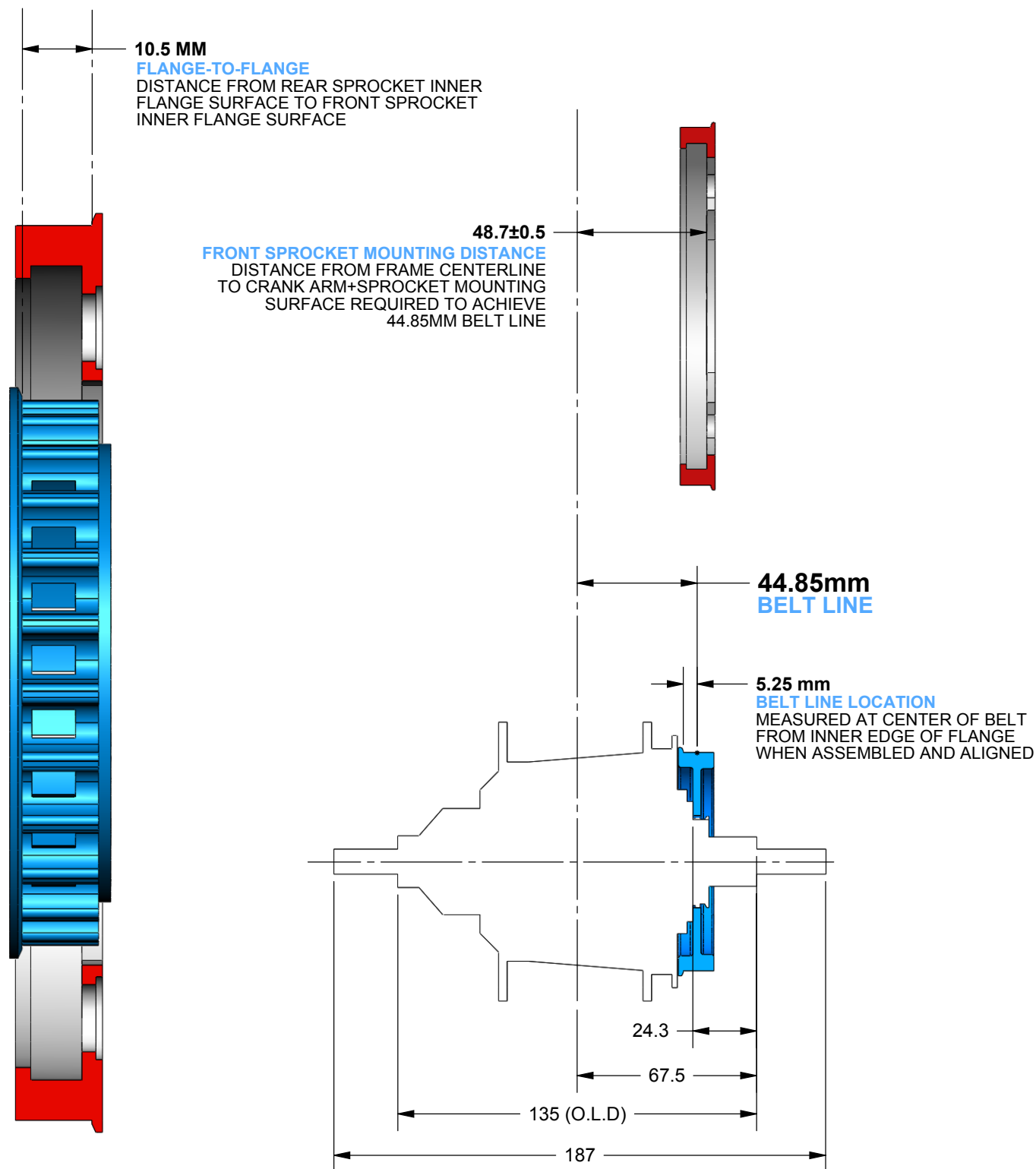


MODEL NUMBER

SG-S500/SG-S501

SHEET 1 OF 2

REV 05



NOTES:

