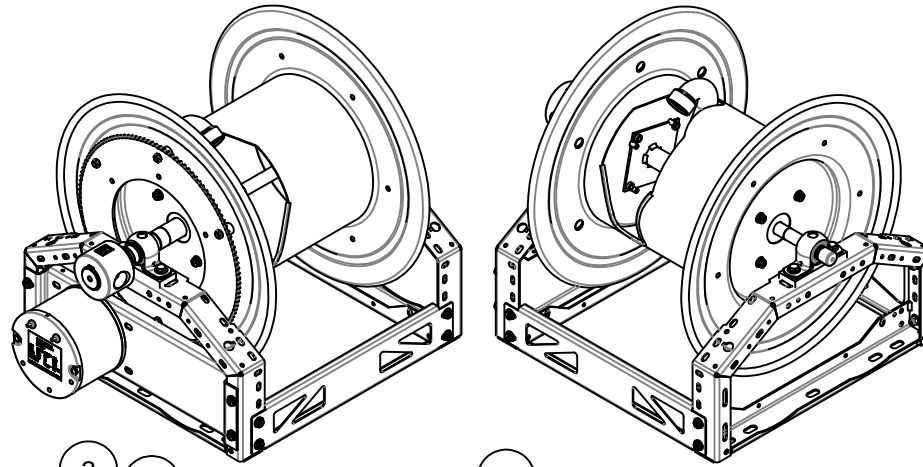
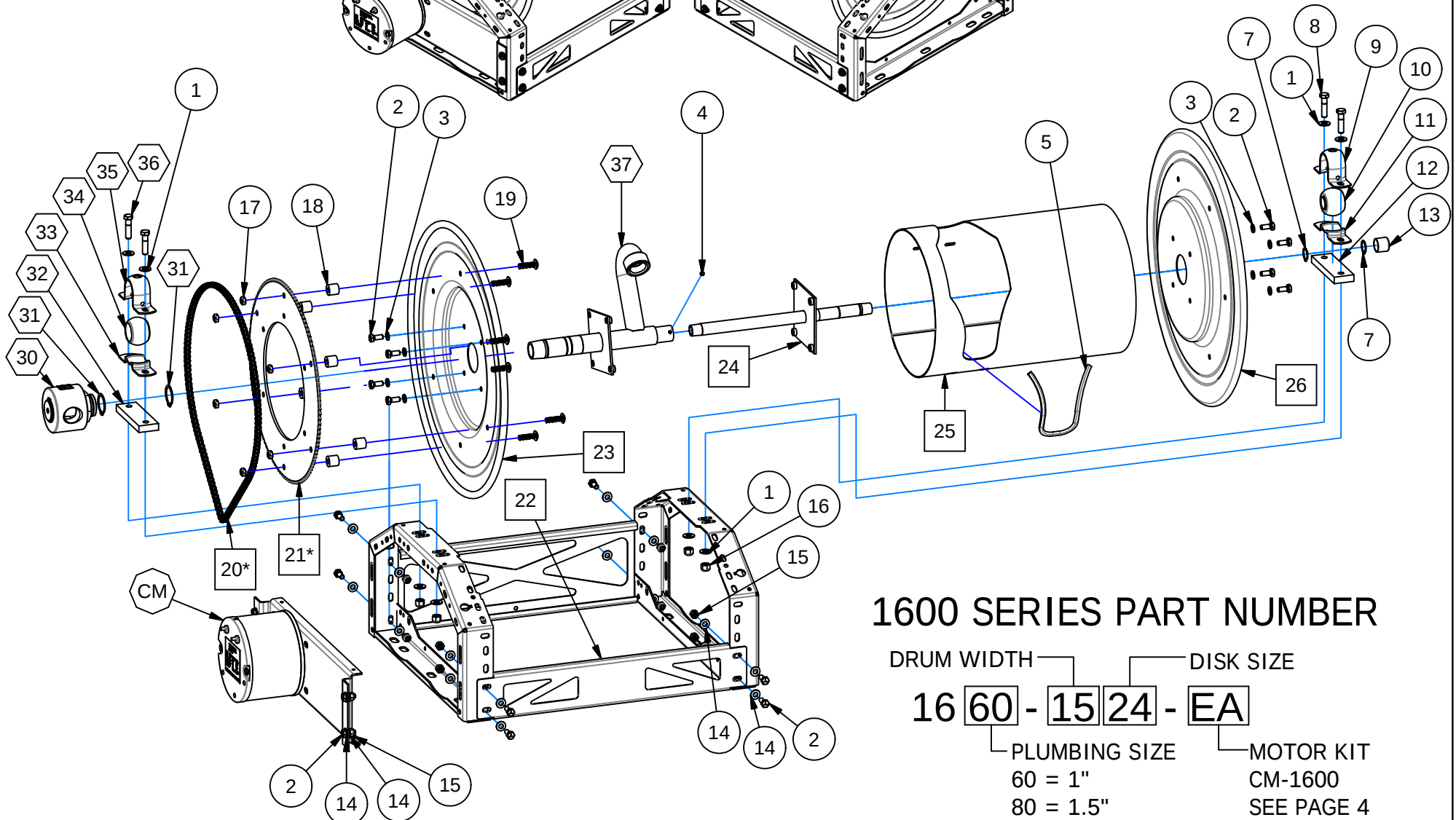


