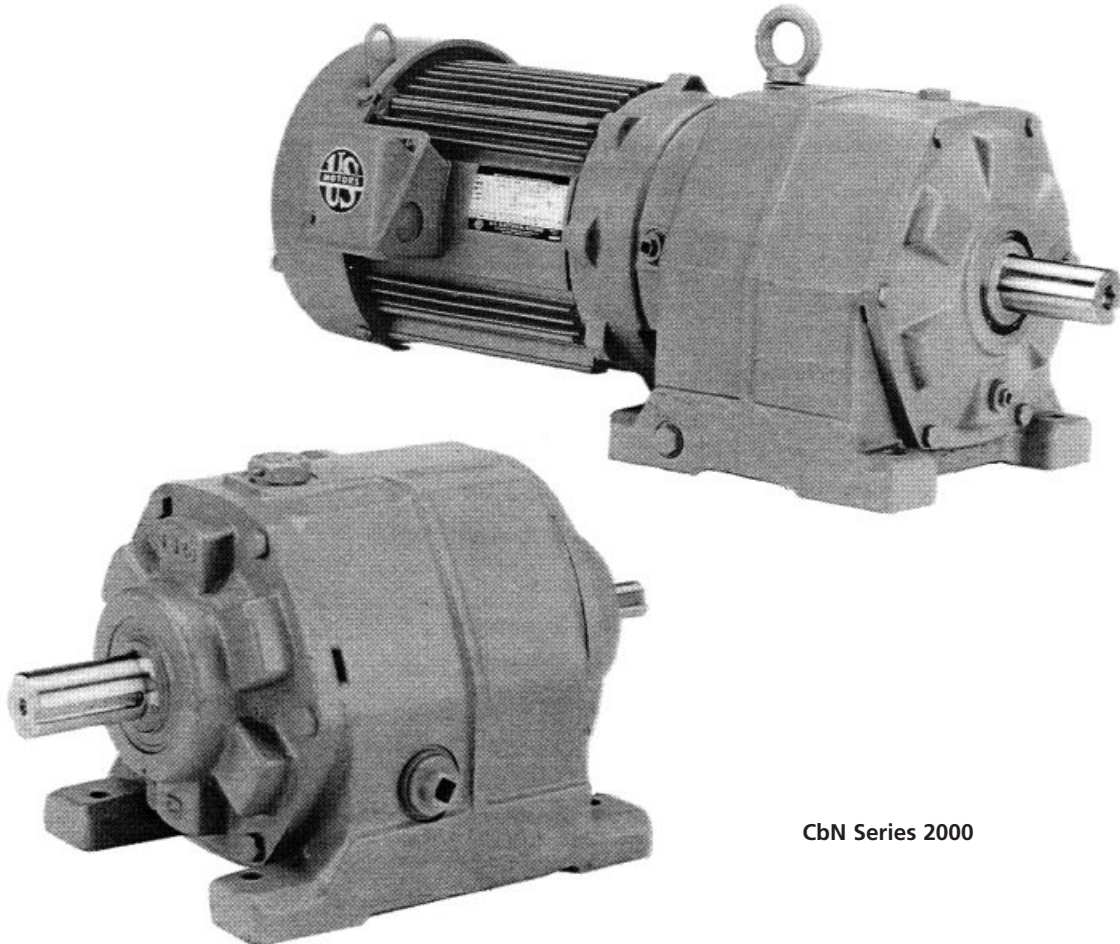




CbN Series 2000

Thank you for choosing CbN gearing products. Each CbN SERIES 2000 gearmotor or reducer is a high quality drive unit manufactured with the most modern materials, and is thoroughly tested prior to shipment. To ensure you obtain optimum life from the unit, read and follow these instructions.

SAFETY FIRST

High voltage and rotating parts can cause serious or fatal injury. Safe installation, operation and maintenance must be performed by qualified personnel. Familiarization with and adherence to NEMA MG2, the National Electric Code and local codes is recommended. It is important to observe safety precautions to protect personnel from possible injury. Personnel should be instructed to:

1. Avoid contact with energized circuits or rotating parts.
2. Disconnect all power sources before initiating any maintenance or repair.
3. Act with care in accordance with prescribed procedures in handling and lifting this equipment.
4. Be sure unit is electrically grounded in accordance with code requirements.
5. Be sure equipment is properly enclosed to prevent access by children or other unauthorized personnel in order to prevent possible accidents.
6. Be sure shaft key is fully captive before unit is energized.
7. Avoid contact with capacitors until safe discharge procedures have been completed.

8. Most units are shipped with oil. Always be sure oil lubricated units are filled with correct oil to proper level before operating.
9. Provide proper safeguards for personnel against rotating parts and applications involving high inertia loads which can cause overspeed.
10. Avoid extended exposure to equipment with high noise level.
11. Be familiar with the equipment and read all instructions thoroughly before installing or working on equipment.

INSTALLATION INSTRUCTIONS

START-UP

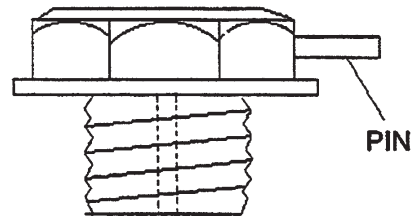
Before operating the reducer or gearmotor, the following must be done:

- Install the drive on a rigid and vibration-free surface.
- Remove the protective coating on the shaft and flange. Use solvent if necessary.
- Carefully install coupling, sheaves, sprockets, or pinions on shaft. Mount as close to the shaft shoulder as possible.
- It is preferable to use heat instead of force.
DO NOT HAMMER ON SHAFT!

- Check shaft alignment when using direct coupling.
- Check shaft parallelism when using belt or chain drive.

CAUTION: Refer to belt manufacturer's recommendation for belt tension.
(Tension should not be applied on chain drives)

- Check oil level in oil lubricated reducer.
- Install breather plug in the plug hole per recommendations shown on page (4). **Remove pin from center of breather plug if breather design is per diagram below.**



- Reducer breathers not supplied with cross-pin do not get modified but must be properly positioned at the top of the reducer.

MAINTENANCE

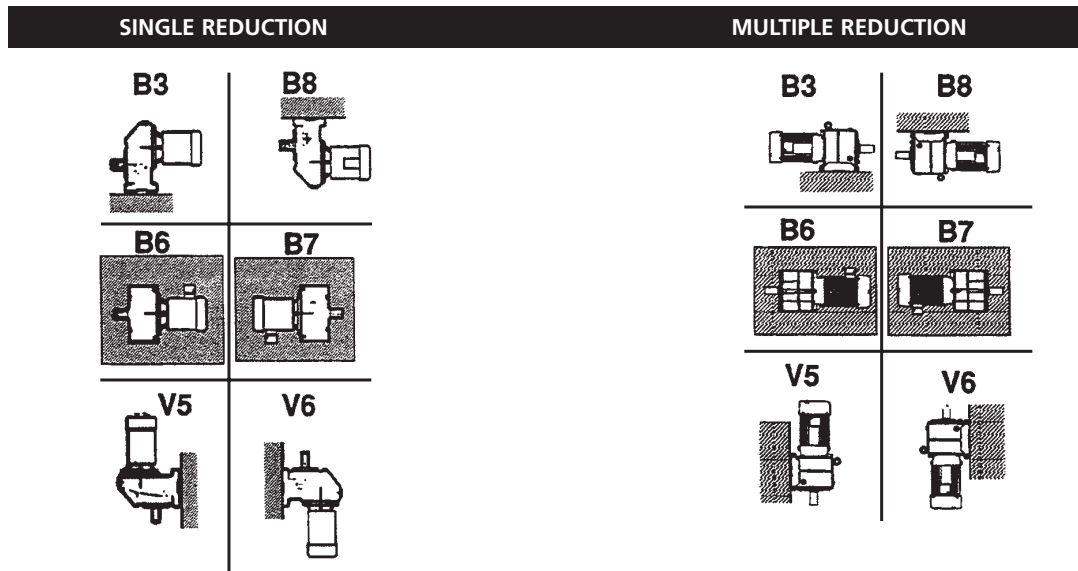
To ensure safe operation and to avoid problems, it is recommended the reducer or gearmotor be inspected **every 50 hours** of operating time.