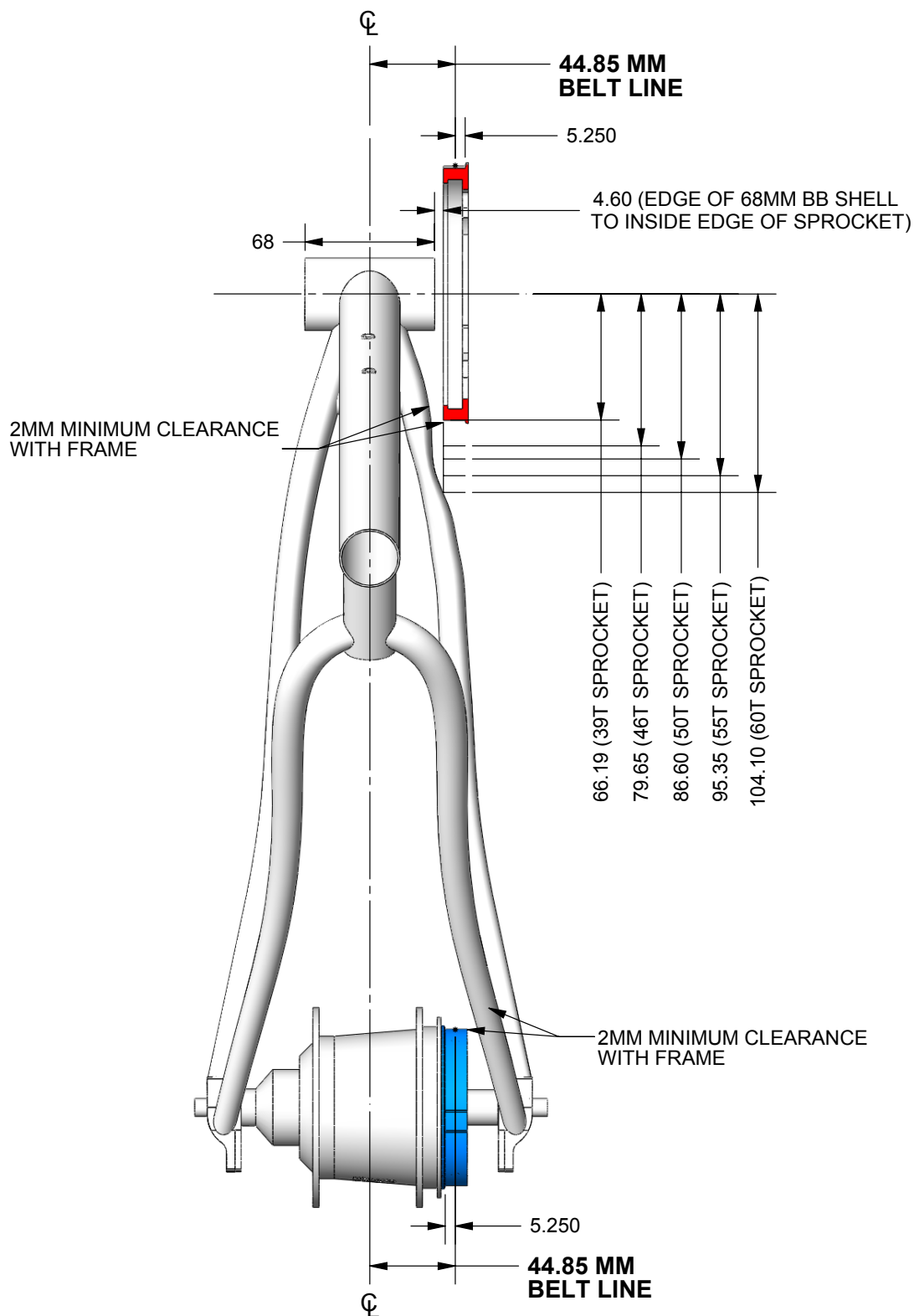
1. SHIMANO CHAINLINE SPEC: 41.8MM (FOR ALFINE CHAIN DRIVEN SYSTEM)

revision: 03

MODEL NUMBER

SG-S500/SG-S501

SHEET 2 OF 2 REV 05



NOTES:

