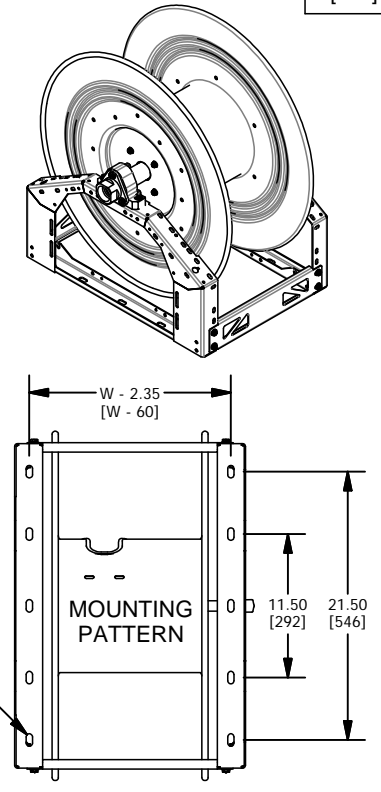
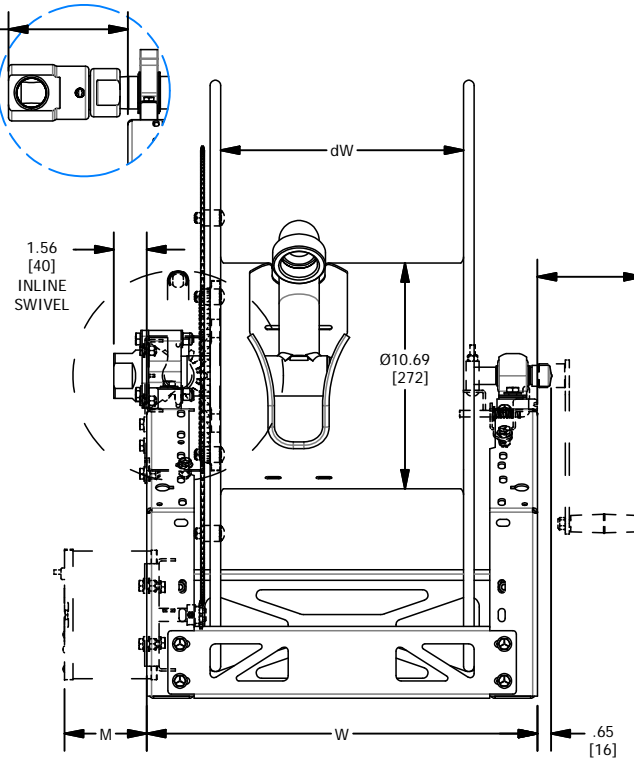
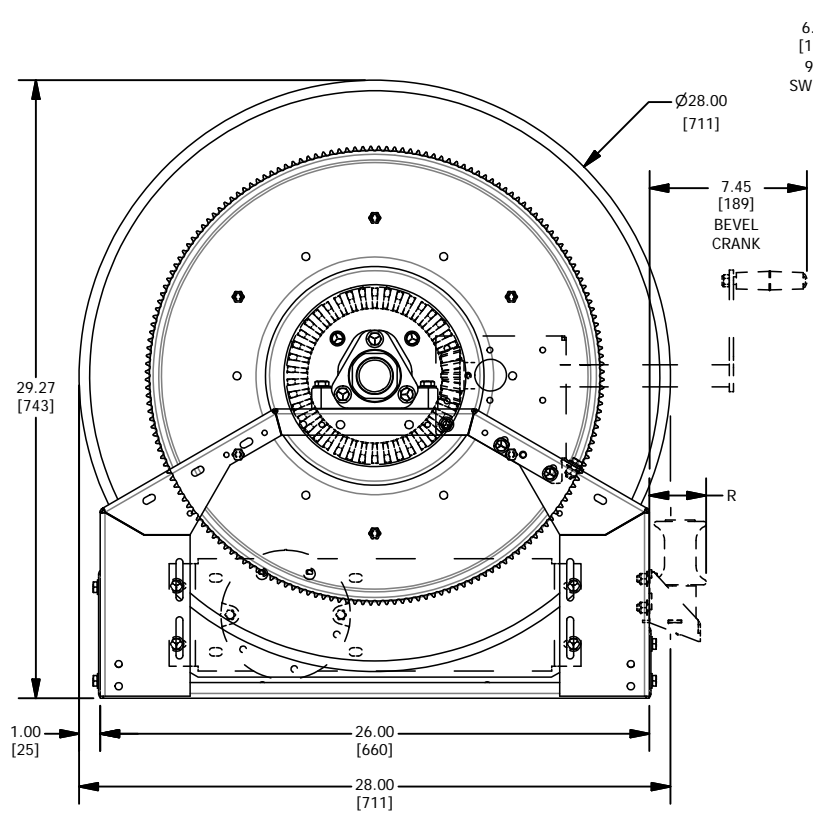


in[mm]



