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ProGear AND TRANSMISSION

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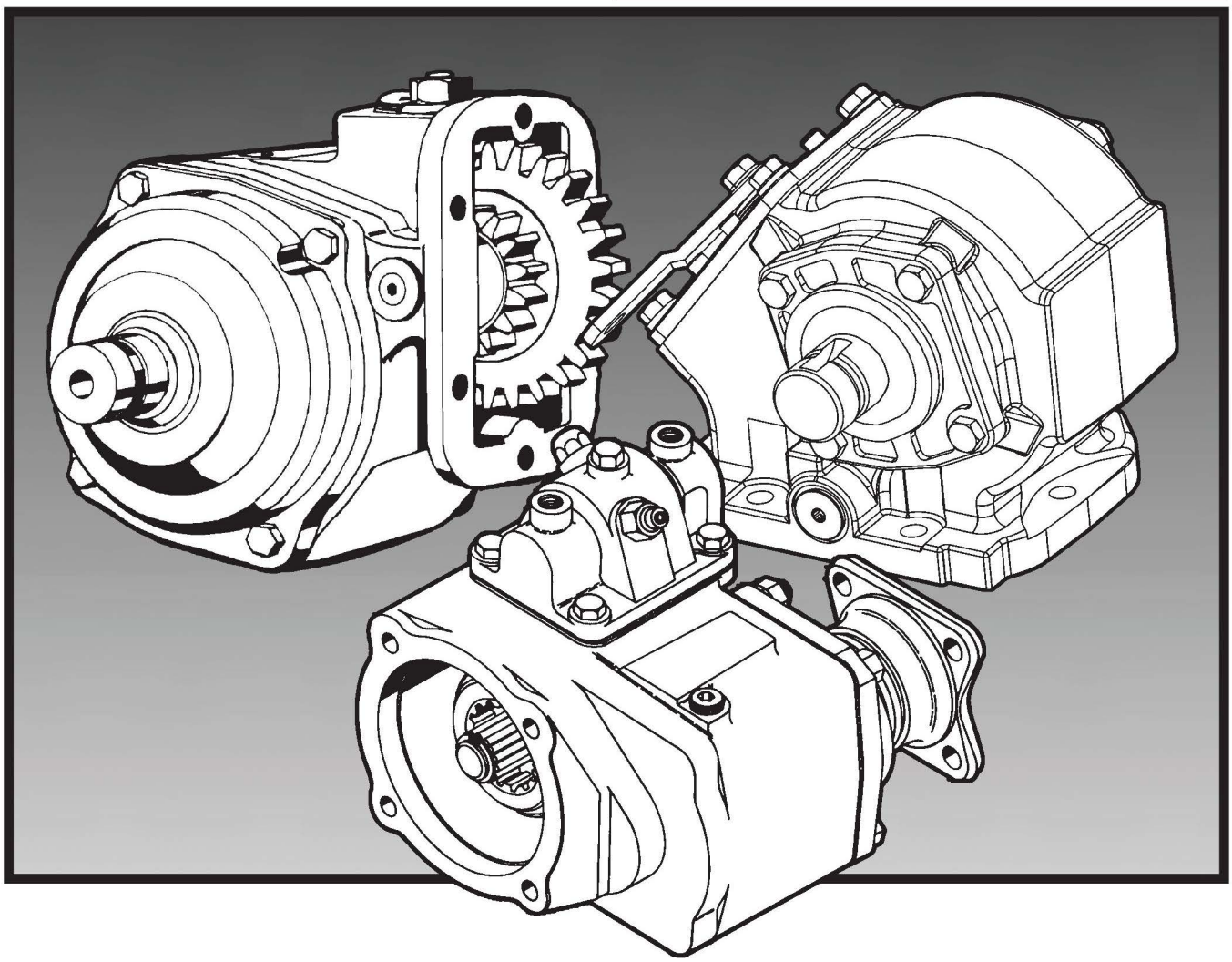
CHELSEA®

Bulletin HY25-2800-M1/US

Replacement Parts List
800 Series Manual

Effective: January 15, 2009
Supersedes: HY25-2800-M1/US Dated August 2004



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Chelsea Products Division
Olive Branch, MS 38654 USA

