

4

3

2

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D

D

C

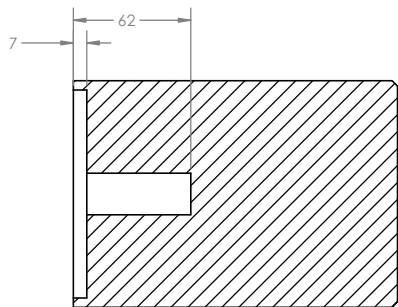
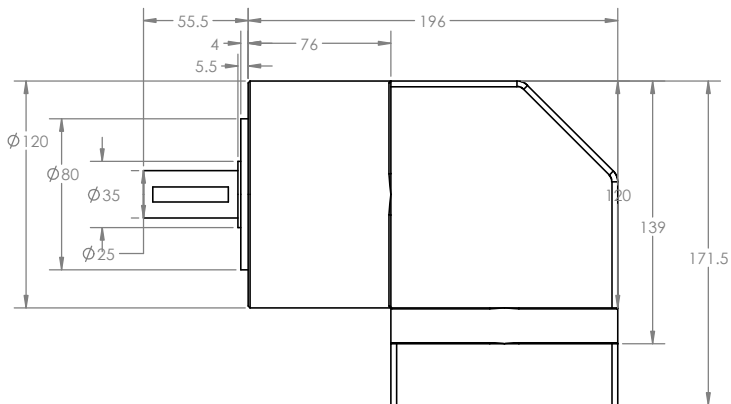
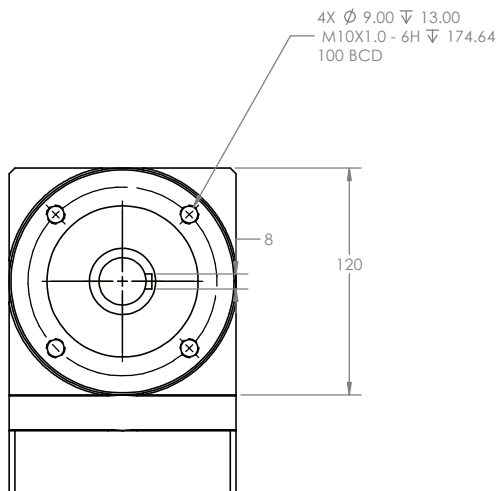
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B

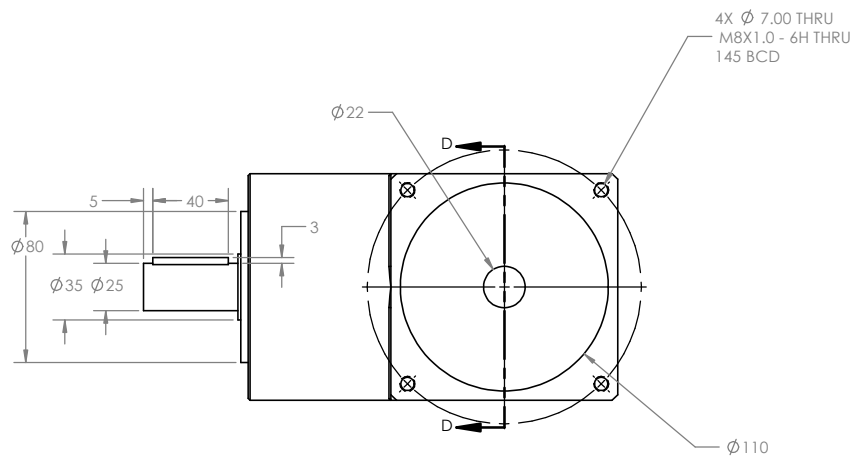
B

A

A



SECTION D-D



CVL120-L1 / A	
PART NUMBER / REV	
UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN METRIC	
DECIMALS:	ANGLES: 1/2 DEG
1/16 1/32	1/16 1/32
DO NOT SCALE DRAWING.	
DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5 2009.	

