

THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT AS WELL AS THE COMMUNICATION OF ITS CONTENTS TO OTHERS WITHOUT EXPRESS AUTHORIZATION BY ONVIO, LLC IS PROHIBITED. OFFENDERS WILL BE HELD LIABLE FOR THE PAYMENT OF DAMAGES. ALL RIGHTS RESERVED IN THE EVENT OF THE GRANT OF A PATENT, UTILITY MODEL OR DESIGN.

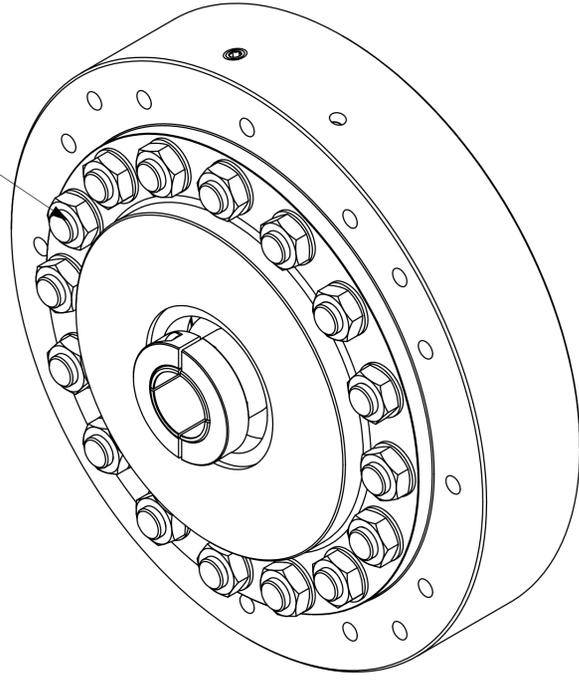
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	10/8/2019	BSL