- Check mounting bolts and belt tension (if applicable).

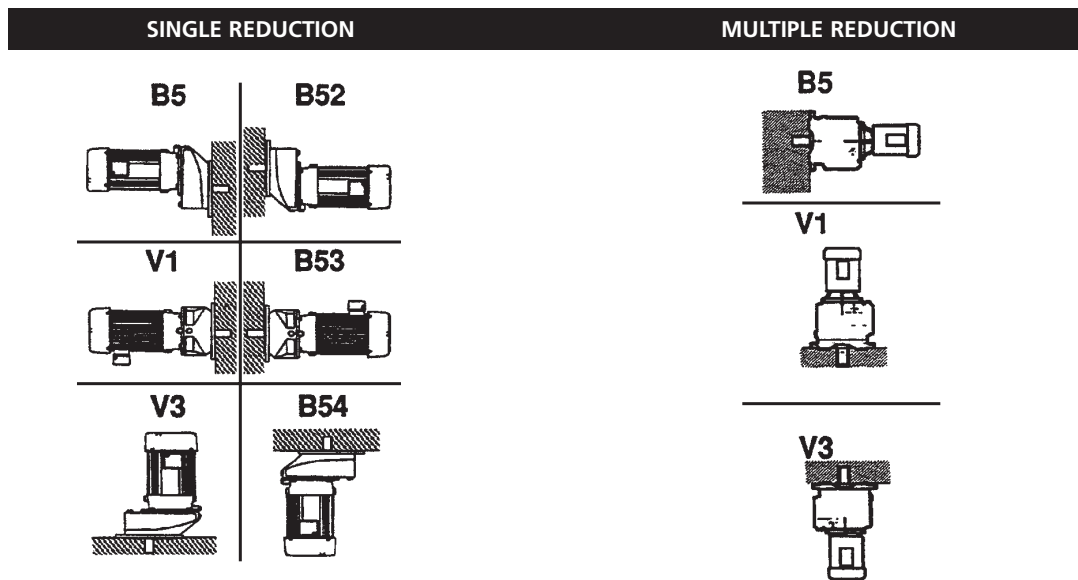
The preventive maintenance list below should be performed **every 5000 hours** of operating time:

- Check oil level and add oil if necessary.
- Make sure the vent hole in the breather is clean.

**MOUNTING POSITIONS
FOOT MOUNT "S"**



FOOT MOUNT "B5"



Series 2000 CbN gearing is shipped with one of the following lubricants per the table below and fitted with a magnetic drain. Each reducer is filled according to the mounting position specified when ordered. Refer to unit nameplate and the chart to the left for mounting position arrangement for your unit.

In the case of synthetic oil (no backstop), the lubricant does not require changing but it is recommended that proper oil level be checked periodically.

NO BACKSTOP - SYNTHETIC

MANUFACTURER	AMBIENT AIR TEMPERATURE -25 F TO +125 F
COFRAN	SINTOGEAR 125
MOBIL	SHC 629

UNIT WITH BACKSTOP

MANUFACTURER	AMBIENT AIR TEMPERATURE -10 F TO +125 F
TEXACO	SYN-STAR DE 100

CAUTION:

- Never mix synthetic oil and mineral oil
- Never use extreme pressure (EP) oil in a reducer with a backstop.

ACCEPTABLE MINERAL OIL LUBRICANTS

	-4° F to 14° F (-20 C to 10 C)	-14 F to 122 F (-10 C to 50 C)				122 F (50 C) and above
		with AD (non EP)	with Ad			
MFR	ISO VG 68	ISO VG 100	ISO VG 150	SAE 30	SAE 80/90	ISO VG 320
COFRAN	Mecanep 68 GL	Cofraline Equitex 100	Mecanep 150	Equilux C2000 Super	Cofrapoid 80W 90	Mecanep 320
MOBIL	Mobil Gear 626	DTE Extra Heavy	Mobil Gear 629	-	Mobilube C90	Mobil Gear 632
SHELL	Omala 68	Tellus 100	Omala 150	Dentax 80	Spirax EP 90	Omala 320

OIL CAPACITIES (U.S. QUARTS)

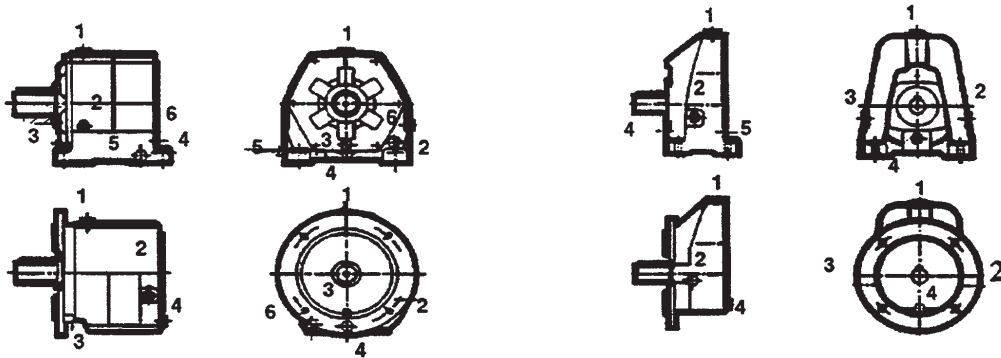
MOUNTING POSITIONS

Gear Frame	B3	B5	B6	B7	B8	B52	B53	B54	V1	V3	V5	V6
CbN 2002	.21	.42	.42	.42	.63				.42	.74	.53	.63
CbN 2101	.26	.21	.42	.42	.63	.21	.42	.21	.32	.42	.53	.63
CbN 2201	.32	.21	.63	.63	.84	.32	.53	.32	.53	.63	.63	.74
CbN 2301	.95	.84	1.48	1.48	2.01	1.16	1.69	1.16	1.69	2.22	2.22	2.22
CbN 2401	.63	1.06	1.58	1.58	2.64	1.69	2.64	1.69	2.43	2.96	2.22	2.22
CbN 2501	1.16	1.06	3.48	3.48	5.17	2.32	3.59	2.32	2.64	3.59	4.65	5.49
CbN 2102	.53	.42	.95	.90	1.48				1.16	1.27	1.52	1.37
CbN 2202	.68	.53	1.48	1.37	2.11				2.01	2.01	2.22	1.90
CbN 2302	1.48	1.69	2.75	2.64	3.80				4.65	4.65	4.44	4.44
CbN 2402	2.32	2.64	4.86	4.54	7.18				8.03	7.81	8.34	8.03
CbN 2502	3.70	4.44	8.87	8.03	13.09				13.20	14.26	13.94	14.78
CbN 2602	6.55	6.34	16.90	15.84	25.87				21.12	21.12	25.34	27.88
CbN 2702	8.76	8.45	23.23	22.92	37.28				31.68	27.24	36.22	39.18
CbN 2802	16.16	15.42	47.52	44.88	73.92				60.19	55.97	78.14	71.81
CbN 2103	.48	.32	.84	.87	1.37				1.16	1.06	1.43	1.27
CbN 2203	.69	.53	1.37	1.37	2.11				2.01	1.80	2.11	1.80
CbN 2303	1.37	1.48	2.85	2.75	3.80				4.54	4.44	4.22	4.54
CbN 2403	2.01	2.32	4.65	4.54	7.18				7.71	7.60	8.03	7.81
CbN 2503	3.27	4.22	8.34	8.03	12.99				13.09	14.36	13.62	14.04
CbN 2603	5.91	5.70	15.84	15.95	25.66				18.59	21.33	27.03	28.41
CbN 2703	7.92	7.60	22.18	23.02	36.96				25.77	27.46	38.65	39.92
CbN 2803	14.57	13.94	45.41	45.20	72.86				52.80	55.97	83.42	72.86
CbN 2903	17.95		72.86	68.64	121.44						124.61	108.77