EXP-250 (PG 1 OF 5)

REVISION: -
ECO NO.: NA
DRAWN BY: JKUCERA
DATE: 2/16/14

COXREELS 1600 MOTORIZED

1" PLMB SHOWN
SEE FOLLOWING PGS
FOR 1.5" PLMB



1600 SERIES PART NUMBER

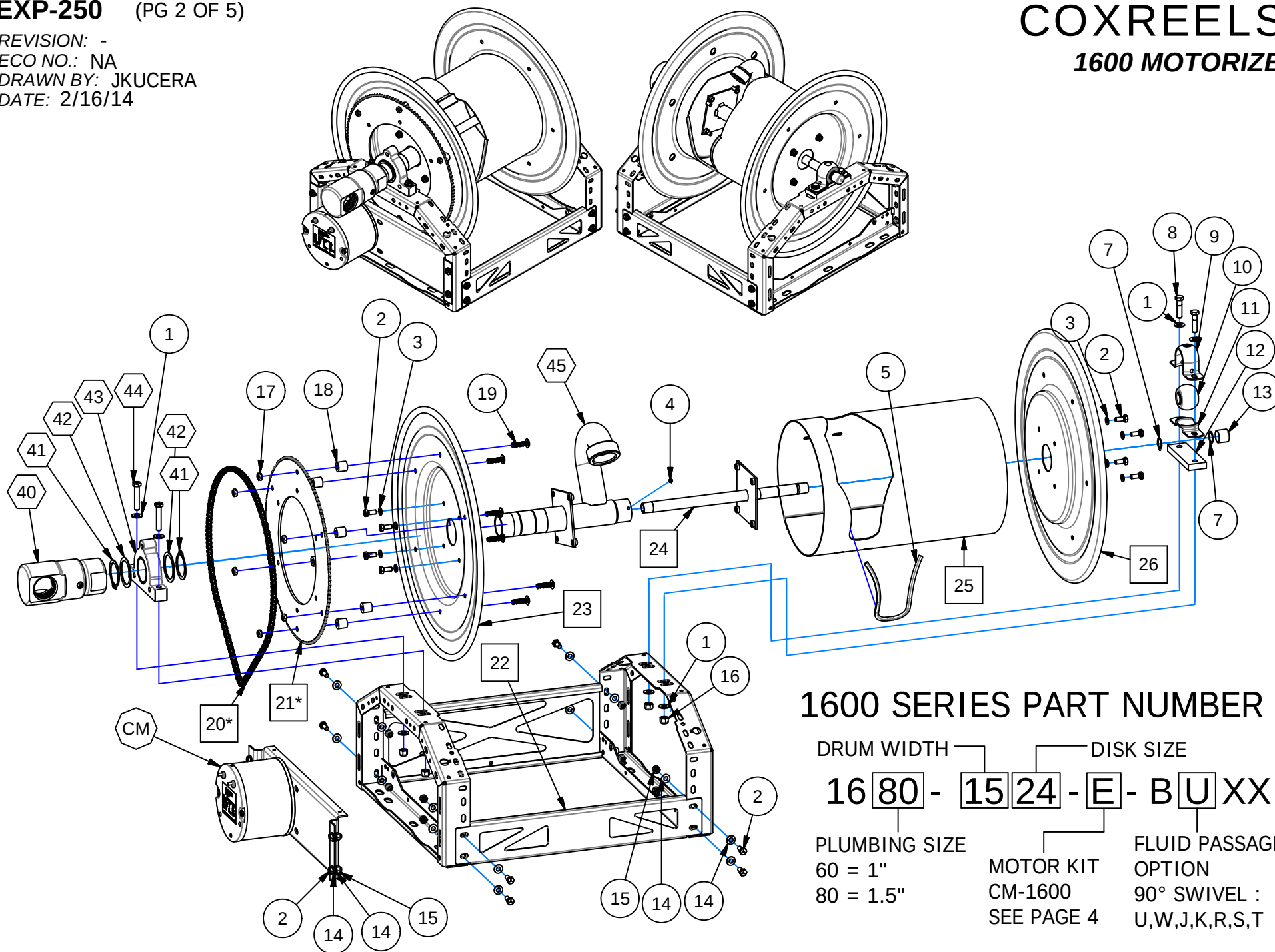
DRUM WIDTH — DISK SIZE
16 60 - 15 24 - EA
PLUMBING SIZE — MOTOR KIT
60 = 1" — CM-1600
80 = 1.5" — SEE PAGE 4