RATIOS

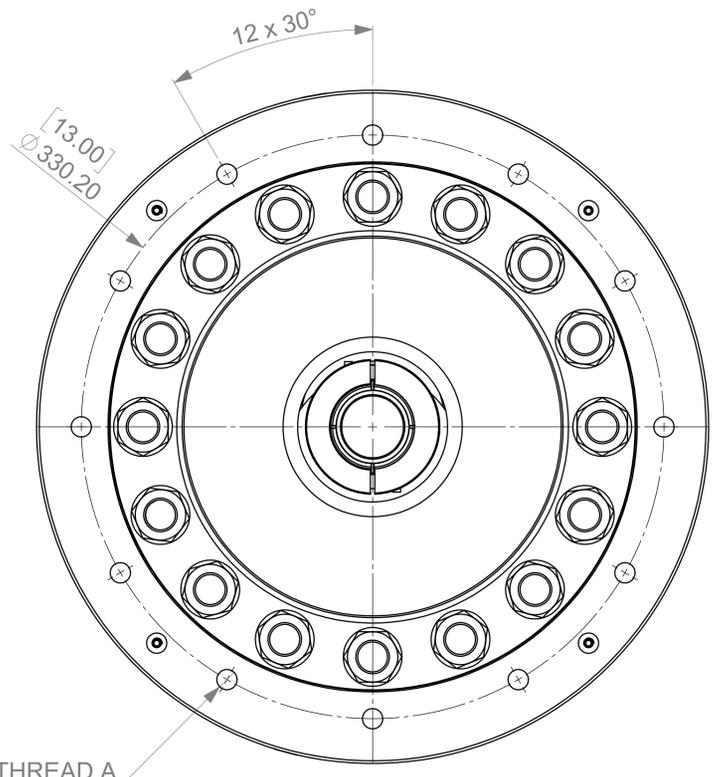
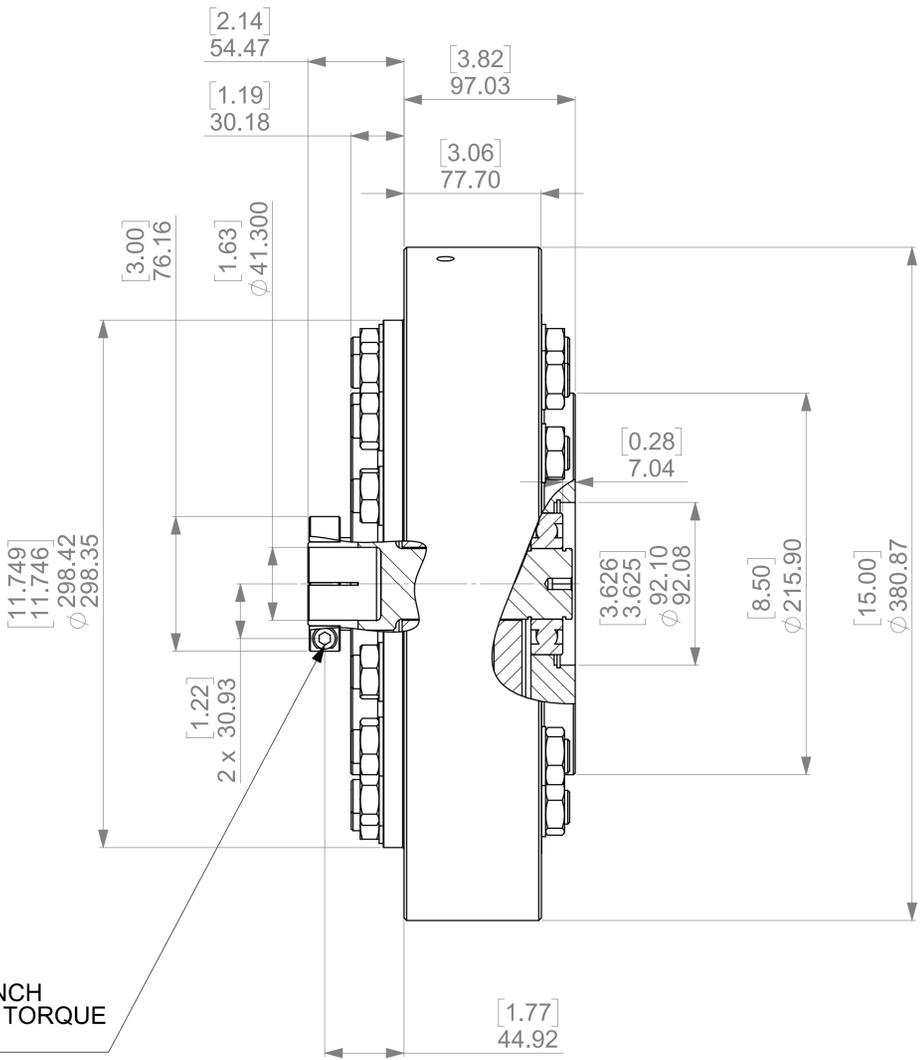
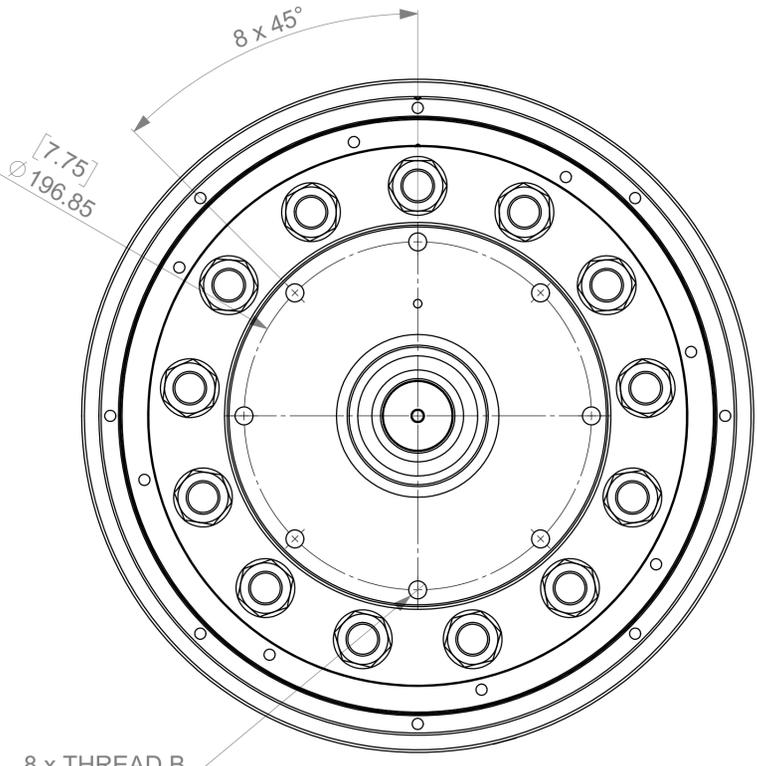