POSITIONS OF PLUGS AND BREATHERS - REDUCER

CbN: 20 - 21 - 22 - 23	CbN: 24 - 25	CbN: 26 - 27 - 28 - 29	CbN: B5	CbN: 21 -- 25
Position F/B L D	Position F/B L D	Position F/B L D	Position F/B L D	Position F/B L D
2 & 3 Stages	2 & 3 Stages	2 & 3 Stages	2 & 3 Stages	1 Stage
B3 1 2 5	B3 1 2 5	B3 1 2 5		B3 1 2-3 5
B6 5 1 2	B6 5 1 2	B6 5 1 2	B5 1 2 4(6)	B6 3 4-1 2
B7 2 1 5	B7 2 1 5	B7 2 1 5	V1 4(6) 2 1	B7 2 4-1 3
B8 5 2 1	B8 5 2 1	B8 5 2 1	V3 1 1 4(6)	B8 4-5 2-3 1
V5 5 5 1(3)	V5 4 5 3	V5 6 5 3	Use (6) for CbN21-22-23	V5 5 1 4
V6 1(3) 2 5	V6 3 2 4	V6 3 2 6		V6 4 2-3 5
				B5 1 2-3 4
				V1 4 1 2-3
				V3 2-3 2-3 4
				B52 3 1 3
				B53 2 1 3
				B54 2 1 3

Use (3) for CbN23

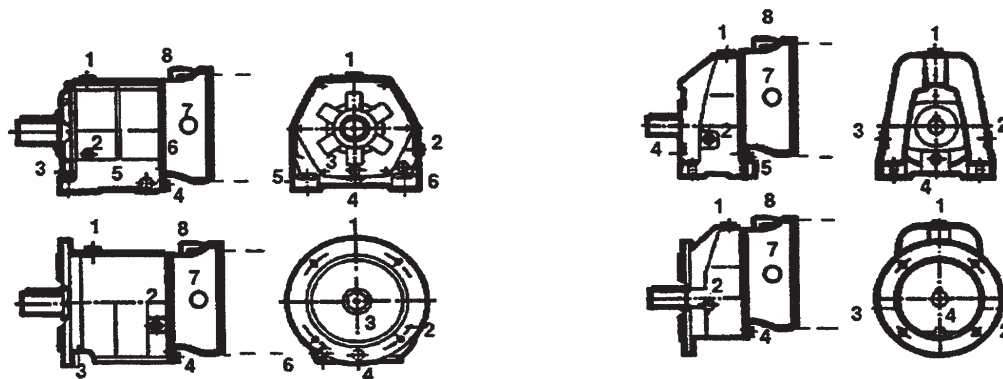


F/B: Filling/Breather
L: Level
D: Drain

POSITIONS OF PLUGS AND BREATHERS - GERMOTORS

CbN: 20 - 21 - 22 - 23	CbN: 24 - 25	CbN: 26 - 27 - 28 - 29	CbN: B5	CbN: 21 -- 25
Position F/B L D	Position F/B L D	Position F/B L D	Position F/B L D	Position F/B L D
2 & 3 Stages	2 & 3 Stages	2 & 3 Stages	2 & 3 Stages	1 Stage
B3 8 2 5	B3 8 2 5	B3 8 2 5		B3 8 2-3 5
B6 5 1 2	B6 5 1 2	B6 5 1 2	B5 8 2 6(4)	B6 3 4-1 2
B7 2 1 5	B7 2 1 5	B7 2 1 5	V1 8 2 1	B7 2 4-1 3
B8 5 7 1	B8 5 7 1	B8 5 7 1	V3 1 1 8	B8 4-5 2-3 1
V5 8 5 1(3)	V5 8 5 3	V5 7 5 3	Use (6) for CbN21-22-23	V5 8 1 4
V6 1(3) 2 8	V6 3 2 8	V6 3 2 8		V6 4 2-3 8
				B5 1 2-3 4
				V1 8 1 2-3
				V3 2-3 2-3 8
				B52 3 1 2
				B53 2 1 3
				B54 2 1 3

Use (3) for CbN23



F/B: Filling/Breather
L: Level
D: Drain

CBN 21 . . . 25 SINGLE REDUCTION

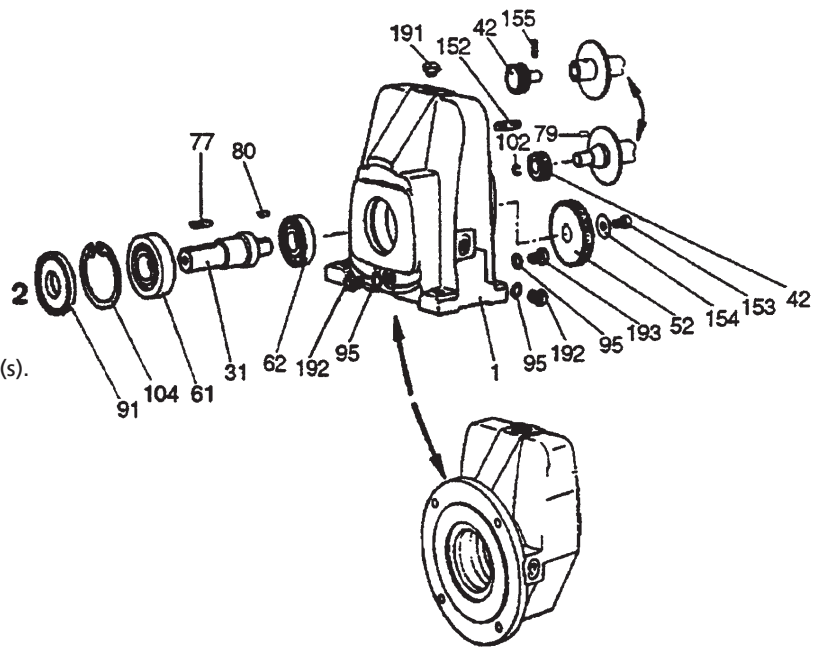
Spare Unit or Parts Orders

When ordering, always include:

- Complete gear nameplate data;
- Complete motor nameplate date;
- I.D. number;
- Mounting Position;
- Number and designation of spare part(s).