SEE PAGE 2 FOR 1.5" MODEL

EXP-250 (PG 2 OF 5)

REVISION: -
ECO NO.: NA
DRAWN BY: JKUCERA
DATE: 2/16/14

COXREELS 1600 MOTORIZED

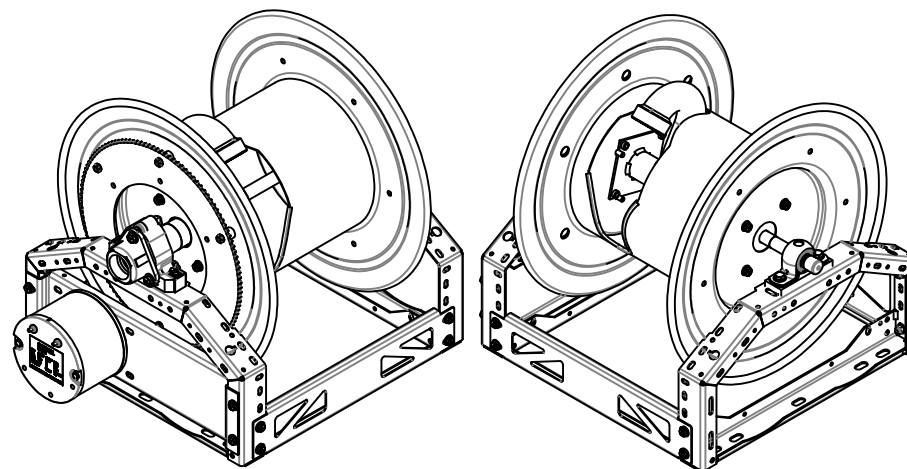
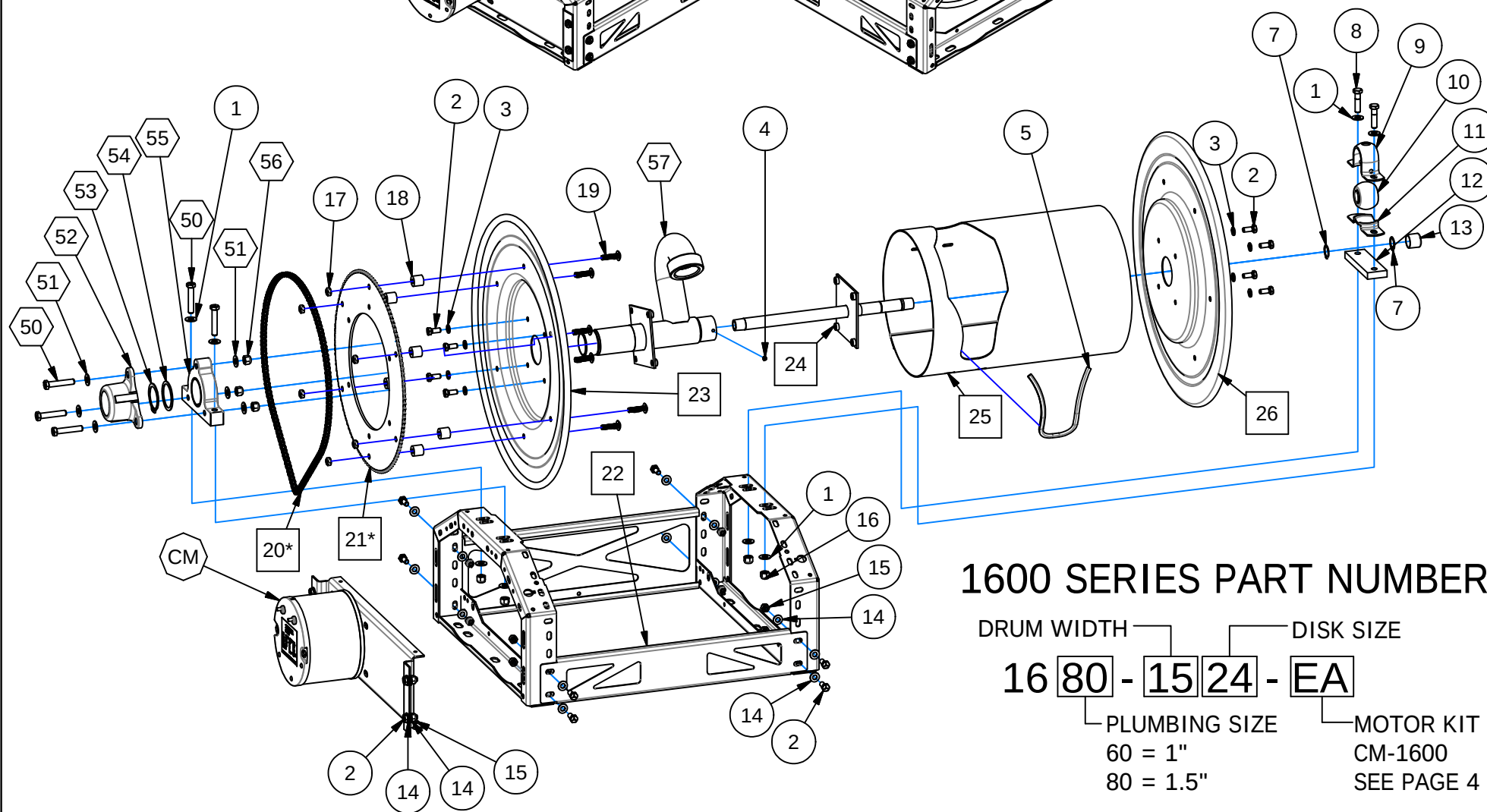