DIMENSION M in[mm]					
MOTOR DRIVE SYSTEM	DIRECT DRIVE	+ IDLER GEAR	+ CLUTCH	+ IDLER & CLUTCH	DRIVE OPTIONS
ELECTRIC MOTOR: 1/3 HP (12VDC,24VDC)	4.25 [110]	5.00 [130]	4.25 [110]	5.00 [130]	IDLER GEAR 1:2, 1:3, 1:4 RATIO
ELECTRIC MOTOR: 1/2 HP (12VDC,24VDC,115VAC,230VAC)	6.00 [150]	6.88 [175]	6.88 [175]	7.88 [200]	CENTRIFUGAL CLUTCH
AIR MOTOR (4 VANE, ALUMINUM)	3.13 [80]	4.13 [105]	-	-	EXTERNAL SHAFT FOR BRAKES (ELECTRO-MAG. OR 3-WAY BRAKE)
AIR MOTOR (6 VANE, IRON)	4.75 [120]	-	-	-	EXTERNAL SHAFT FOR BRAKES
HYDRAULIC	2.88 [75]	3.75 [95]	-	-	EXTERNAL SHAFT FOR BRAKES

DIMENSION R in[mm]	
ROLLER TYPE	DIM "R"
4-WAY ROLLERS	.82 [21]
UNIVERSAL 4-WAY ROLLERS	1.21 [31]
3-WAY ROLLERS	2.76 [70]
UNIVERSAL 3-WAY ROLLERS	3.15 [80]

MATERIAL SPECIFICATIONS		
COMPONENT	MATERIAL	OPTIONS
PLUMBING	ZINC PLATED STEEL	316 STAINLESS STEEL
SWIVEL	NI PLATED STEEL (INLINE)	316 STAINLESS STEEL INLINE OR 90°, 90° NI PLATED STEEL
SEALS	NITRILE	VITON, EPDM
REEL	STEEL	-
BEARINGS	BRONZE & TEFLON INFUSED PLATING	-
DRAG BRAKE	NYLON	BRAKE PAD MATERIAL
CHAIN GUARD	STEEL	ABS
FINISH	BLUE POWDER COAT	RED, GREEN, WHITE, BLACK, GREY

MODEL	dW in[mm]	W in[mm]	1.5" (2.06" OD) CAPACITY ft[m]	1.25" (1.81" OD) CAPACITY ft[m]	SHIPPING WEIGHT lb[kg]
1680-0828	8 [200]	15 [380]	50 [15]	80 [25]	88 [40]
1680-0928	9.5 [240]	16.5 [420]	70 [20]	100 [30]	90 [41]
1680-1128	11.5 [290]	18.5 [470]	90 [25]	125 [35]	93 [42]
1680-1328	13.5 [340]	20.5 [520]	100 [30]	150 [45]	96 [44]
1680-1528	15.5 [390]	22.5 [570]	125 [35]	175 [50]	99 [45]
1680-2028	20 [510]	27 [690]	150 [45]	225 [65]	105 [48]
1680-2228	22 [560]	29 [740]	180 [55]	250 [75]	108 [49]
1680-2428	24 [610]	31 [790]	200 [60]	275 [84]	111 [50]
1680-2528	25 [640]	32 [815]	210 [65]	285 [86]	113 [51]
1680-2828	28 [710]	35 [890]	225 [70]	300 [90]	118 [54]
1680-3328	33 [840]	40 [1020]	275 [85]	350 [105]	126 [57]

PART NUMBER

DRUM WIDTH — DISK SIZE — ROLLERS & SETUP

16 80 - 15 28 - XX - B X XX

PLUMBING SIZE: 60 = 1", 80 = 1.5"

MOTOR, CRANK & BRAKE OPTIONS

PLUMBING & SWIVEL OPTIONS

SPECIFICATIONS		OPTIONS
PRESSURE	1500 PSI [100 BAR]	3000 PSI [200 BAR]
TEMPERATURE	-40 F TO 275 F [-40 C TO 135 C]	-60 F [-50 C] EPDM 400F [240 C] VITON
INLET THREAD	1.5" NPT FEMALE	1.5" BSPT FEMALE
OUTLET THREAD	1.5" NPT FEMALE	1.5" NPT MALE, BSPP FEMALE, BSPT MALE, NST