CbN 2101 to 2501 Part List

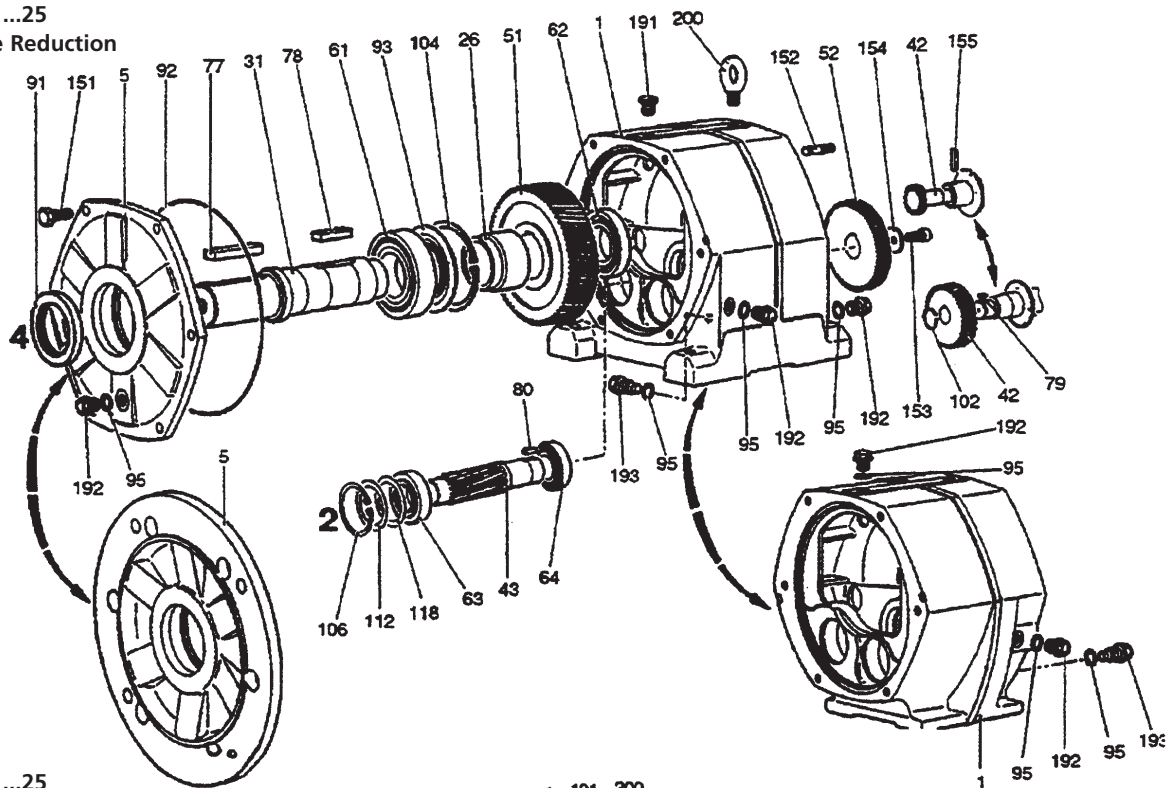
Part #	Description	Qty.
001	Housing	1
031	Output Shaft	1
042	Input Pinion	1
052	Wheel Axis 2	1
061	Bearing, front	1
062	Bearing, bac	1
077	Output Shaft Key	1
079	Pinion Key	1
080	Wheel Key	1
091	Oil Seal	1
095	Plug Seals	4
102	Retaining Ring	1
104	Retaining Ring	1
152	Studs	4
153	Screw	1
154	Washer	1
155	Pinion Pin	1
156	Nuts	4
191	Breather Plug	1
192	Level Plugs	3
193	Magnetic Drain Plug	1



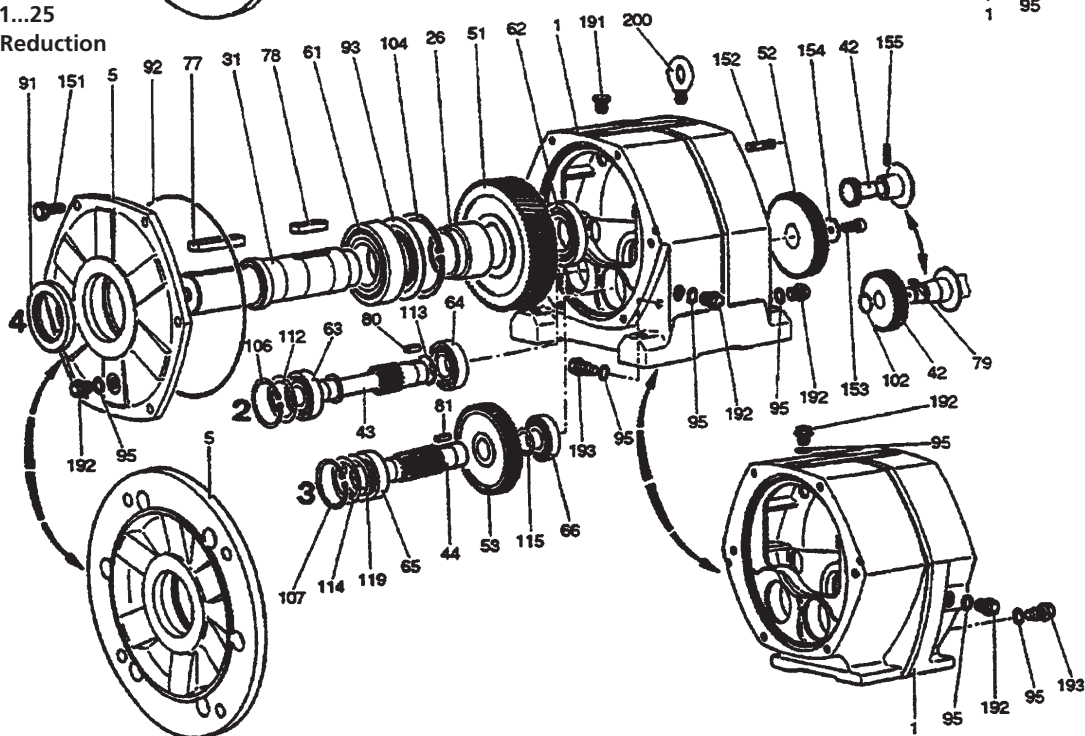
CbN 2101 to 2501 - 1ST MAINTENANCE PARTS

SIZE CbN	Part #					
	061(S)	062(S)	061(BS)	062(BS)	091(S)	091(BS)
2501	6310 RS	6309	30210	30209	50x110x12	60x90x10/12
2401	6309 RS	6308	6309 RS	6308	45x100x8	45x100x8
2301	6308 RS	6307	6308 RS	6307	40x90x8	40x90x8
2201	6206 RS	6305	6206 RS	6305	30x62x7 B1SL	30x62x7 B1SL
2101	6205 RS	6304	6205 RS	6304	25x52x7xBASL	25x52x7 BASL

CbN 21...25
Double Reduction



CbN 21...25
Triple Reduction



CbN 21 -- to 25 -- Part List**When ordering, always include:**

- Complete gear nameplate data;
- Complete motor nameplate data;
- I.D. number;
- Mounting Position;
- Number and designation of spare part(s).