EXP-250 (PG 3 OF 5)

REVISION: -
ECO NO.: NA
DRAWN BY: JKUCERA
DATE: 2/16/14

COXREELS 1600 MOTORIZED

ALUMINUM INLINE SWIVEL
(CURRENT LAYOUT)



1600 SERIES PART NUMBER

DRUM WIDTH — DISK SIZE

16 80 - 15 24 - EA

PLUMBING SIZE
60 = 1"
80 = 1.5"

MOTOR KIT
CM-1600
SEE PAGE 4

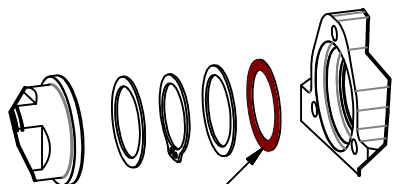
EXP-250 (PG 3 OF 5) FUTURE ALTERNATE

REVISION: A
ECO NO.: NA
DRAWN BY: JKUCERA
DATE: 2/16/14

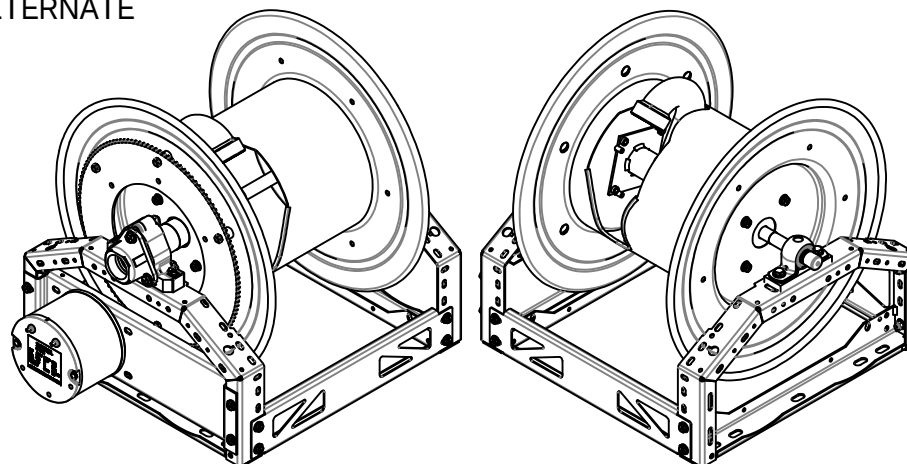
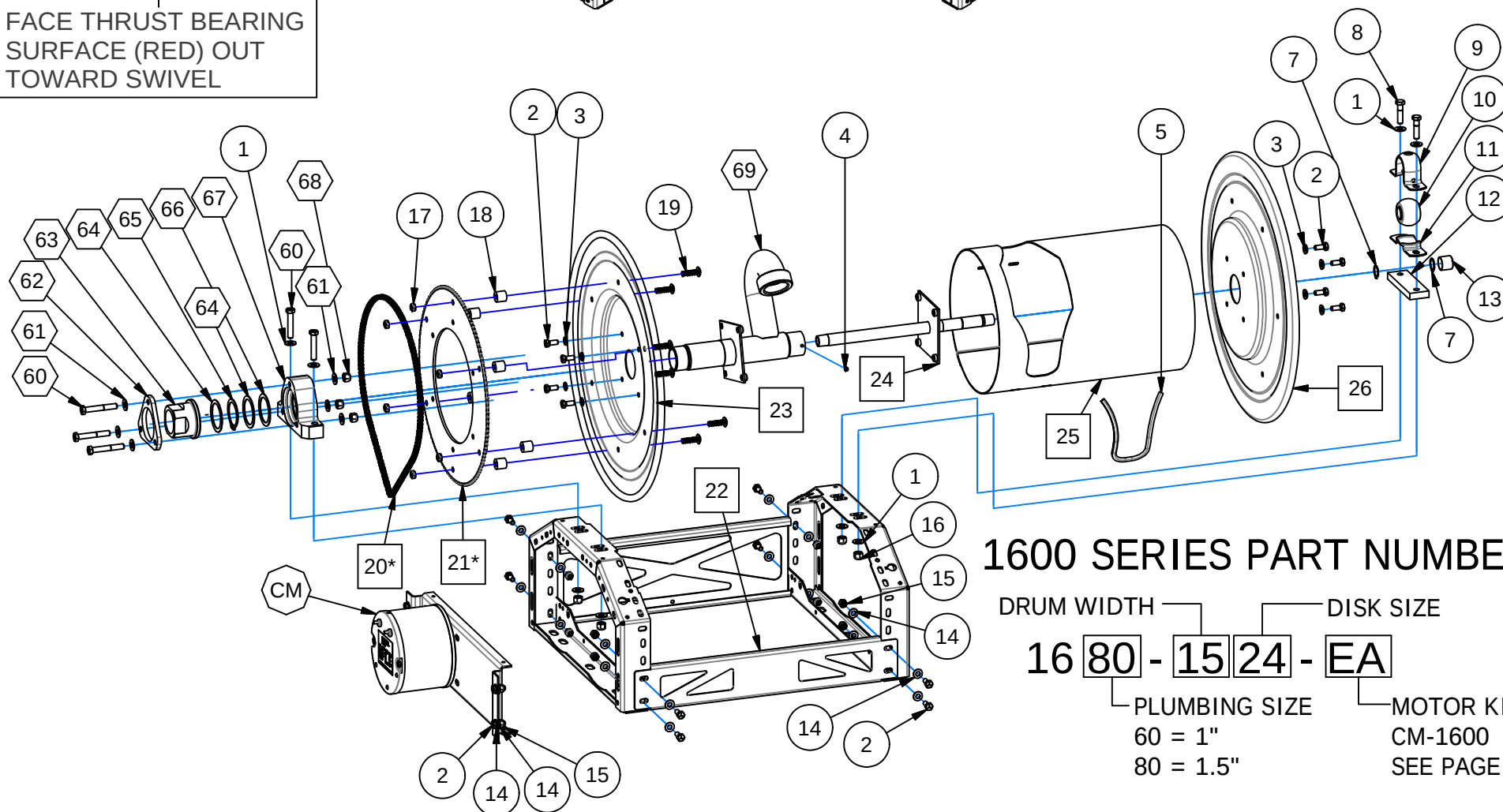
COXREELS 1600 MOTORIZED