PROPRIETARY AND CONFIDENTIAL	
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HARD COPIES ARE TO BE CONSIDERED UNCONTROLLED	
ODD DASH NUMBERS SHOWN NEXT HIGHER CONSECUTIVE EVEN DASH NUMBERS OPPOSITE	
3D ANGLE PROJECTION	

1959 N. Peace Have Rd. Winston-Salem, NC 27106		
TITLE: RIGHT ANGLE GEARBOX		
SIZE	DWG. NO.	REV
C	CVL120-L1	A
SCALE: 1:2	WEIGHT:	SHEET 1 OF 2

DWN BY/DATE: COVALD INDUSTRIES / 8/24/2024

APPRV BY/DATE: /

4

3

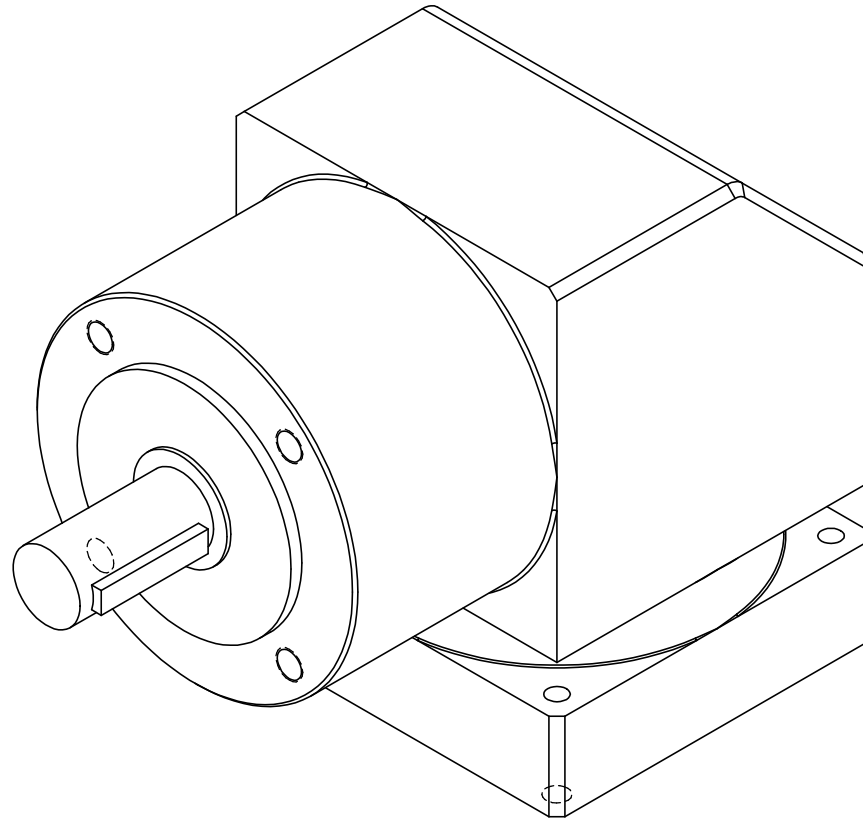
2

1

DWG. NO.: CVL120-L1B

NOTES:

- 1. MAX RPM @ RATED TORQUE: 6000 RPM
- 2. RATED RPM @ RATED TORQUE: 3500 RPM
- 3. BACKLASH: 8 ARCMIN
- 4. FULL LOAD EFFICIENCY: 95%
- 5. NOISE: 65 dB
- 6. OPERATING TEMP: 14F TO 194F
- 7. RATED TORQUE: SHOWN PER TABLE 1
- 8. MAX TORQUE: SHOWN PER TABLE 1



3D VIEW

TABLE 1

PART NUMBER	GEAR RATIO	RATED TORQUE (N-M)	MAX TORQUE (N-M)
CVL120-L1-3	3:1	161	322
CVL120-L1-5	5:1	210	420
CVL-120-L1-10	10:1	86	172

CVL120-L1 / A
PART NUMBER / REV
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN METRIC TOLERANCES: H .154 M .254 S .305 X .381 DO NOT SCALE DRAWING.
ANGLE 1/2 DEG
DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5 2009.

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ODD DASH NUMBERS SHOWN NEXT HIGHER CONSECUTIVE EVEN DASH NUMBERS OPPOSITE	
3D ANGLE PROJECTION	

1959 N. Peace Have Rd. Winston-Salem, NC 27106	
TITLE: RIGHT ANGLE GEARBOX	
SIZE C	DWG. NO. CVL120-L1
SCALE: 1:2	WEIGHT: SHEET 2 OF 2