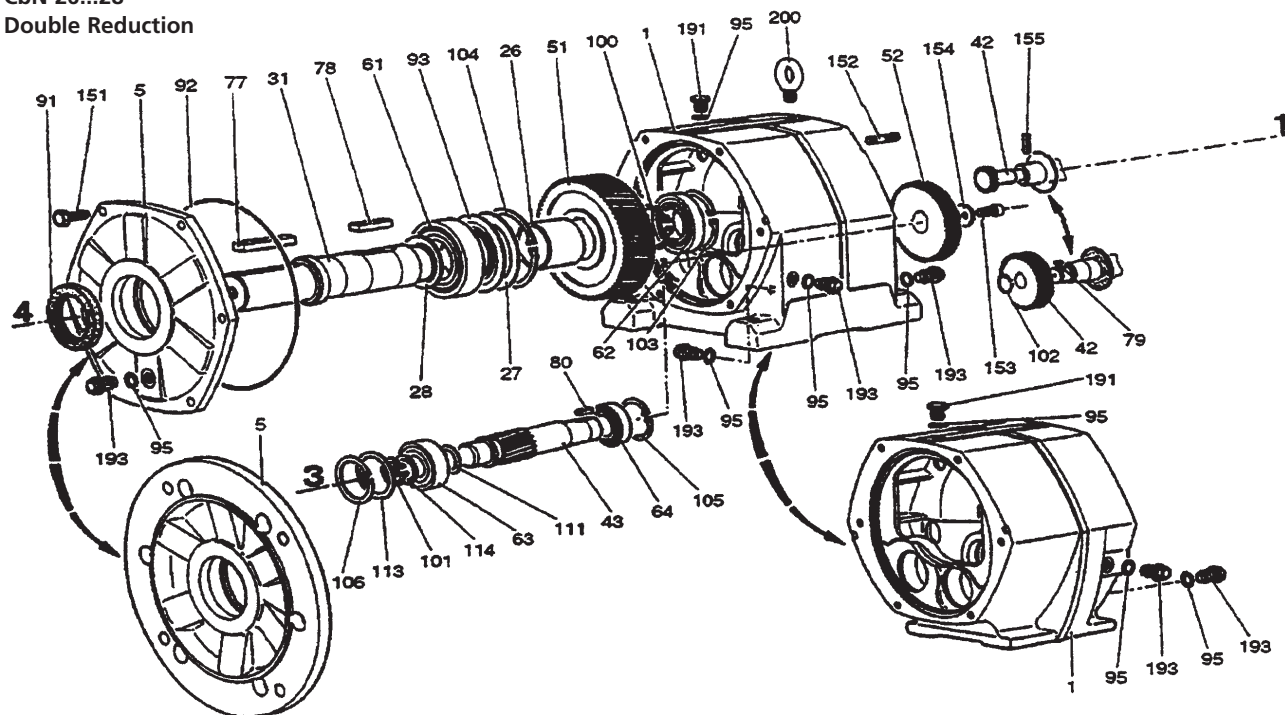
Part #	Description	Qty
001	Housing	1
005	Endshield	1
026	Spacer	1
031	Output Shaft	1
042	Input Pinion, Axis 1	1
043	Pinion Shaft, Axis 2	1
044	Pinion Shaft, Axis 3	1
051	Wheel Axis 4	1
052	Wheel Axis 2	1
053	Wheel Axis 3	1
061	Output Bearing Axis 4, Front	1
062	Output Bearing Axis 4, Back	1
063	Bearing Axis 2, Front	1
064	Bearing Axis 2, Back	1
065	Bearing Axis 3, Front	1
066	Bearing Axis 3, Back	1
077	Output Shaft Key	1
078	Wheel Key Axis 4	1
079	Pinion Key Axis 1	1
080	Wheel Key Axis 1	1
081	Wheel Key Axis 3	1
091	Oil Seal Axis 4	1

Part #	Description	Qty
092	O Ring Seal	1
093	Nilos Bearing Shield	1
095	Plug Seal	3
102	Pinion Retaining Ring	1
104	Retaining Ring Axis 4	1
106	Retaining Ring Axis 2	1
107	Retaining Ring Axis 3	1
112	Front Ring Axis 2	1
113	Back Ring Axis 2	1
114	Front Ring Axis 3	1
115	Back Ring Axis 3	1
118	Space Washer Axis 2/3	set
151	Endshield Screws	6
152	Studs	4
153	Screw	1
154	Washer	1
155	Pinion Pin	1
156	Nuts	4
191	Breather Plug	1
192	Level Plugs	2
193	Magnetic Drain Plug	1
200	Lifting Lug	1

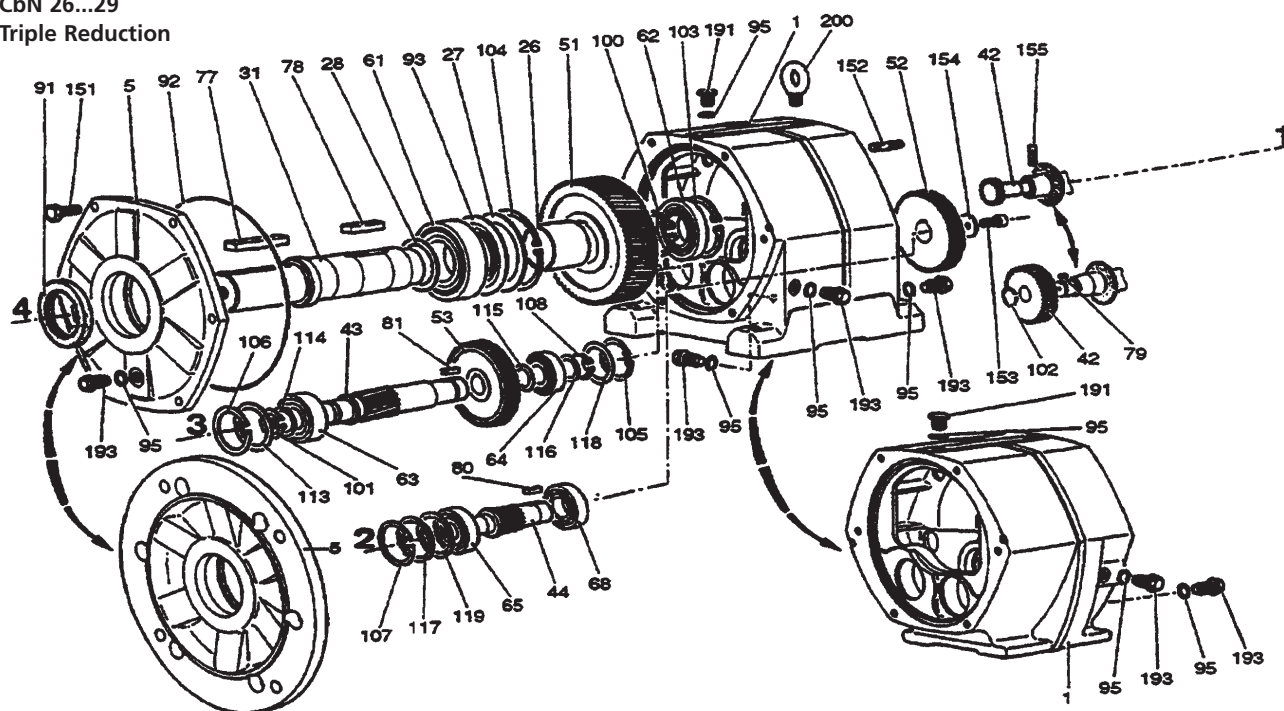
CbN 21 -- to 25 -- 1ST MAINTENANCE PARTS

SIZE	Part #						
CbN	061	062	063	064	065	066	091
2503	22213	NJ 211	6306	6207	30207	30207	75x100x10 BASL
2502	22213	NJ 211	33207	33207	---	---	75x100x10 BASL
2403	22211	NJ 208	6206	6206	30305	30305	65x85x13 BASL
2402	22211	NJ 208	30305	30206	---	---	65x85x13 BASL
2303	6309 RS	NJ 205	6304	6205	6304	NJ 205	55x68x8/10 BASL
2302	6309 RS	NJ 205	NJ 205	NJ 205	---	---	55x68x8/10 BASL
2203	6207 RS	NJ 203	6203	6203	6203	6203	40x58x9 BASL
2202	6207 RS	NJ 203	NJ 203	6203	---	---	40x58x9 BASL
2103	6206 RS	NJ 202	6300	6202	6300	6202	35x52x10 BASL
2102	6206 RS	NJ 202	NJ 202	6202	---	---	35x52x10 BASL

CbN 26...28
Double Reduction



CbN 26...29
Triple Reduction



CbN 26 -- to 29 -- Part List**When ordering, always include:**

- Complete gear nameplate data;
- Complete motor nameplate data;
- I.D. number;
- Mounting Position;
- Number and designation of spare part(s).