STEEL INLINE SWIVEL
(FUTURE LAYOUT)

BEARING ASSY. DETAIL



FACE THRUST BEARING
SURFACE (RED) OUT
TOWARD SWIVEL



1600 SERIES PART NUMBER

DRUM WIDTH — DISK SIZE

16 80 - 15 24 - EA

PLUMBING SIZE

60 = 1"
80 = 1.5"

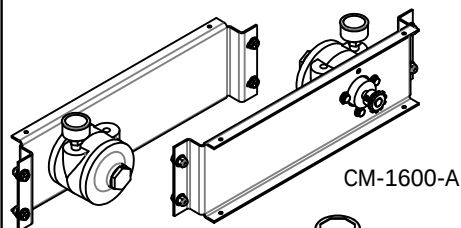
MOTOR KIT

CM-1600
SEE PAGE 4

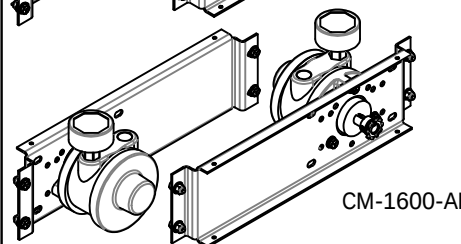
EXP-250 (PG 4 OF 5)

REVISION: -
ECO NO.: NA
DRAWN BY: JKUCERA
DATE: 2/16/14

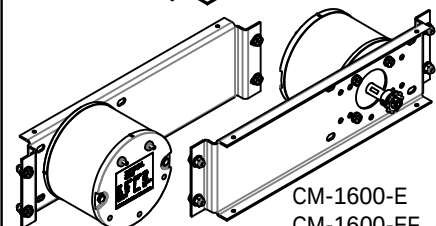
ITEM CM CHOICES



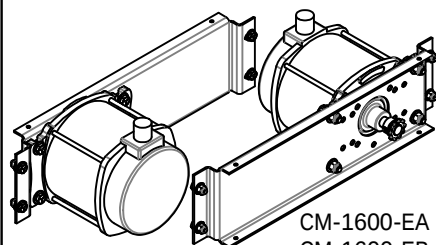
CM-1600-A



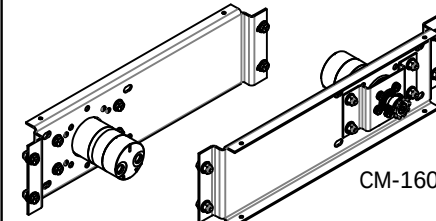
CM-1600-AB



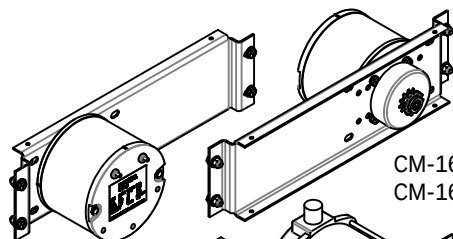
CM-1600-E (12 VDC)
CM-1600-EF (24 VDC)