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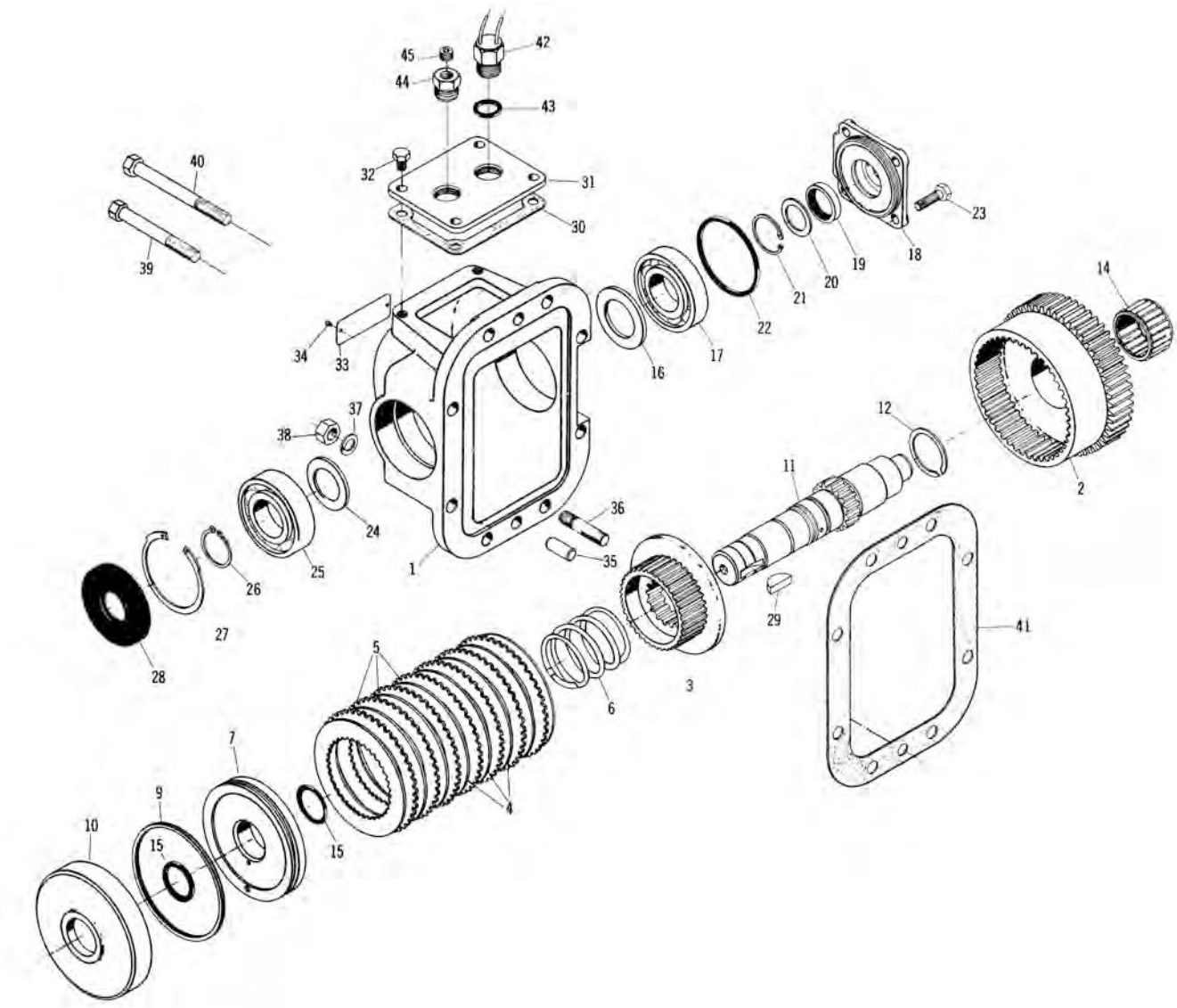

