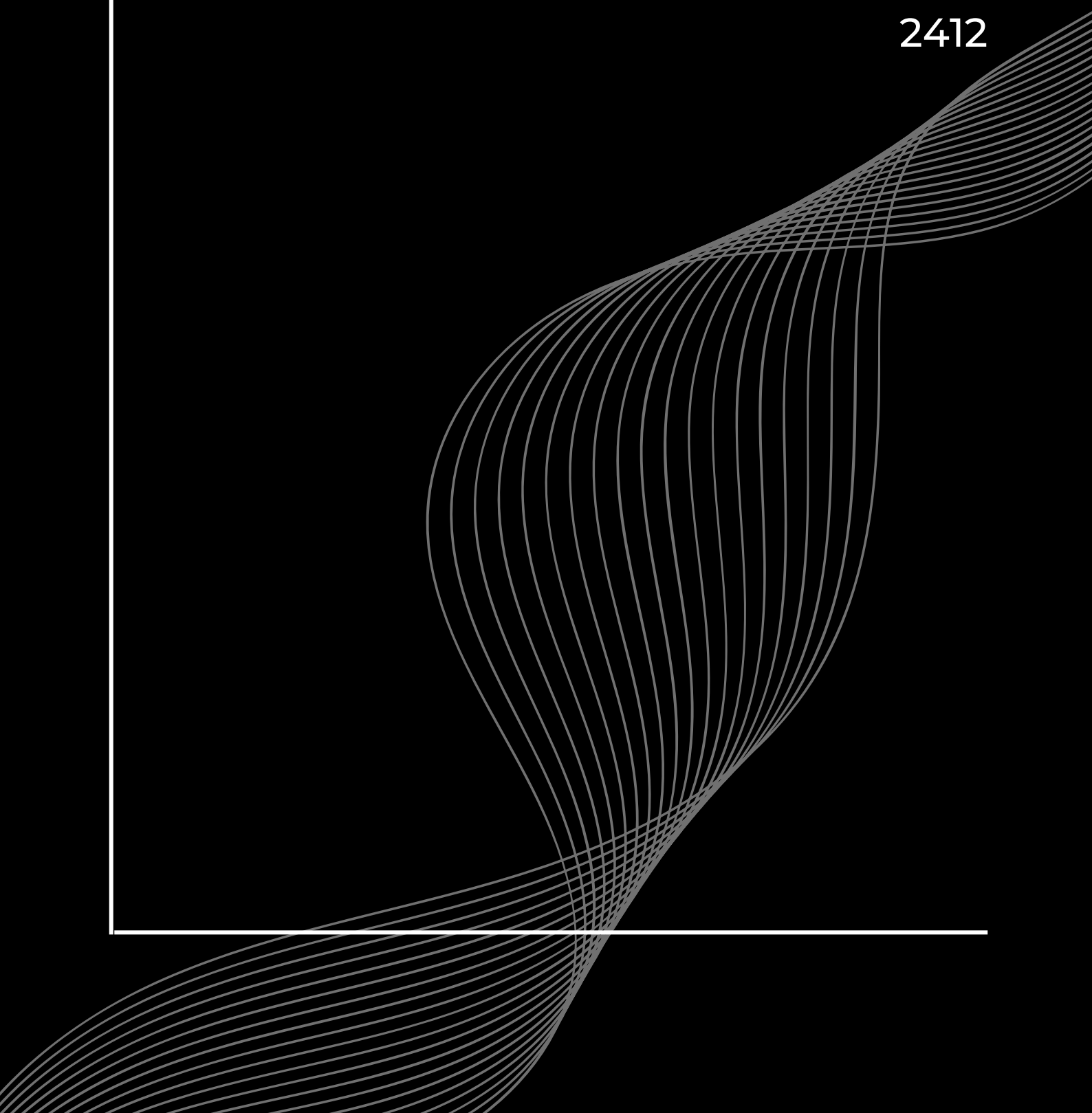


LCS-MINI SERIES

2412

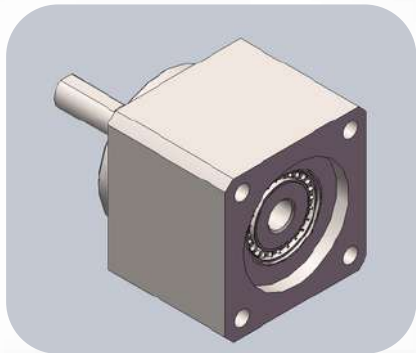


CONTENTS

LCS-MINI

◆ Product Description	3
◆ Technical Parameters	4
◆ Performance Indicators	4
◆ Size 2.5 Dimensions	5
◆ Size 3 Dimensions	6
◆ Size 5 Dimensions	7

PRODUCT DESCRIPTION



◆ Features

The LCS-mini series reducers offer outstanding positional accuracy while retaining a compact design.