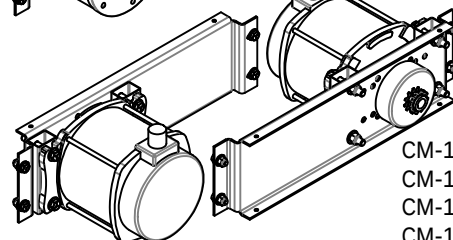
CM-1600-EA (120 VAC)
CM-1600-EB (24 VDC)
CM-1600-ED (12 VDC)
CM-1600-EJ (230 VAC)



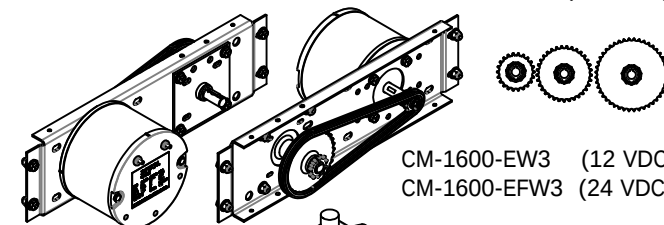
CM-1600-H



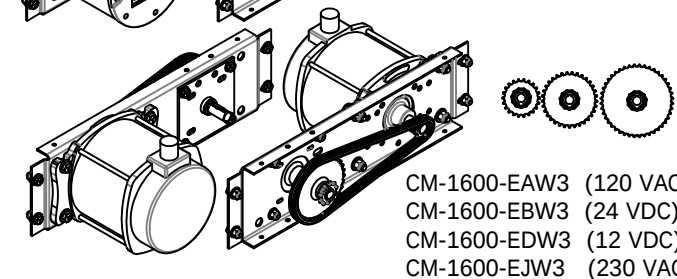
CM-1600-EU (12 VDC)
CM-1600-EFU (24 VDC)



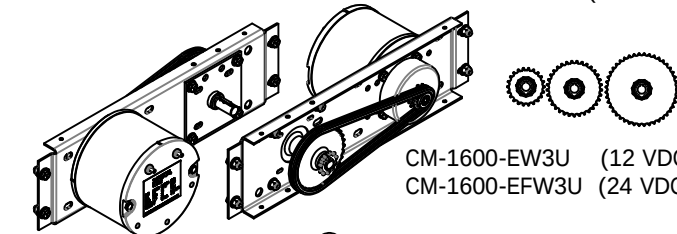
CM-1600-EAU (120 VAC)
CM-1600-EBU (24 VDC)
CM-1600-EDU (12 VDC)
CM-1600-EJU (230 VAC)



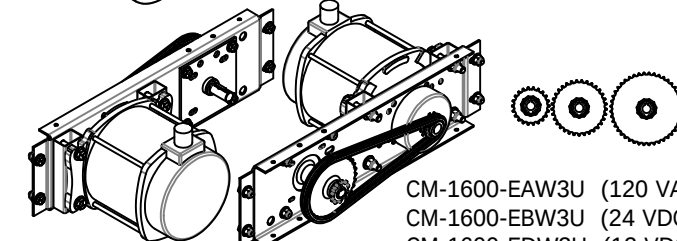
CM-1600-EW3 (12 VDC)
CM-1600-EFW3 (24 VDC)



CM-1600-EAW3 (120 VAC)
CM-1600-EBW3 (24 VDC)
CM-1600-EDW3 (12 VDC)
CM-1600-EJW3 (230 VAC)

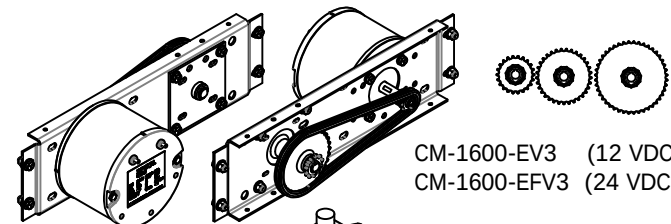


CM-1600-EW3U (12 VDC)
CM-1600-EFW3U (24 VDC)