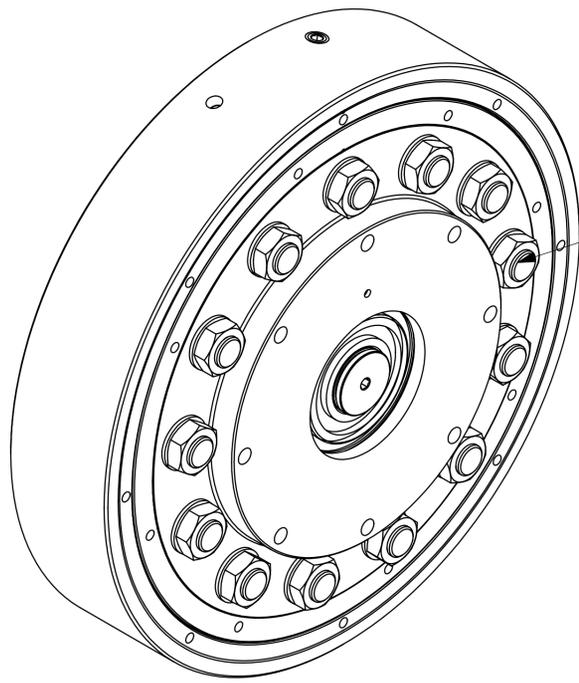
A NEGATIVE RATIO INDICATES THAT THE OUTPUT SHAFT ROTATES OPPOSITE THE INPUT SHAFT