◆ Ordering Code

LCS-3-50-C-I

Leaderdrive

Shape of Flexspline:
Cup-Shaped (C)

Length of Flexspline:
Standard (S)

Size Indicator (P.C.D): 2.5, 3, 5

Reduction Ratio: 50, 100 (60 for Size 2.5 Only)

Structure:
Complete Type (C)
Component Type (P) Option for Size 5 Only

Connection Type: I
Size 2.5 & 3 - Shaft Output
Size 5 - Flange Output

TECHNICAL PARAMETERS

Size	Ratio	Rated Torque at 2000 rpm/min Rated Input Speed	Maximum Allowable Torque during Start/Stop	Maximum Allowable Average Load Torque	Maximum Allowable Momentary Torque	Maximum Allowable Input Speed	Allowable Average Input Speed
		N·m	N·m	N·m	N·m	rpm/min	rpm/min
2.5	60	0.088	0.168	0.104	0.328	10000	6500
3	50	0.11	0.21	0.13	0.41	10000	6500
5	50	0.4	0.9	0.53	1.8	10000	6500
	100	0.6	1.4	0.94	2.7		

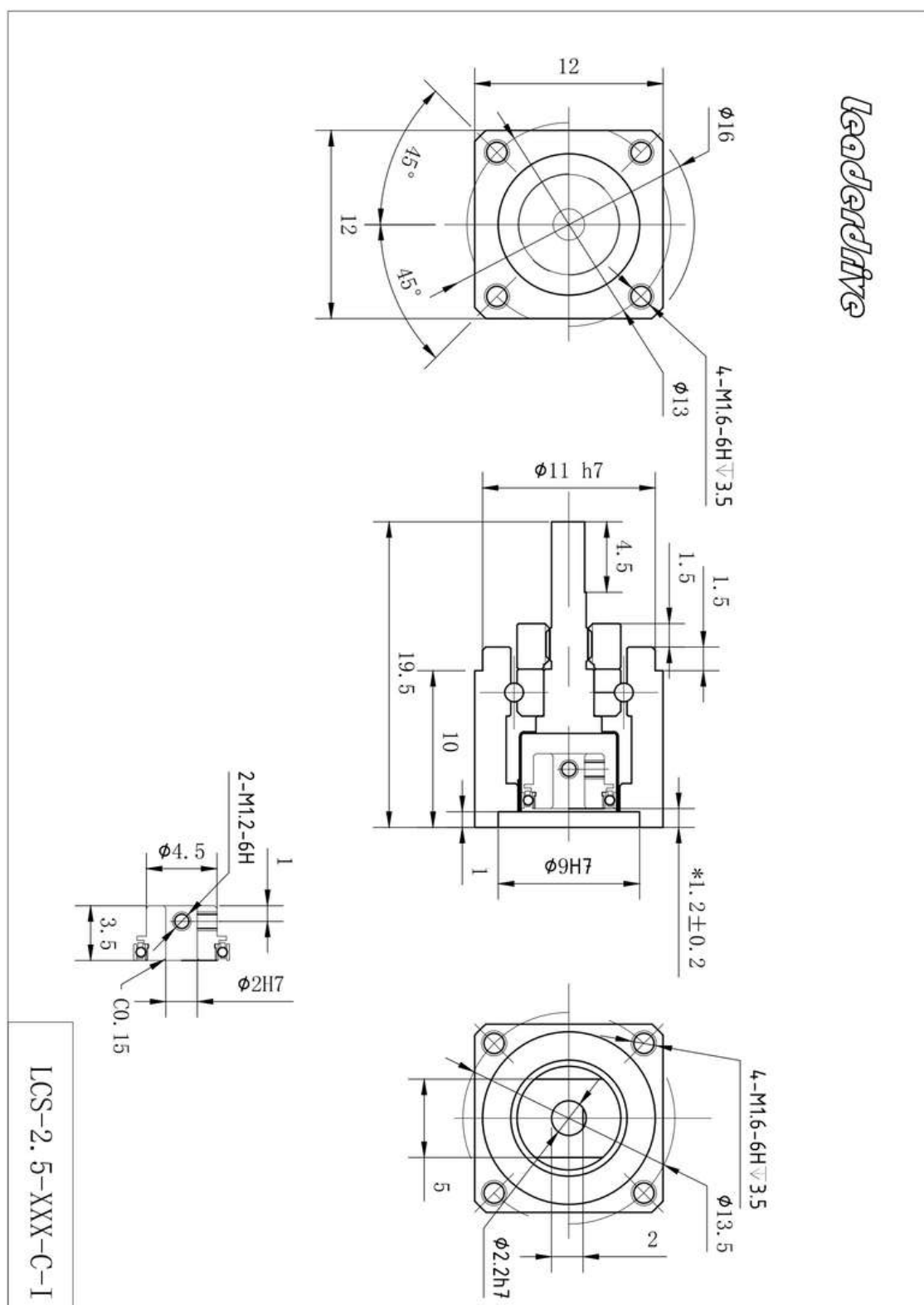
※ All data related to Size 2.5 is awaiting further testing & confirmation.