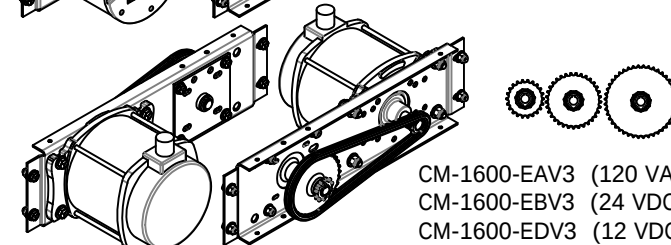


CM-1600-EAW3U (120 VAC)
CM-1600-EBW3U (24 VDC)
CM-1600-EDW3U (12 VDC)
CM-1600-EJW3U (230 VAC)

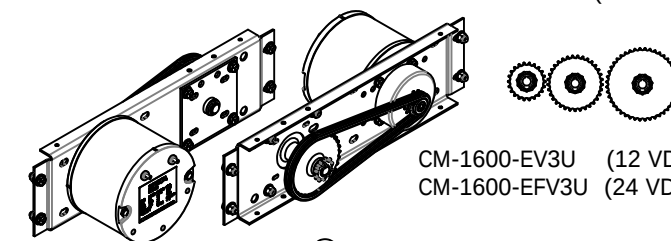
COXREELS 1600 MOTORIZED



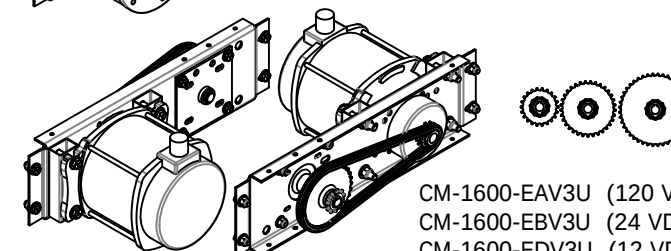
CM-1600-EV3 (12 VDC)
CM-1600-EFV3 (24 VDC)



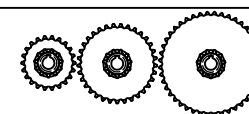
CM-1600-EAV3 (120 VAC)
CM-1600-EBV3 (24 VDC)
CM-1600-EDV3 (12 VDC)
CM-1600-EJV3 (230 VAC)



CM-1600-EV3U (12 VDC)
CM-1600-EFV3U (24 VDC)



CM-1600-EAV3U (120 VAC)
CM-1600-EBV3U (24 VDC)
CM-1600-EDV3U (12 VDC)
CM-1600-EJV3U (230 VAC)



IDLER GEAR SIZES

NOTE: IDLER GEARS MAY COME IN THREE SIZES WITH 22 (1:2 RATIO), 33 (1:3 RATIO) AND 44 (1:4 RATIO) TEETH. IN THE CM KIT PART NUMBER AFTER "W" OR "V" IS A NUMBER WHICH CORRESPONDS TO THE GEAR RATIO OF THE IDLER GEAR. THIS NUMBER EITHER 2, 3, OR 4 WILL CHANGE TO MATCH THE GEAR SIZE. ABOVE CM KITS ARE SHOWN WITH #3.
EX: CM-1600-EAV4 HAS A IDLER GEAR WITH 1:4 RATIO OF 44 TEETH

REVISION: -
ECO NO.: NA
DRAWN BY: JKUCERA
DATE: 2/16/2014

DRUM WIDTH DISK SIZE
16 60 - 15 24 - EA
PLUMBING SIZE MOTOR KIT
60 = 1" CM-1600
80 = 1.5"

#	ITEM	QTY	PART #	DESCRIPTION
COMMON COMPONENTS	1	8	157	WASHER: 3/8" NARROW
	2	18	312	BOLT: 5/16-18 X 3/4" HEX
	3	8	112	WASHER: 5/16" LOCK
	4	1	17095	SET SCREW: 1/4-20 x 1/4" SS
	5	1	7460-13	EDGE TRIM 13.5" LONG
	6	1	7429-2-4	ASSEMBLY: DRAG BRAKE
	7	2	153	RING: 5100-81 RETAINING
	8	2	481	BOLT: 3/8-16 X 1-1/2" HEX
	9	1	20064-T	HOUSING: BEARING, TOP
	10	1	20649	BEARING: .833/.836
	11	1	20064-B	HOUSING: BEARING, BOTTOM
	12	1	17086-1	SPACER: BEARING PLASTIC 1/2"
	13	1	17141	CAP: VINYL BLACK THREAD COVER
	14	20	20171	WASHER: 5/16" FLAT
	15	10	111	NUT: 5/16-18 NYLOCK
	16	4	435	NUT: 3/8-16 NYLOCK
	17	6	111-1	NUT: 5/16-18 NYLOCK JAM
	18	6	16017-1	SPACER: SPROCKET
	19	6	20668	SCREW: 5/16-18 x 1-1/4" TRUSS