Assembly 3

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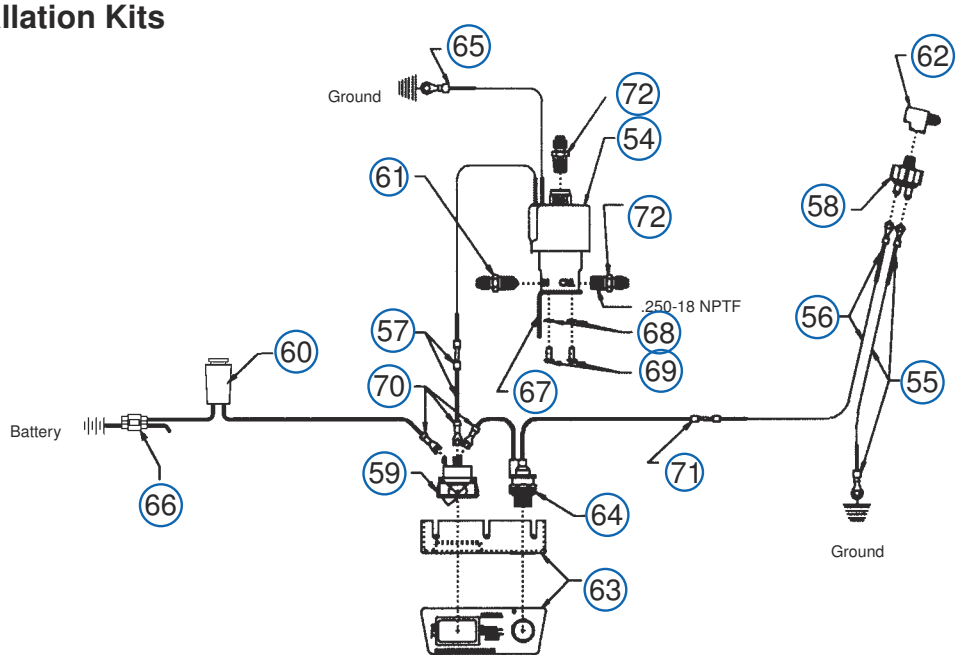
Item		Part Number	Description	Quantity
1		1-P-331	Housing, P.T.O.	1
2		2-P-477	Gear, Output Clutch	1
3	▶	2-P-458	Gear, Inner Clutch	1
4	▶	379485	Disc, Friction	8
5	▶	379595	Plate, Clutch	7
6	▶	37-P-39	Spring, Clutch	1
	▶	329179-1X	Piston and Back-up cylinder sub assembly	
7	▶	380057-1	Piston	1
9	▶	28-P-178	Ring, Block Vee	1
10	▶	379323-1	Cylinder, Clutch Back-up	1
11		3-P-814	Shaft, Drive (XC output) Ass'y 3	1
		See Chart Pg. 5	Shaft, Drive	
12	▶	379062	Ring, Retainer	1
14	▶	560918	Bearing, Roller	1
15	▶	28-P-244	O-Ring	2
16		31-P-87	Washer, Thrust (Ass'y 3)	1
	▶	31-P-74	Washer, Thrust (Ass'y 4)	1
		378098	Lockring (Ass'y 4)	1
17	▶	550010	Bearing, Ball	1
18		21-P-346	Cap, Bearing	1
19	▶	28-P-119	Seal, Oil	1
20	▶	378811	Back-up Plate, Oil Seal	1
21	▶	378849	Ring, Retainer	1
22	▶	28-P-246	O-Ring	1
23	▶	378430-10	Screw, Hex Head Cap (.321"-18 x .750")	4
24		4-P-116	Spacer (Ass'y 3)	1
25		560929	Bearing, Ball	1
26	▶	378391	Ring, Retainer	1
27	▶	378402	Ring, Retainer	1
28	▶	28-P-228	Seal, Oil	1
29	▶	500007-29	Key, Woodruff (XC Output)	1
		See Chart Pg. 5		
30	▶	35-P-8	Gasket, Cover Plate	1
31		34-P-105	Plate, Cover	1
32	▶	378430-8	Screw, Hex Head Cap (.321"-18 x .750")	4
33	▶	68-P-2	Plate, Name	1
34	▶	378422	Screw, Drive	2
	▶	328170-113X	Mounting Stud Kit	1
35	▶	378054	Pin, Dowel (.438" x 1")	2
36	▶	379424-21	Stud (.438"-14 & .438"-20 x 2.250")	4
37	▶	500357-12	Washer, (.438" Lock)	4
38	▶	379745	Flange Nut	4
39		378432-29	Capscrew (.438"-14 x 3.750")	2
40		378432-32	Capscrew (.438"-14 x 4.500")	2
	▶	328948-8X	Gasket & Installation Kit	1
41		35-P-15-1	Gasket, Mounting (.010)	AR
		35-P-15-2	Gasket, Mounting (.020)	AR
42		379327	Speed Sensor w/ E.O.C.	1
43	▶	28-P-171	O-Ring w/ E.O.C.	1
44	▶	379242	O-Ring Boss Plug w/ E.O.C.	1
	▶	379242	O-Ring Boss Plug w/o E.O.C.	2
45	▶	379231	Pipe Plug (.125"-27 w/ E.O.C.).	1
	▶	379231	Pipe Plug (.125"-27 w/o E.O.C.)	2
		328924-12X	Control Box, Speed Limiter (12v)	1 or
		328924-24X	Control Box, Speed Limiter (24v)	1
	▶	328929-12X	Electric Shift Installation Kit 12v w/ E.O.C. ("K")	1 or
	▶	328929-24X	Electric Shift Installation Kit 24v w/ E.O.C. ("L")	1 or
	▶	328715X	Electric Shift Installation Kit 12v Low Pressure, Allison ("B")	1 or
	▶	328749X	Electric Shift Installation Kit 24v Low Pressure, Allison ("D")	1
	▶	328075X	Pressure Lube Hose	1
			LOOSE PARTS	
	▶	328948-8X	Eight Bolt Gasket & Installation Instructions	1
			SERVICE KITS	
		328678-11X	Shaft & Retaining Ring Service Kit (Ass'y 3)	1
		328678-12X	Shaft & Retaining Ring Service Kit (Ass'y 4)	1