PERFORMANCE INDICATORS

	Reduction Ratio		Unit	2.5 (Ratio 60)	3	5
Positional Accuracy	≥50		arcsec	900	660	180
Hysteresis Loss	50		arcsec	360	300	180
	100		arcsec		300	180
Starting Torque	50		N·cm	0.3	0.32	0.40
	100		N·cm		0.28	0.30
Ratcheting Torque	All Ratios		N·m	0.5	3.7	9.8
Torsional Stiffness	50	K1	*10 ⁴ N·m/rad	Awaiting Tests	0.0030	0.011
		K2	*10 ⁴ N·m/rad		0.0047	0.014
		K3	*10 ⁴ N·m/rad		0.0057	0.017
	100	K1	*10 ⁴ N·m/rad	Awaiting Tests	0.0034	0.015
		K2	*10 ⁴ N·m/rad		0.0054	0.018
		K3	*10 ⁴ N·m/rad		0.0067	0.020

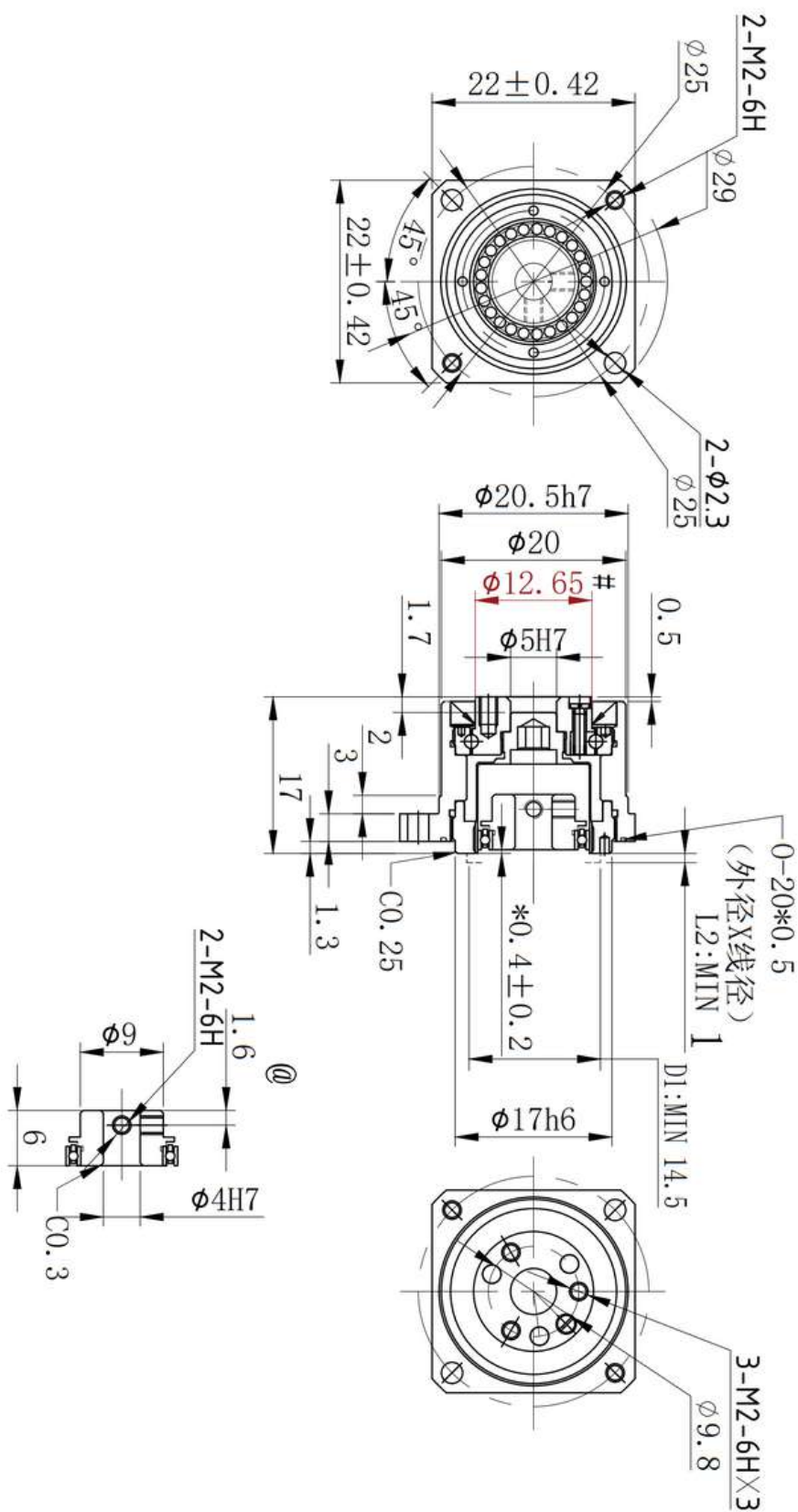
※ All data related to Size 2.5 is awaiting further testing & confirmation.