- +10
- +12
- +15
- +16
- 24
- +25
- 27
- +28
- +32
- +33
- 39
- +40
- 44
- 54
- 55
- 64
- +65
- 77
- +78
- 90
- +91
- +100
- 104
- +105
- 120
- +121
- 143
- +144
- 168
- +169
- 195
- +196
- 224
- +225

NUMBER OF NUTS DEPENDS ON RATIO



NUMBER OF NUTS DEPENDS ON RATIO



8 x THREAD B

12 x THREAD A

CLAMP COLLAR
1/4" ALLEN WRENCH
RECOMMENDED TORQUE
435inlb

WEIGHT
70.9 Kg
156 Lb

√ Ra 1.6 (✓)

DRAWN BY: BSL	DATE: 08OCT19	SCALE: 1:2	onvio
CHECKED BY:	DATE:	UNSPECIFIED TOLERANCES PER ISO 2768 m K	
APPROVED BY:	DATE:	UNSPECIFIED EDGES PER ISO 13715	MATERIAL: M10, i=XXX, Family Variations, Collet Input
PAPER SIZE: A1	DOCUMENT TYPE: DET	LANGUAGE CODE: EN	SHEET NUMBER: 1/2
PART NUMBER: DM10RRRFTLN0000			REVISION: A

CONFIGURATION DESCRIPTION

DM10RRRFTLN0000

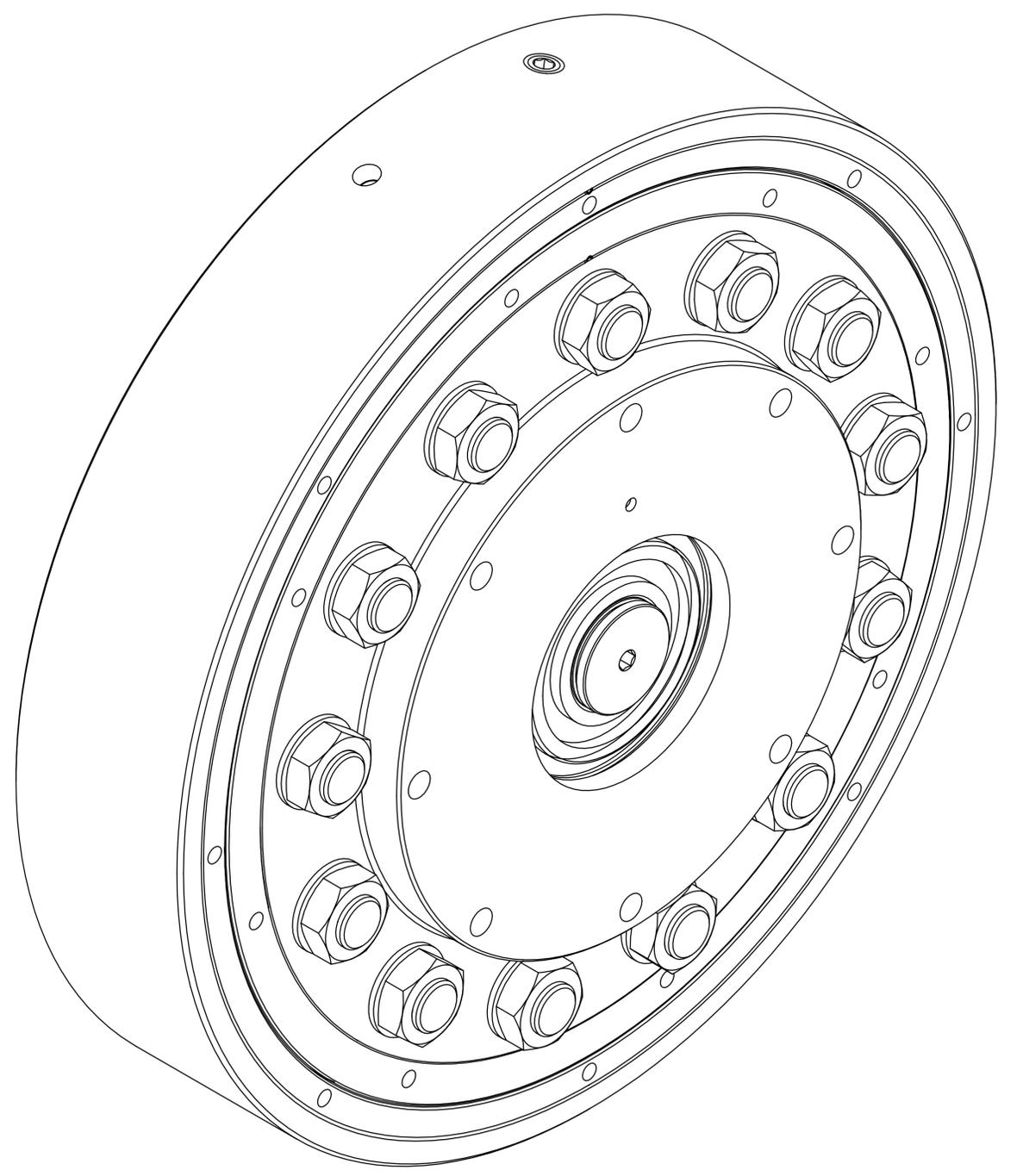
NOTE
 IF REQUIRED A MOTOR SHAFT BUSHING
 MUST BE ORDERED SEPARATELY

RRR	
VALUE	GEAR RATIO
010	+10
012	+12
015	+15
016	+16
024	-24
025	+25
027	-27
028	+28
032	+32
033	+33
039	-39
040	+40
044	-44
054	-54
055	-55
064	-64
065	+65
077	-77
078	+78
090	-90
91	+91
100	+100
104	-104
105	+105
120	-120
121	121
143	-143
144	144
168	-168
169	169
195	-195
196	196
224	-224
225	225

L	
VALUE	LUBRICATION
0	STANDARD
1	LOW TEMPERATURE
2	HIGHT TEMPERATURE
8	VACUUM
9	FOOD GRADE

T		
VALUE	THREAD A	THREAD B
E	1/2-20 ∇ 0.93"	1/2-20 ∇ 1.0"
M	M12x1.75 ∇ 23mm	M12x1.75 ∇ 25mm

F	
VALUE	HOUSING FINISH
B	BLACK OXIDE
N	NICKEL



DRAWN BY: BSL	DATE: 08OCT19	SCALE: 2:1	onvio
CHECKED BY:	DATE:	UNSPECIFIED TOLERANCES PER ISO 2768 m K	
APPROVED BY:	DATE:	UNSPECIFIED EDGES PER ISO 13715	MATERIAL: FINISH:
ALL DIMENSIONS IN MILLIMETERS		-0.4 -0.3	+0.3 +0.2
PAPER SIZE: A1	DOCUMENT TYPE: DET	LANGUAGE CODE: EN	SHEET NUMBER: 2/2
PART NUMBER: DM10RRRFTLN0000			REVISION: A

M10, i=XXX, Family Variations, Collet Input