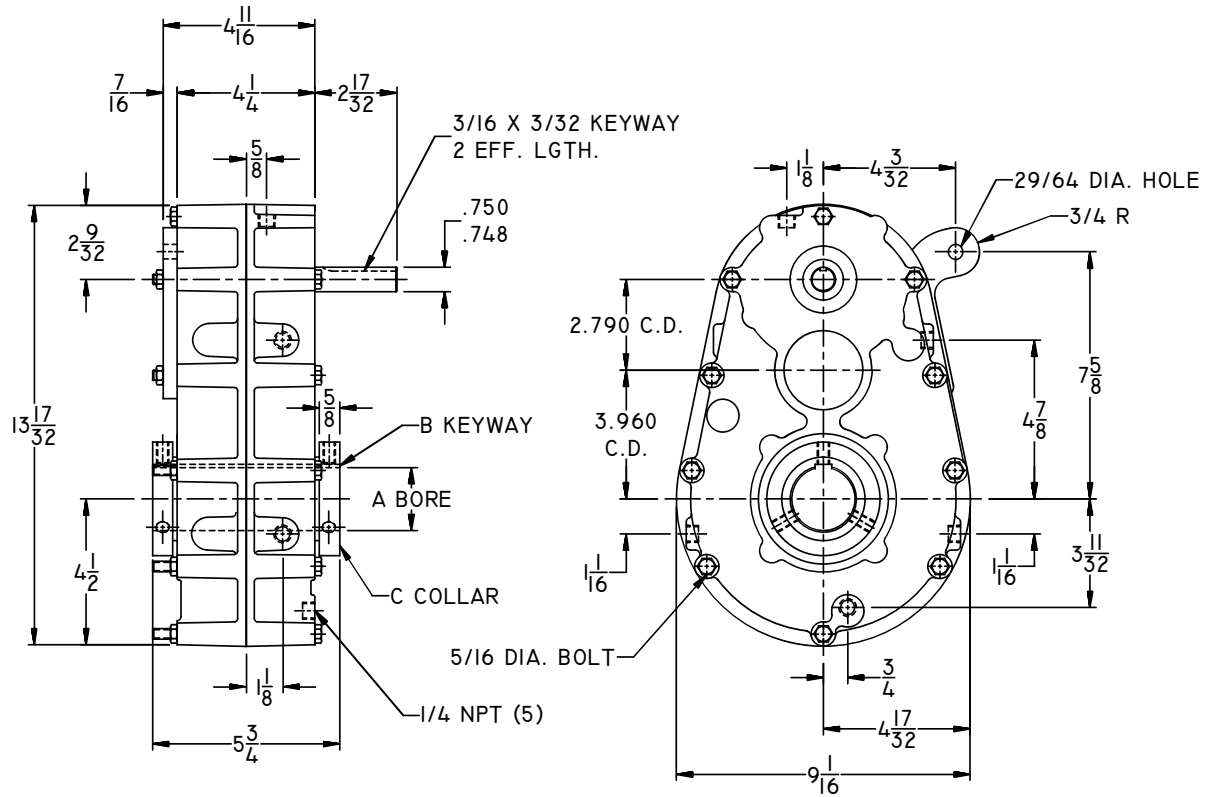
DOUBLE REDUCTION UNITS PROVIDE SAME DIRECTION OUTPUT ROTATION

Rating Table

INPUT RPM		RATIOS				
		10.37:1	15.06:1	19.87:1	25.46:1	48.42:1
1750	INPUT HORSEPOWER	11.6	8.4	6.9	5.7	3.3
	OUTPUT RPM	169	116	88	69	36
	OUTPUT TORQUE IN. LBS.	4241	4485	4873	5161	5559
1150	INPUT HORSEPOWER	8.2	6.3	4.9	4.0	2.2
	OUTPUT RPM	111	76	58	45	24
	OUTPUT TORQUE IN. LBS.	4571	5061	5265	5459	5625
850	INPUT HORSEPOWER	6.6	4.8	3.8	3.0	1.6
	OUTPUT RPM	82	56	43	33	18
	OUTPUT TORQUE IN. LBS.	4974	5294	5490	5575	5680
690	INPUT HORSEPOWER	5.6	4.0	3.1	2.5	1.3
	OUTPUT RPM	67	46	35	27	14
	OUTPUT TORQUE IN. LBS.	5179	5444	5565	5608	5714
100	INPUT HORSEPOWER	.90	.62	.47	.37	.19
	OUTPUT RPM	9.6	6.6	5.0	3.9	2.1
	OUTPUT TORQUE IN. LBS.	5760	5760	5760	5760	5760

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SHAFT MOUNTED UNITS REQUIRE TORQUE ARMS. TORQUE ARM KITS ARE AVAILABLE SEE PAGE F-45.

ADDITIONAL RATIOS, OUTPUT BORES AND INPUT BORES ARE AVAILABLE — CONSULT FACTORY.

DRY SHIPPING WEIGHT 60 LBS.

A BORE	B KEYWAY	C COLLAR
1.9375/1.9395	1/2 X 1/8 KW	(2) REQ'D
2.000/2.002	1/2 X 1/8 KW	(2) REQ'D
1.1875/1.1895	1/4 X 1/8 KW	NONE
1.250/1.252	1/4 X 1/8 KW	NONE
1.500/1.502	3/8 X 3/16 KW	NONE

DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

DOWNLOAD AVAILABLE CAD MODELS AT: WWW.HUBCITYINC.COM

FOR LUBRICATION AND INSTALLATION INSTRUCTIONS - REFER TO SECTION M.

OPTIONAL LOW SPEED BORE SIZES AVAILABLE
1-3/16, 1-1/4, 1-1/2, 2"

INPUT BUSHING SIZES			
D			
.625 DIA. - 3/16 X 3/32 KW	.875 DIA. - 3/16 X 3/32 KW	1.000 DIA. - 1/4 X 1/8 KW	1" - 6B SPLINE

FLANGE	E	COUNTERBORE F	G	H	(QTY) J HOLES	B.C. DIA. K	M	P
A-2	1-3/4	3.251 / 3.253	5/16	15/32	(2) 3/8 NC	4-3/16	5-1/2	5-1/2
A-2CL	1-3/4	3.251 / 3.253	3/16	15/32	(2) 1/2 NC	4-3/16	5-1/2	5-1/2
B-2	1-7/8	4.001 / 4.003	7/16	19/32	(2) 1/2 NC	5-3/4	6-7/8	5-1/4
B-4	1-7/8	4.001 / 4.003	7/16	19/32	(4) 1/2 NC	5	6-1/8	6-1/8
56C	2	4.502 / 4.504	3/16	23/32	(4) 13/32 DIA.	5-7/8	6-1/2	-