UNLISTED OPTIONS & CUSTOM REELS

NOT ALL OPTIONS ARE LISTED, CONTACT YOUR SALES REPRESENTATIVE OR FACTORY FOR ADDITIONAL OPTIONS & CUSTOM MODIFICATIONS

COXREELS

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1-800-COX-REEL www.coxreels.com

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TITLE: **1600 SERIES, 28" DISK, 1.5" PLUMBING**

DWG. NO.: 1680-XX28

REV. **B**

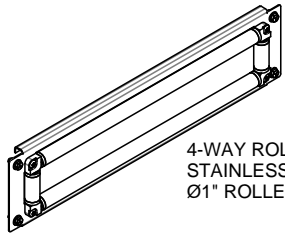
3RD ANGLE

INTERPERT PER ASME : Y14.5M-1994 DO NOT SCALE DWG.

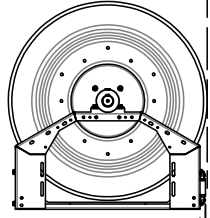
SIZE: A

SHT:1 OF:2

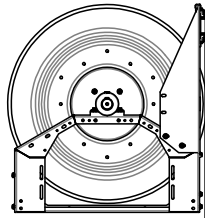
ROLLER BRACKET OPTIONS



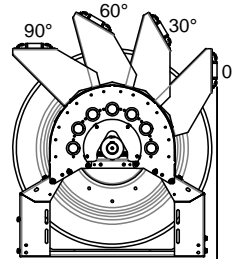
4-WAY ROLLERS
STAINLESS STEEL
Ø1" ROLLERS



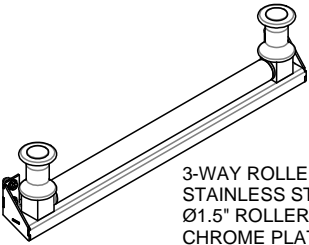
BOTTOM
4-WAY ROLLERS
←.74
[19]



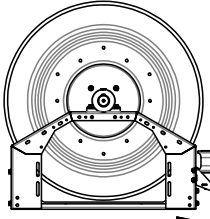
TOP
4-WAY ROLLERS
←.82
[21]



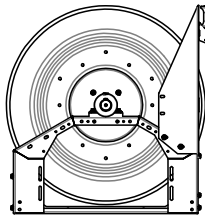
UNIVERSAL
4-WAY ROLLERS
←1.75
[44]



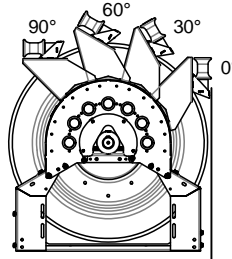
3-WAY ROLLERS
STAINLESS STEEL
Ø1.5" ROLLER
CHROME PLATED
STEEL SPOOLS



BOTTOM
3-WAY ROLLERS
←2.69
[68]



TOP
3-WAY ROLLERS
←2.76
[70]

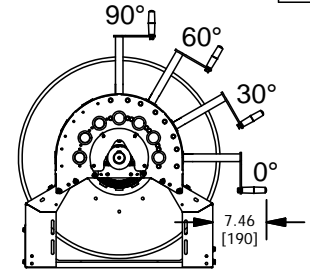
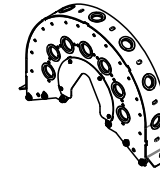


UNIVERSAL
3-WAY ROLLERS
←1.53
[39]

BEVEL CRANK UNIVERSAL OPTION

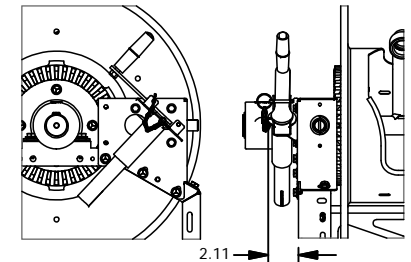
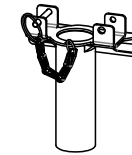
UNIVERSAL BEVEL CRANK MOUNT
ALLOWS FOR VARIOUS ANGLES
WORKS WITH OR WITH OUT 3 OR 4
WAY ROLLERS

in[mm]