A.R.—As Required
*Included in 328170-113X P.T.O. Mounting Kit.

Shift Installation Kits



Item		Part Number	Description	Quantity
	▶	328715X	12V Shift Installation Kit (Includes items 54 thru 72)	1
	▶	328749X	24V Shift Installation Kit (Includes items 54 thru 72)	1
54	▶	379686-1	Solenoid Valve, 12 Volt for 328715X Kit	1
	▶	379686-2	Solenoid Valve, 24 Volt for 328749X Kit	1
55	▶	379254-14	Wire, Black w/Two Ring Connectors	1
56	▶	379254-13	Wire, Blue w/One Ring Connector	1
57	▶	379254-3	Wire, Green w/One Butt Connector	1
	▶	328963X	Parts Bag, 12 Volt Kit (328715X)	1
	▶	328964X	Parts Bag, 24 Volt Kit (328749X)	1
58		379547	Pressure Switch	1
59		378881	Rocker Switch	1
60	▶	379900	Fuse Holder, 10 Amp	1
61	▶	379449	Screened Adaptor, 1/4-18 NPT	1
62	▶	378966	Street Tee, Screened	1
63	▶	379336	Bracket	1
64	▶	378978	Indicator Light, 12V (Kits 328963X & 328715X)	1
	▶	379005	Indicator Light, 24V (Kits 328964X & 328749X)	1
65	▶	379253	Ring Connector	2
N.S.		379061	Wire Ties	6
66	▶	379257	Splice Connector	1
67	▶	379258	Bracket, Solenoid Mounting	1
68	▶	500357-7	Lock Washer (.188" I.D.)	2
69	▶	500457-6	Screw, Mounting (.190"-32 x .438")	2
70	▶	379306	Fork Connector	3
71	▶	379252	Butt Connector	1
72	▶	379280	Adaptor Fitting	2

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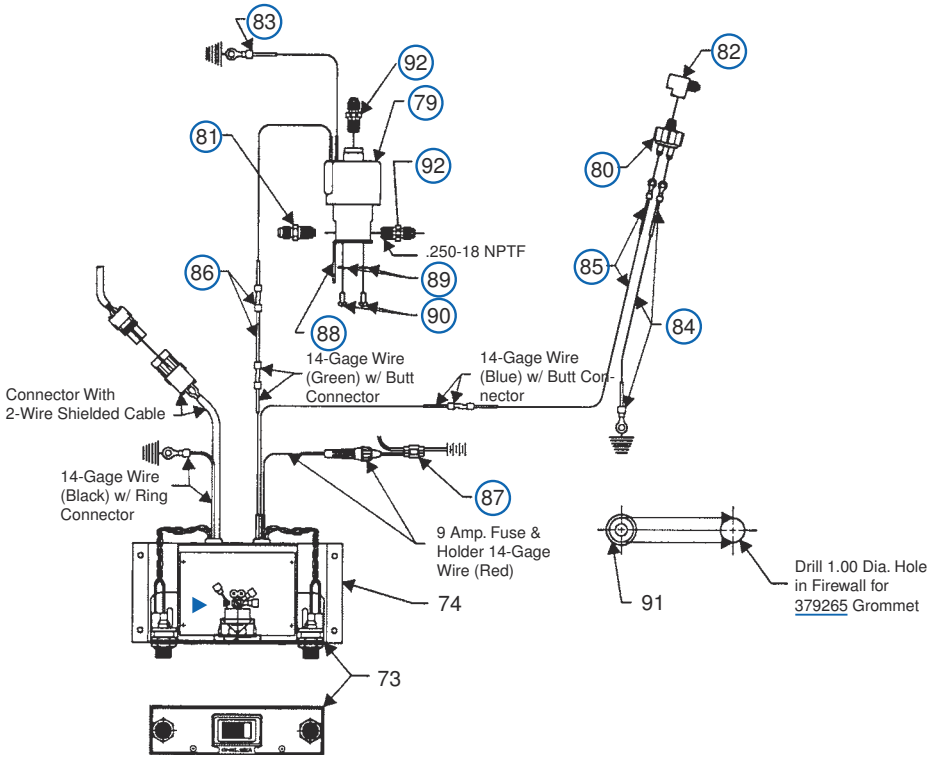
Electronic Overspeed Control