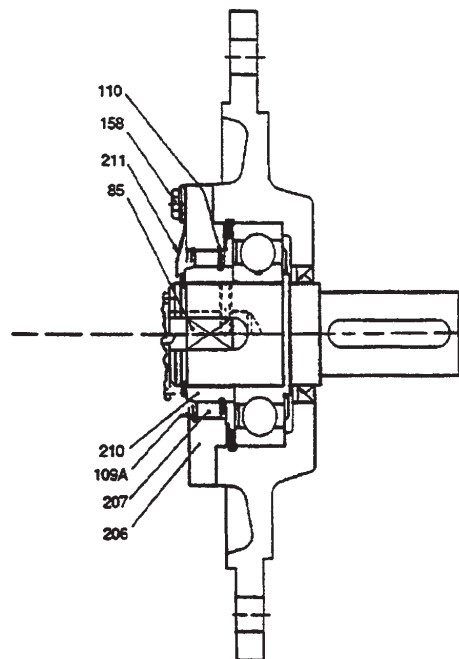
Part #	Description	Qty.
001	Housing	1
005	Endshield	1
026	Spacer Axis 4	1
027	Ring Axis 4	1
028	Ring Axis 4	1
031	Output Shaft	1
042	Pinion Axis 1	1
043	Pinion Shaft Axis 3	1
044	Pinion Shaft Axis 2	1
051	Wheel Axis 4	1
052	Wheel Axis 2	1
053	Wheel Axis 3	1
061	Bearing Axis 4, Front	1
062	Bearing Axis 4, Back	1
063	Bearing Axis 3, Front	1
064	Bearing Axis 3, Back	1
065	Bearing Axis 2, Front	1
066	Bearing Axis 2, Back	1
077	Output Shaft Key	1
078	Wheel Key Axis 4	1
079	Pinion Key Axis 1	1
080	(52) Wheel Key	1
081	Wheel Key Axis 3	1
091	Oil Seal Axis 4	1
092	"O" Ring Seal	1
093	Nilos Bearing Shield	1

Part #	Description	Qty.
095	Plug Seals	5
100	Retaining Ring Axis 4	1
101	Retaining Ring Axis 3	1
102	Pinion Retaining Ring, Axis 1	1
103	Retaining Ring Axis 4	1
104	Retaining Ring Axis 4	1
105	Retaining Ring Axis 3	1
106	Retaining Ring Axis 3	1
107	Retaining Ring Axis 2	1
108	Retaining Ring Axis 3	1
113	Ring Axis 3	1
114	Ring Axis 3	1
115	Ring Axis 3	1
116	Ring Axis 3	1
117	Ring Axis 2	1
118	Ring Axis 3	1
119	Ring Axis 2	1
151	Endshield Screws	6
152	Studs	4
153	Screw	1/3
154	Washer	1
155	Pinion Pin	1
156	Nuts	4
191	Breather Plug	1
193	Level-Drain Plug	4
200	Lifting Lug	1

CbN 26 -- to 29 -- 1ST MAINTENANCE PARTS

SIZE CbN	Part #						
	061	062	063	064	065	066	091
2903	23124 E	22217 E	22314 E	2216 NJ	32212	33212	130x160x15 BASL
2803	23120 E	NJ 2215 E C3	22312 E	NJ 2213 E C3	30211	30211	105x130x12 BASL
2802	23120 E	NJ 2215 E C3	22312 E	22213 E	---	---	105x130x12 BASL
2703	22217 E	NJ 2212 E C3	22310 E	NJ 2210 E C3	32207	30207	95x125x12 BASL
2702	22217 E	NJ 2212 E C3	22310 E	22210 E	---	---	95x125x12 BASL
2603	22215 E	NJ 2211 E C3	22308 E	2208 C	30207	30207	80x100x10 BASL
2602	22215 E	NJ 2211 E C3	22308 E	NJ 22208 C	---	---	80x100x10 BASL

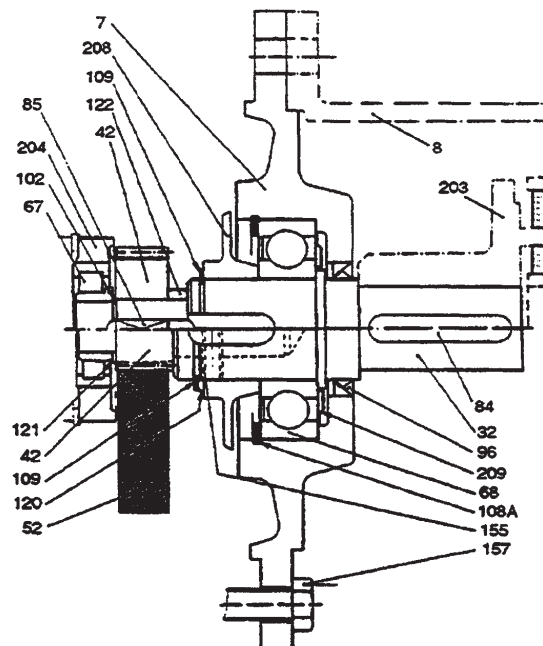
CbN 26...29



INPUT SHAFT WITH BACKSTOP

Part #	Description	Qty.
7	"AP" Input Flange	1
8	C-Face	1
32	Input Shaft	1
42	Pinion	1
52	Wheel	1
67	Bearing (Pinion Side)	1
68	Bearing (Shaft Side)	1
79	Pinion Key	1
84	Shaft Key	1
96	Oil Seal	1
102	Pinion Retaining Ring	1
108A	Retaining Ring	1
109	Retaining Ring	1
120	Ring	1
122	Spacer	1
128	Ring	1
155	Pinion Pin	1

C-FACE MOTOR MOUNTING



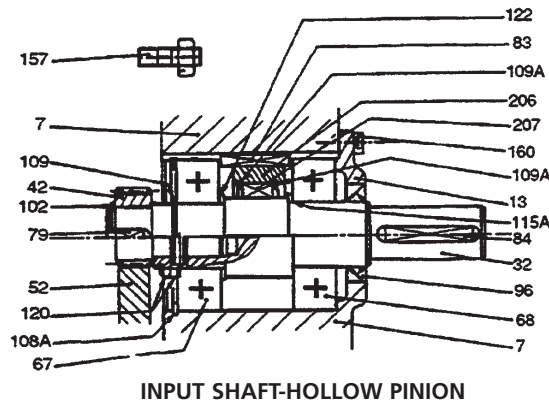
INPUT SHAFT WITHOUT BACKSTOP

Part #	Description	Qty.
157	Screws	4
203	Coupling (Motor Half)	1
204	Bearing Ring	1
208	Oil Deflector	1
209	Nilos Bearing Shield	1