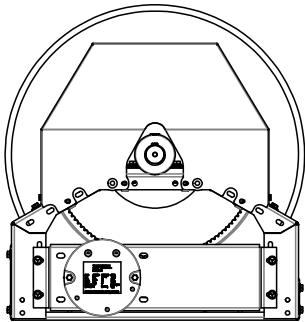
BEVEL CRANK HANDLE HOLSTER

HOLSTER INCLUDES RETAINING
PIN FOR AUXILIARY CRANKS &
MOUNTS TO ANY BEVEL MOUNT
BRACKET & DIRECTLY TO FRAME

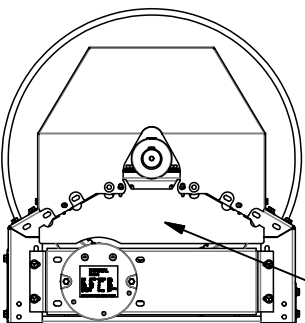
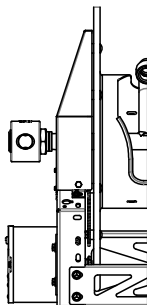


2.11
[54]

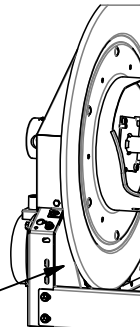
GUARDING OPTIONS



ABS FORMED OR METAL CHAIN &
BEVEL GEAR GUARDS DEPENDING
ON SPROCKET SIZE



LOWER CHAIN GUARD COVERS
ACCESS TO CHAIN FROM OUTSIDE
AND INSIDE OF FRAME



3-WAY PIN LOCK

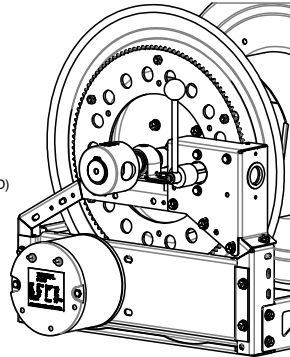
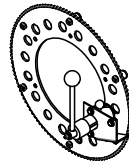
(3 POSITION HEAVY DUTY PIN LOCK)

PATENT PENDING

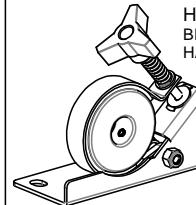
¾" SOLID STEEL PIN
LOCKING EVERY 20°
EXTERNAL GREASE FITTING

3 POSITIONS

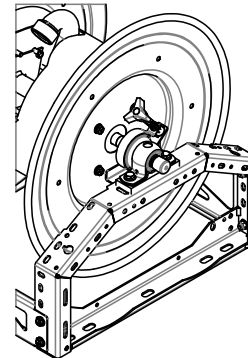
- 1) LOCKED REEL
- 2) FREE SPIN
- 3) LEVER ACTIVATED REWIND
(TRIGGERS ELECTRIC MOTOR REWIND)



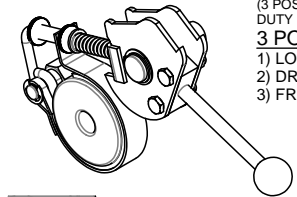
BRAKE UPGRADES



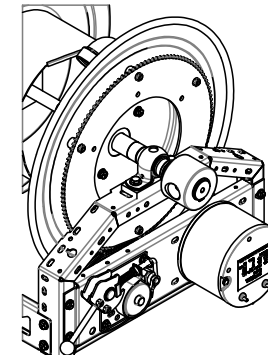
HEAVY DUTY BAND BRAKE
BRAKE PAD LINED BAND
HARDENED STEEL DRUM



HEAVY DUTY
BAND BRAKE



3-WAY BRAKE
(3 POSITION HEAVY
DUTY BAND BRAKE)
3 POSITIONS
1) LOCK REEL
2) DRAG BRAKE
3) FREE SPIN

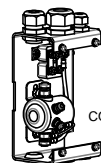


3-WAY BRAKE
ON IDLER SHAFT

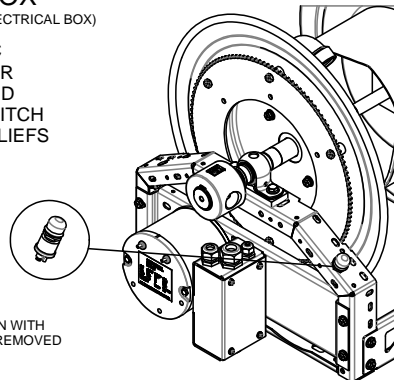
CONTROL BOX

(NEMA 1 ENCLOSED ELECTRICAL BOX)

12VDC OR 24VDC
CIRCUIT BREAKER
MOTOR SOLENOID
MOMENTARY SWITCH
WIRE STRAIN RELIEFS



SHOWN WITH
COVER REMOVED



COXREELS

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TITLE: **1600 SERIES, OPTIONS &
ACCESSORIES**

DWG. NO.:	1680-XX28	REV.	B
3RD ANGLE	INTERPERT PER ASME : Y14.5M-1994 DO NOT SCALE DWG.	SIZE: A	SHT:2 OF:2