

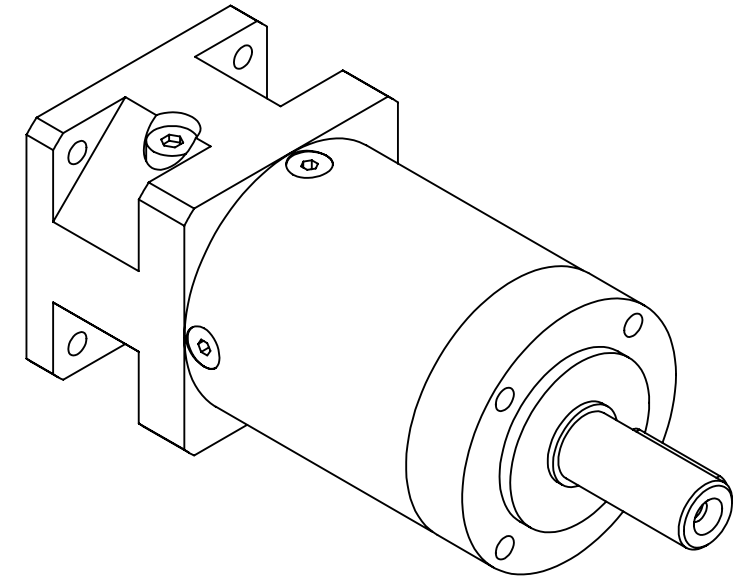
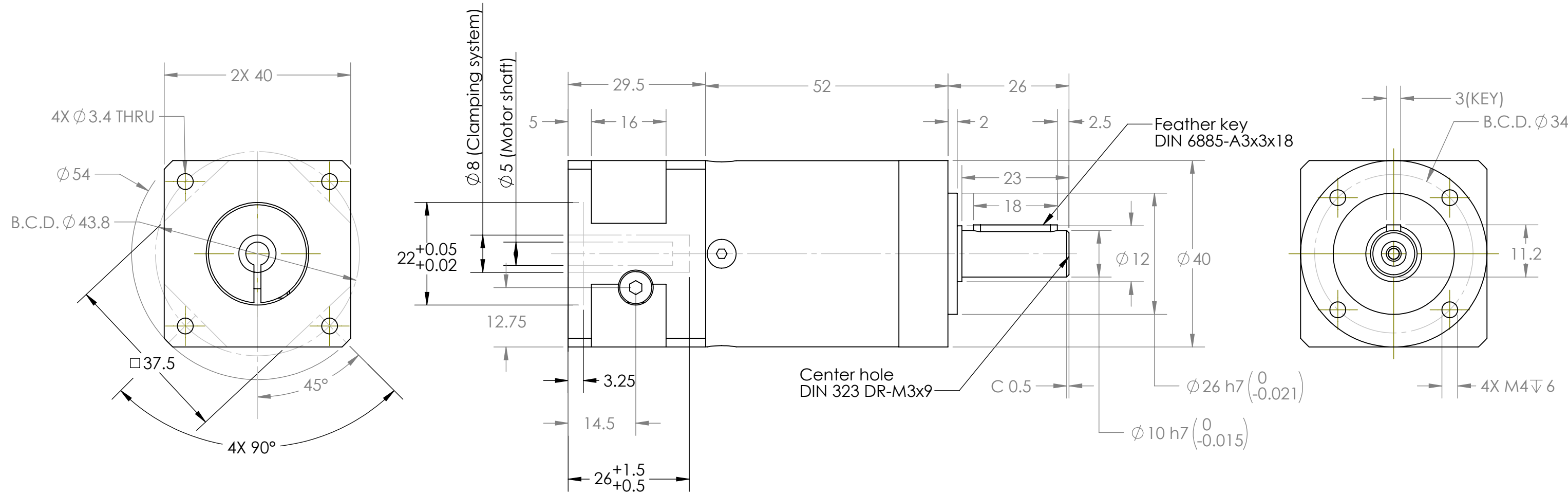
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REVISIONS				
ECO #	REV.	DESCRIPTION	DATE	APPROVED
8754	A	INITIAL RELEASE	2/14/22	K. KESLER



<p><b>Applied Motion Products</b> A MOONS' COMPANY</p> <p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APPLIED MOTION PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF APPLIED MOTION PRODUCTS IS PROHIBITED.</p>	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE:		
	DIMENSIONS ARE IN MILLIMETERS	DRAWN	R.BUI		2/9/22	
	TOLERANCES:	CHECKED	K.KESLER	2/9/22	40mm PE GEARHEAD	
	ANGULAR: ± 0.5	COMMENTS:				
ONE PLACE DECIMAL ± 0.25	MATERIAL			SIZE	DWG. NO.	REV
TWO PLACE DECIMAL ± 0.13	FINISH			<b>B</b>	40PE015-SSAE4	<b>A</b>
THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING			SCALE: 1:1	WEIGHT:	SHEET 1 OF 2

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## GEARHEAD SPECIFICATIONS

RATIO:	-	15:1
NOMINAL OUTPUT TORQUE:	Nm	18
NOMINAL OUTPUT TORQUE FOR 10,000,000 LOAD CHANGES:	Nm	9
MAX OUTPUT TORQUE FOR 30,000 OUTPUT SHAFT ROTATIONS:	Nm	29
EMERGENCY STOP TORQUE:	Nm	36
NOMINAL INPUT SPEED	RPM	5000
MAX MECHANICAL INPUT SPEED:	RPM	18000
TORSIONAL BACKLASH:	arcmin	<19
TORSIONAL STIFFNESS:	Nm/arcmin	1
EFFICIENCY:	%	96
RUNNING NOISE:	dB(A)	58
MASS MOMENT OF INERTIA:	kg-cm <sup>2</sup>	0.025
SERVICE LIFE (L10h):	HOURS	30,000
OPERATING TEMPERATURE:	°C	-25 TO +90
PROTECTION CLASS:	-	IP54
LUBRICATION:	-	STANDARD LUBRICATION (GREASE)
INSTALLATION POSITION:	-	ANY
CLAMP SCREW TIGHTENING TORQUE:	Nm	2
MAX RADIAL FORCE (L10 LIFE = 20,000 HOURS):	N	200
MAX AXIAL FORCE (L10 LIFE = 20,000 HOURS):	N	200



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THIRD ANGLE PROJECTION

MATERIAL

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	R. BUI	2/9/22
CHECKED	K. KESLER	2/9/22

COMMENTS:

TITLE:

40mm PE GEARHEAD

SIZE	DWG. NO.	REV
<b>B</b>	40PE015-SSAE4	<b>A</b>

SCALE: 1:1	WEIGHT:	SHEET 2 OF 2

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B

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B

A