Size 2.5 Dimensions

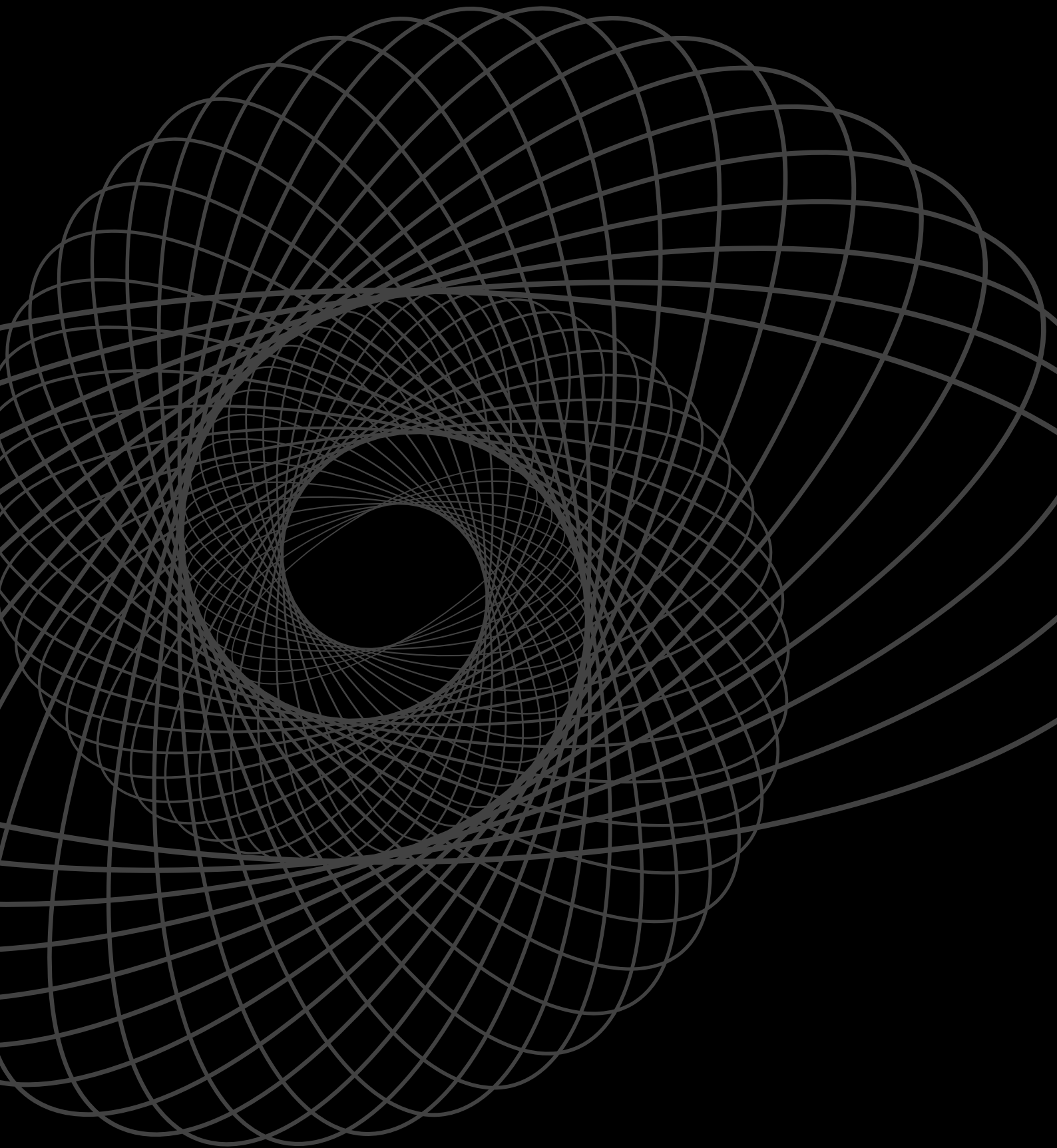


Size 5 Dimensions

leaderdrive



LCS-5-XXX-C-I



ООО «ИнноДрайв» - официальный дистрибьютор
Leaderdrive в РФ
8 (812) 317-77-93
sales@innodrive.ru
www.innodrive.ru



ИННОДРАЙВ
ТЕХНОЛОГИИ ИМЕЮТ ЗНАЧЕНИЕ