Item	Part Number	Description	Quantity
	328924-12X	12V E.O.C. (Includes Items 73 thru 78)	1
	328924-24X	24V E.O.C. (Includes Items 73 thru 78)	1
73	**328922-12X**	Control Box E.O.C. 12 volt	1
	328922-24X	Control Box E.O.C. 24 volt	1
74	**379244**	Bracket, E.O.C. Mounting	1
75	**328923-10X**	Connector Cable, 10 ft. Standard	1
	328923-5X	Connector Cable, 5 ft. Optional	1
	328931X	▶ Mounting Parts, E.O.C. Bracket	1
76	**500448-9**	▶ Screw (10-20)	4
77	**500357-7**	▶ Lockwasher	4
78	**500376-6**	Nut (10-24)	4
	328929-12X	▶12V E.O.C. Installation Kit (Includes Items 79 thru 92)	1
	328929-24X	▶24V E.O.C. Installation Kit (Includes Items 79 thru 92)	1
79	**379686-1**	▶ Solenoid Valve, 12V (for 328929-12X)	1
	379686-2	▶ Solenoid Valve, 24V (for 328929-24X)	1
80	**379547**	Pressure Switch	1
81	**379449**	▶ Screen Adaptor (1/4-18 NPT)	1
82	**378966**	▶ Street Tee, Screened	1
83	**379253**	▶ Ring Connector	1
84	**379254-14**	▶ Wire, Black w/Two Ring Connectors	1
85	**379254-13**	▶ Wire, Blue w/One Ring Connector	1
86	**379254-3**	▶ Wire, Green w/One Butt Connector	1
87	**379257**	▶ Splice Connector	1
88	**379258**	▶ Bracket, Solenoid Mounting	1
89	**500357-7**	▶ Lockwasher (.188" ID)	2
90	**500457-6**	▶ Screw, Mounting (.190"-32 x .438")	2
91	**379265**	▶ Grommet	1
92	**379280**	▶ Adaptor Fitting	2

Output Shaft Chart

Shaft Number	Output Type	Assembly Arrangement	Item #29 Key	Locknut
3-P-814	XC	3	500007-29	None
3-P-727	XC	4	500007-29	None
3-P-813	XZ	3	379111	379214
3-P-796	XZ	4	379111	379214

Model Number Designation

800 X M AK P – B 3 XC

BASIC MODEL
800

MOUNTING TYPE
X = Standard Mounting

GEAR RATIO
M = .326:1

INPUT GEAR DESIGNATOR

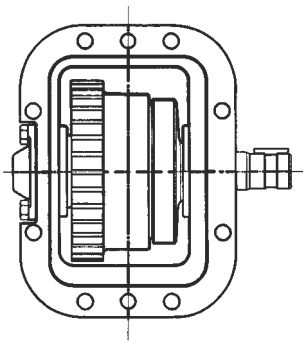
LUBRICATION
P = Pressure Lube

SHIFTER TYPE
B = 328715X 12V for Allison
K = 328929-12X 12V with E.O.C.
D = 328749X 24V for Allison
L = 328929-24X 24V with E.O.C.