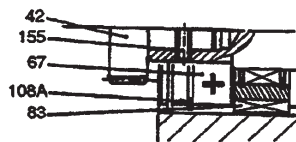
"AD" BACKSTOP KIT

Part #	Description	Qty.
85	Race Key	1
109A	Retaining Ring	1
110	Retaining Ring	1
158	Flange Screws	4
206	Free Wheel Flange	1
207	Free Wheel	1
210	Inner Race	1
211	Oil Deflector	1

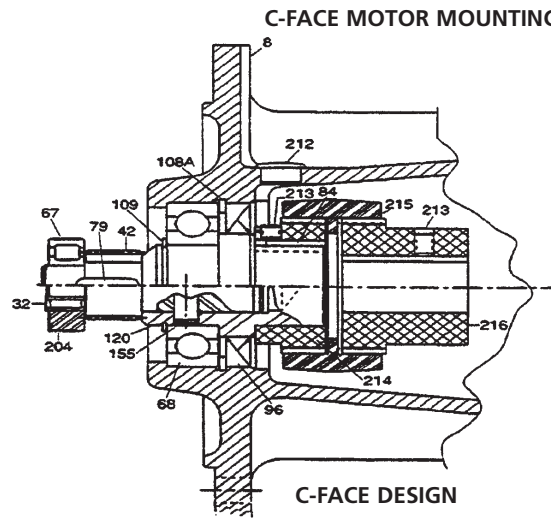
CbN 23...25



INPUT SHAFT-HOLLOW PINION

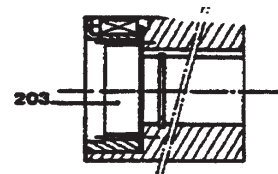


INPUT SHAFT-HOLLOW PINION



C-FACE MOTOR MOUNTING

C-FACE DESIGN



SOLID ONE PIECE COUPLING

"AP" Input Shaft & "U" Universal Mounting Part List

Part #	Description	Qty.
007	"AP" Input Flange	1
00	"U" C-Face Housing	1
032	Input Shaft	1
042	Pinion	1
052	Wheel	1
067	Bearing (Pinion Side)	1
068	Bearing (Shaft Side)	1
079	Pinion Key	1
084	Shaft Key	1
096	Oil Seal	1
102	Pinion Retaining Ring	1
108A	Retaining Ring	1
109	Retaining Ring	1
120	Ring	1

Part #	Description	Qty.
122	Spacer	1
128	Ring	1
155	Pinion Pin	1
157	Screws	4
203	One Piece Coupling (1)	1
204	Bearing Ring	1
208	Oil Deflector	1
212	Access Plug	1
213	Coupling Set Screws	4
214	Gear Half Coupling	1
215	Flexible Connector	1
216	Motor Half Coupling	1

"AD" Backstop Kit

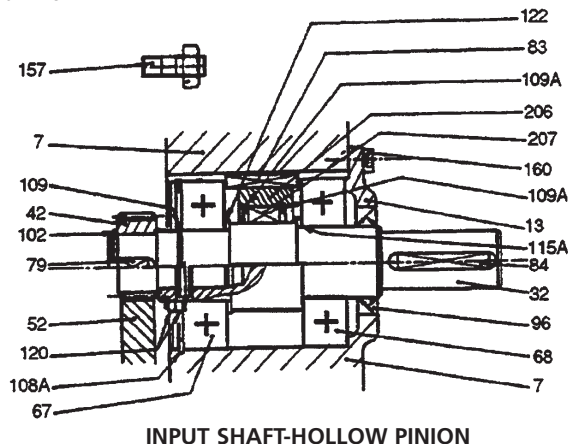
Part #	Description	Qty.
085	Race Key	1
109A	Retaining Ring	1
110	Retaining Ring	1
158	Flange Screws	4
206	Free Wheel Flange	1
207	Free Wheel	1
210	Inner Race	1
211	Oil Deflector	1

(1) Size 25, and 23 or 24 with 250 TC or 284 TC motor.

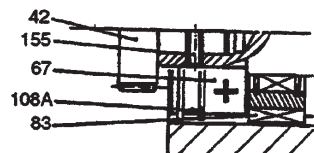
Maintenance Parts

Size	"C"-Face Input			"AP" Input Shaft				"AD" Backstop Assembly			
CbN	67	68	96	67	68	96	210	67	68	96	207
2302	NJ 203 E	6207 RS	45x72x8 A	6308 RS	NJ 207 E	35x62x7 A		6308 RS	NJ207 E	35x62x7 A	BWX13244
2303	NA 4900	6207 RS	45x72x8 A	6308 RS	NJ 207 E	35x62x7 A		6308 RS	NJ207E	35x62x7 A	BWX13244
24	NJ 203 E	6207 RS	45x72x8 A	6308 RS	NJ 207 E	35x62x7 A		6308 RS	NJ207 E	35x62x7 A	BWX13244
25	NA 4900	6207 RS	45x72x8 A	6308 RS	NJ 207 E	35x62x7 A		6308 RS	NJ207 E	35x62x7 A	BWX13244

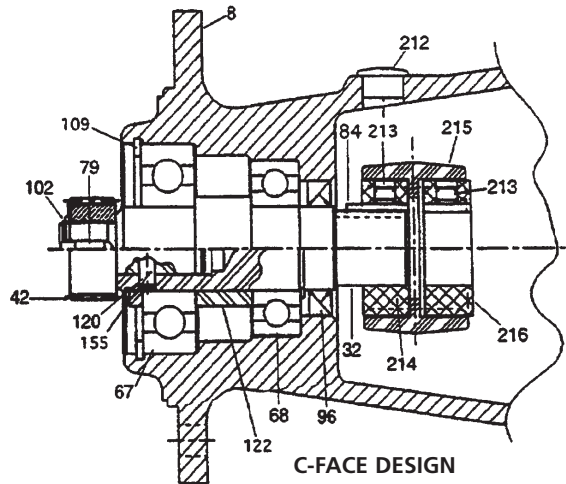
CbN 20...22



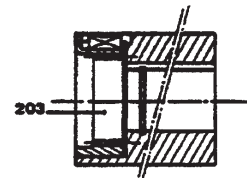
INPUT SHAFT-HOLLOW PINION



INPUT SHAFT-HOLLOW PINION



C-FACE DESIGN



SOLID ONE PIECE COUPLING

"AP" Input Shaft & "U" Universal Mounting Part List

Part #	Description	Qty.
007	"AP" Input Flange	1
008	"U" C-Face Housing	1
032	Input Shaft	1
042	Pinion	1
052	Wheel	1
067	Bearing (Pinion Side)	1
068	Bearing (Shaft Side)	1
079	Pinion Key	1
084	Shaft Key	1
096	Oil Seal	1
102	Pinion Retaining Ring	1
109	Retaining Ring	1
120	Retaining Ring	1

Part #	Description	Qty.
122	Spacer	1
128	Ring	1
155	Pinion Pin	1
157	Screws	4
203	One Piece Coupling (1)	1
204	Bearing Ring	1
208	Oil Deflector	1
212	Access Plug	1
213	Coupling Set Screw	4
214	Gear Half Coupling	1
215	Flexible Connector	1
216	Motor Half Coupling	1