#	ITEM	QTY	PART #	DESCRIPTION
1660	30	1	7231-	ASSEMBLY: 1" SWIVEL, 4000 PSI
	31	2	15012	RING: RETAINING, 5100-131
	32	1	17086-1	SPACER: BEARING PLASTIC 1/2"
	33	1	20064-B	HOUSING: BEARING, BOTTOM
	34	1	7507	BEARING: 1-5/16" SPHERICAL
	35	1	20064-T	HOUSING: BEARING, TOP
	36	2	481	BOLT: 3/8-16 X 1-1/2" HEX
	37	1	17206	AXLE PLUMBING 1" WELDMENT
	40	1	20253-1	SWIVEL: 1-1/2", 4000 PSI
	41	2	20252	RING: RETAINING, 5100-187
	42	2	8960	WASHER - BEARING
	43	1	8166	ASSEMBLY: 1-1/2" BEARING BLOCK
	44	2	7696-	BOLT: 3/8-16 X 2" HEX, FULL THREAD
	45	1	17208	AXLE PLUMBING 1.5" THRD SWIVEL
	50	5	7696-	BOLT: 3/8-16 X 2" HEX, FULL THREAD
	51	6	157	WASHER: 3/8" NARROW
	52	1	20288	ASSEMBLY: 1-1/2" SWIVEL, NITRILE
	53	1	20266	RING: RETAINING, 5100-175
	54	1	20264	WASHER: BEARING
1680	55	1	8166	ASSEMBLY: 1-1/2" BEARING BLOCK
	56	3	435	NUT: 3/8-16 NYLOCK
	57	1	17208-1	AXLE PLUMBING 1.5" INLINE AL SWIVEL
	60	5	1985	BOLT, HEX, GR-5, 3/8-16UNC X 2.5"
	61	6	157	WASHER: 3/8" NARROW
	62	1	8956	PLATE-CLAMP-SWIVEL
	63	1	8955	HOUSING - SWIVEL 1-1/2" INLINE
	64	2	8960	WASHER - BEARING
	65	1	20252	RING: RETAINING, 5100-187
	66	1	8960-1	THRUST BEARING WASHER
	67	1	8954	ASSEMBLY: BEARING HOUSING 1.5"
	68	3	435	NUT: 3/8-16 NYLOCK
	69	1	17208-1(B)	AXLE PLUMBING 1.5" INLINE ST SWIVEL



CM-1600-XXXX WHERE XXXX MATCHES REEL MODEL

EXAMPLE: 1660-1524-EAW2 USES CM-1600-EAW2



16XX -

DISK SIZE / FRAME HEIGHT

XX 20 XX 24 XX 28

ITEM	QTY	PART #	PART #	PART #	DESCRIPTION	* CONDITIONAL NOTE
* 20-Es	1	20396	20397	20398	CHAIN #35	* 20396 ON ALL DISK SIZES
* 21-Es	1	20394	20502-15	20500-15	SPROCKET 122, 138 OR 180 TOOTH	* 20394 ON ALL DISK SIZES
* 20-A	1	20396	20396	20397	CHAIN #35	* 20396 ON ALL DISK SIZES
* 21-A	1	20394	20394	20502-15	SPROCKET 122, 138 OR 180 TOOTH	* 20394 ON ALL DISK SIZES
* 20-AB,H	1	20396	20396	20396	CHAIN #35	* 20396 ON ALL DISK SIZES
* 21-AB,H	1	20394	20394	20394	SPROCKET 122, 138 OR 180 TOOTH	* 20394 ON ALL DISK SIZES
23	1	7799-1	7603-3	7627-3	DISK 20", 24" OR 28"	
26	1	7799-1	7603-2	7627-2	DISK 20", 24" OR 28"	



16XX -

FRAME WIDTH

08 09 11 13 15 20 22 24 25 28 33 XX

ITEM	QTY	PART #	PART # - SUFFIX	DESCRIPTION
24	1	17201 -	8.5 9.5 12 14 16 20 22 24 25 28 33	AXLE PLUMBING 1/2" DRY AXLE
25	1	7604-1 -	8.5 9.5 12 14 16 20 22 24 25 28 33	DRUM: 10-1/2" CENTER, SYMMETRIC



WELDED FRAME

ITEM	QTY	PART #	DESCRIPTION	THE SUFFIX OF 17270 MATCHES THE SUFFIX OF THE 1600 MODEL
22	1	17270-xxxx	FRAME WELDMENT	EXAMPLE: 1660-1524 USES FRAME 17270-1524
	1	17275-xxxx	FRAME/ROLLER ASSY	BOTTOM 4 ROLLERS: SAME RULES AS ABOVE BUT ROLLERS ARE PART OF FRAME