ASSEMBLY ARRANGEMENT
3, 4

OUTPUT TYPE
XC = 1.250" Shaft
XZ = 1.250" Tapered Shaft

Assembly Arrangements



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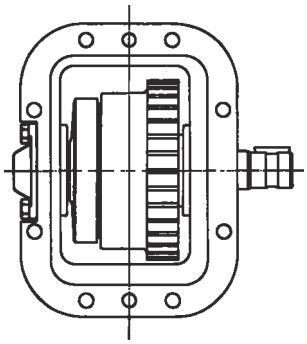

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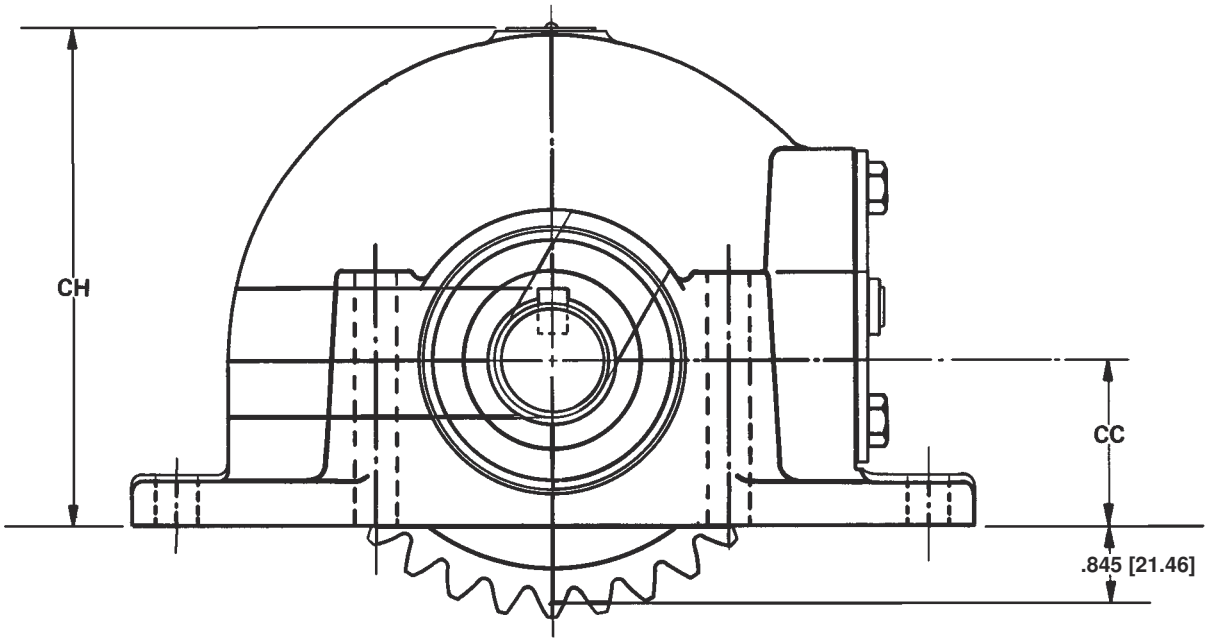
800 Series

CC Face of Case to Center Line of Output Shaft.....1.821" [46.25]
CH Face of Case to Extreme Horizontal Edge of Case (Clearance) .....5.48" [139.2]



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Notes

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2. Payment: Payment shall be made by Buyer net 30 days from the date of delivery of the items purchased hereunder. Amounts not timely paid shall bear interest at the maximum rate permitted by law for each month or portion thereof that the Buyer is late in making payment. Any claims by Buyer for omissions or shortages in a shipment shall be waived unless Seller receives notice thereof within 30 days after Buyer's receipt of the shipment.

3. Delivery: Unless otherwise provided on the face hereof, delivery shall be made F.O.B. Seller's plant. Regardless of the method of delivery, however, risk of loss shall pass to Buyer upon Seller's delivery to a carrier. Any delivery dates shown are approximate only and Seller shall have no liability for any delays in delivery.

4. Warranty: Seller warrants that the items sold hereunder shall be free from defects in material or workmanship for a period of:

(A) All Power Take-Off units 18 months from date of sale.

(B) Except 267, 269, 277, 278, 246, 247, 250, and 859 series two (2) years from date of installation. **THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HEREUNDER. SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY AND FITNESS FOR PURPOSE, WHETHER EXPRESS, IMPLIED, OR ARISING BY OPERATION OF LAW, TRADE USAGE, OR COURSE OF DEALING ARE HEREBY DISCLAIMED. NOTWITHSTANDING THE FOREGOING, THERE ARE NO WARRANTIES WHATSOEVER ON ITEMS BUILT OR ACQUIRED WHOLLY OR PARTIALLY, TO BUYER'S DESIGNS OR SPECIFICATIONS.**

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If a claim is based on information provided by Buyer or if the design for an item delivered hereunder is specified in whole or in part by Buyer, Buyer shall defend and indemnify Seller for all costs, expenses or judgments resulting from any claim that such item infringes any patent, trademark, copyright, trade dress, trade secret or any similar right.

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