"AD" Backstop Kit

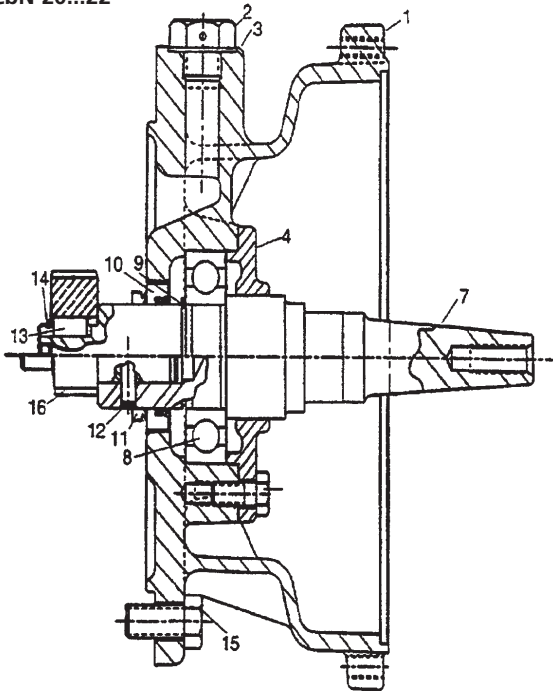
Part #	Description	Qty.
085	Race Key	1
109A	Retaining Ring	1
110	Retaining Ring	1
158	Flange Screws	4
206	Free Wheel Flange	1
207	Free Wheel	1
210	Inner Race	1
211	Oil Deflector	1

(1) Design replaced in 1994 with standard 3-piece design.

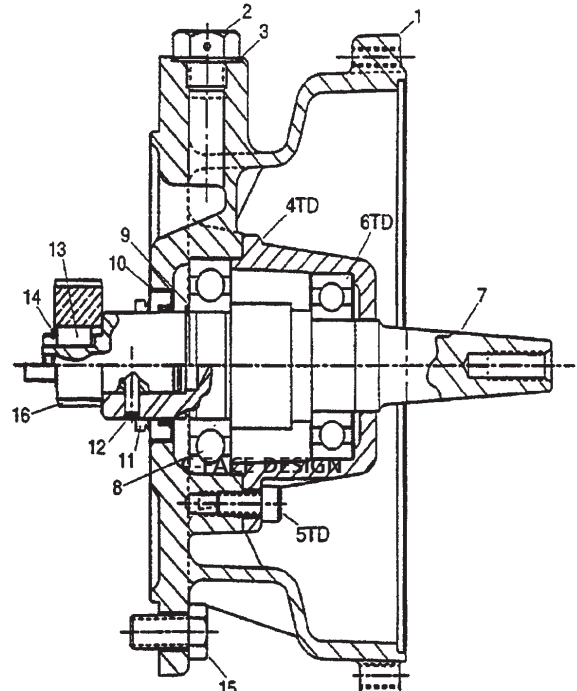
Maintenance Parts

Size	"C"-Face Input			"AP" Input Shaft				"AD" Backstop Assembly			
CbN	67	68	96	67	68	96	210	67	68	96	207
20,21	6305 RS	6205	25x40x8 AS	6305 RS	6304	20x30x7		AS 6305 RS	6304	20x30x7 AS	BWX133590A
22	6305 RS	6205	25x40x8 AS	6206 RS	6304	20x30x7		AS 6206 RS	6304	20x30x7 AS	BWX133590A

CbN 20...22



GEARMOTORS



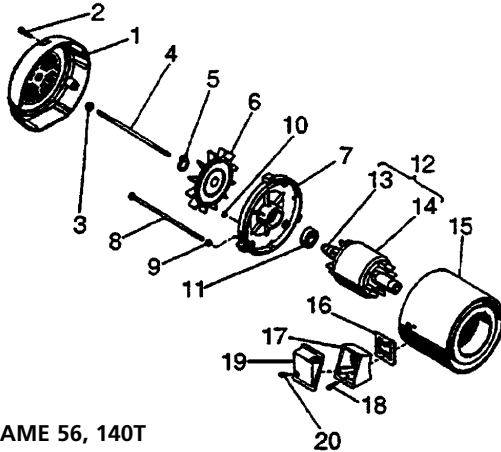
TDM VARITRAC

"MP" Integral Input Style Parts List

Part #	Description	Qty.
1	"MP" Housing	1
*2	Level/Breather Plug	3
*3	Plug Seal Washer	3
4TD	Bearing Cap	1
5TD	Socket Head Screw	3
6TD	Ball Bearing	1
4	Bearing Cap	1
5	Hex Head Screw	4

Part #	Description	Qty.
7	Input Shaft	1
8	Ball Bearing	1
9	Retaining Ring	1
10	Oil Seal	1
*11	Oil Detector	1
*12	Pinion Pin	1
*13	Pinion Key	1
*14	Retaining Ring	1
*15	Hex Head Screw	4
16	Pinion	1

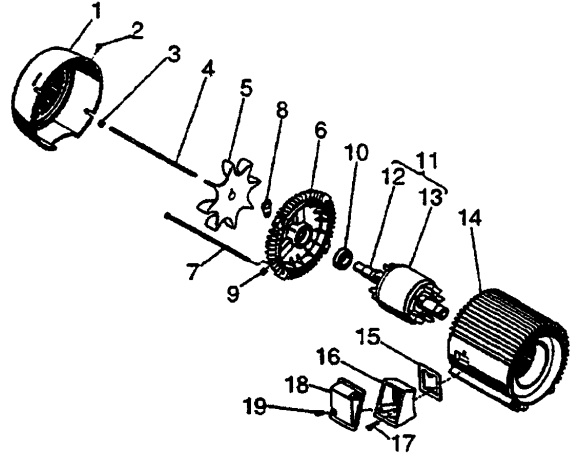
UTP, UTEP, UTIP Integral iModular Motor Part List



FRAME 56, 140T

Part #	Description	Qty.
1	Fan Cover	1
2	Self Tapping Screw	3
3	Hex Nut	1
4	Stud	1
5	Retaining Snap Ring	1
6	Fan	1
7	Bracket	1
8	Screw	4
9	Bushing	4
10	Plastic Plug	4
11	Ball Bearing	1
12	Rotor Assembly (includes items 13 & 14)	1
13	Shaft	1
14	Rotor Core	1
15	Wound Stator Assembly	1
16	Gasket	1
17	Outlet Box Base	1
18	Self Tapping Screw	2
19	Outlet Box Cover	1
20	Self Tapping Screw	2

FRAMES 180T, 210T, 250T, A280T



Part #	Description	Qty.
1	Fan Cover	1
2	Self Tapping Screw	4
3	Hex Nut	1
4	Stud	1
5	Fan	1
6	Bracket	1
7	Hex Head Bolt	4
8	Lifting Lug	1
9	Hex Countersunk Pipe Plug	2
10	Ball Bearing	1
11	Rotor Assembly (includes items 12 & 13)	1
12	Shaft	1
13	Rotor Core	1
14	Wound Stator Assembly	1
15	Gasket	1
16	Outlet Box Base	1
17	Self Tapping Screw	2
18	Outlet Box Cover	1
19	Self Tapping Screw	2


EMERSON GEARING

413 Center Street
P.O. Box 687
Maysville, Kentucky 41056

TEL: 606-564-2299
FAX: 606-564-2276