1. SHIMANO CHAINLINE SPEC: 41.8MM (FOR ALFINE CHAIN DRIVEN SYSTEM)

revision: 03



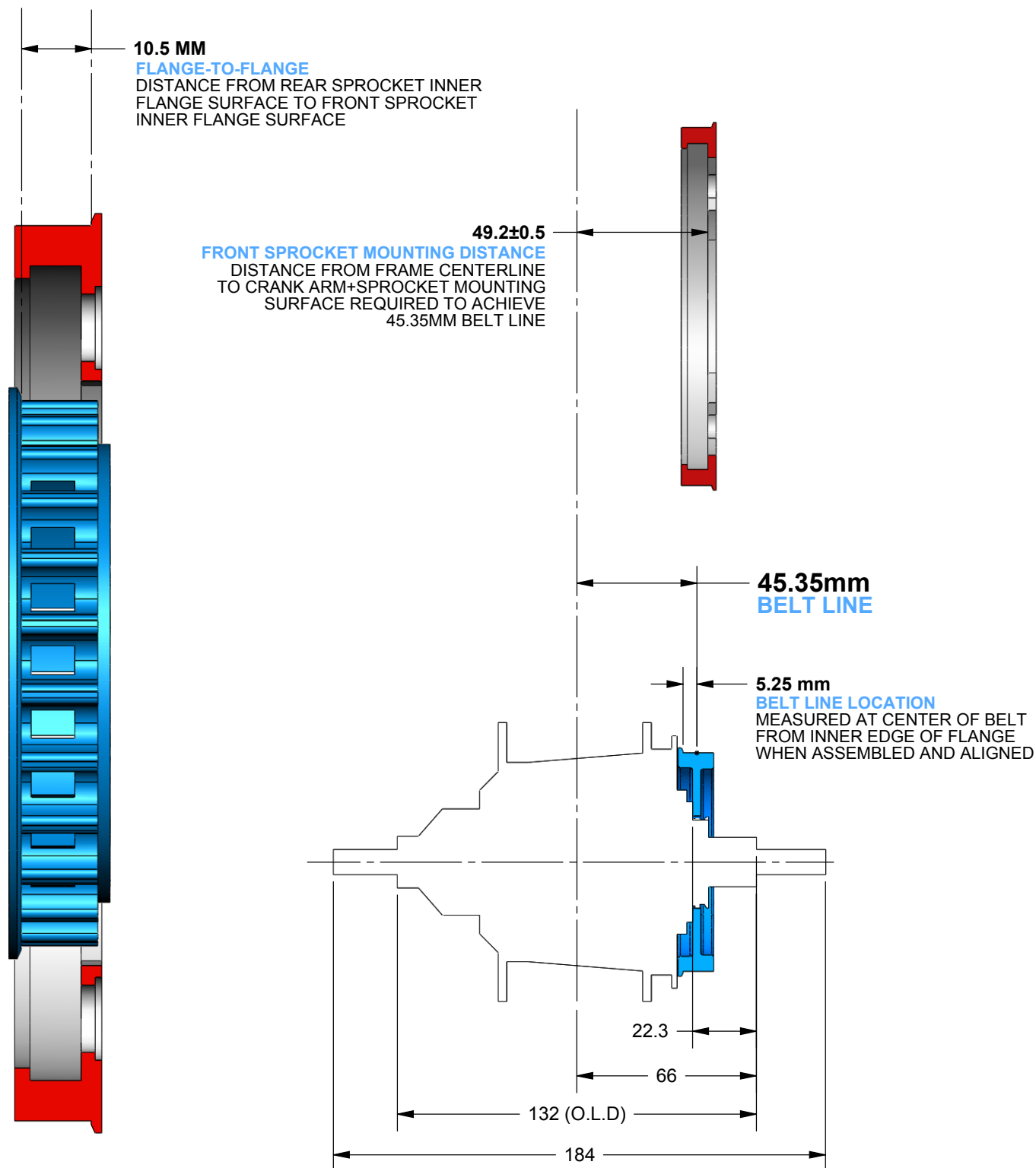
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9

MODEL NUMBER

SG-8R31

SHEET 1 OF 2 REV 02



NOTES:

1. SHIMANO CHAINLINE SPEC: 42.7MM (FOR NEXUS SG-8R31 CHAIN DRIVEN SYSTEM)

revision: 03

page.

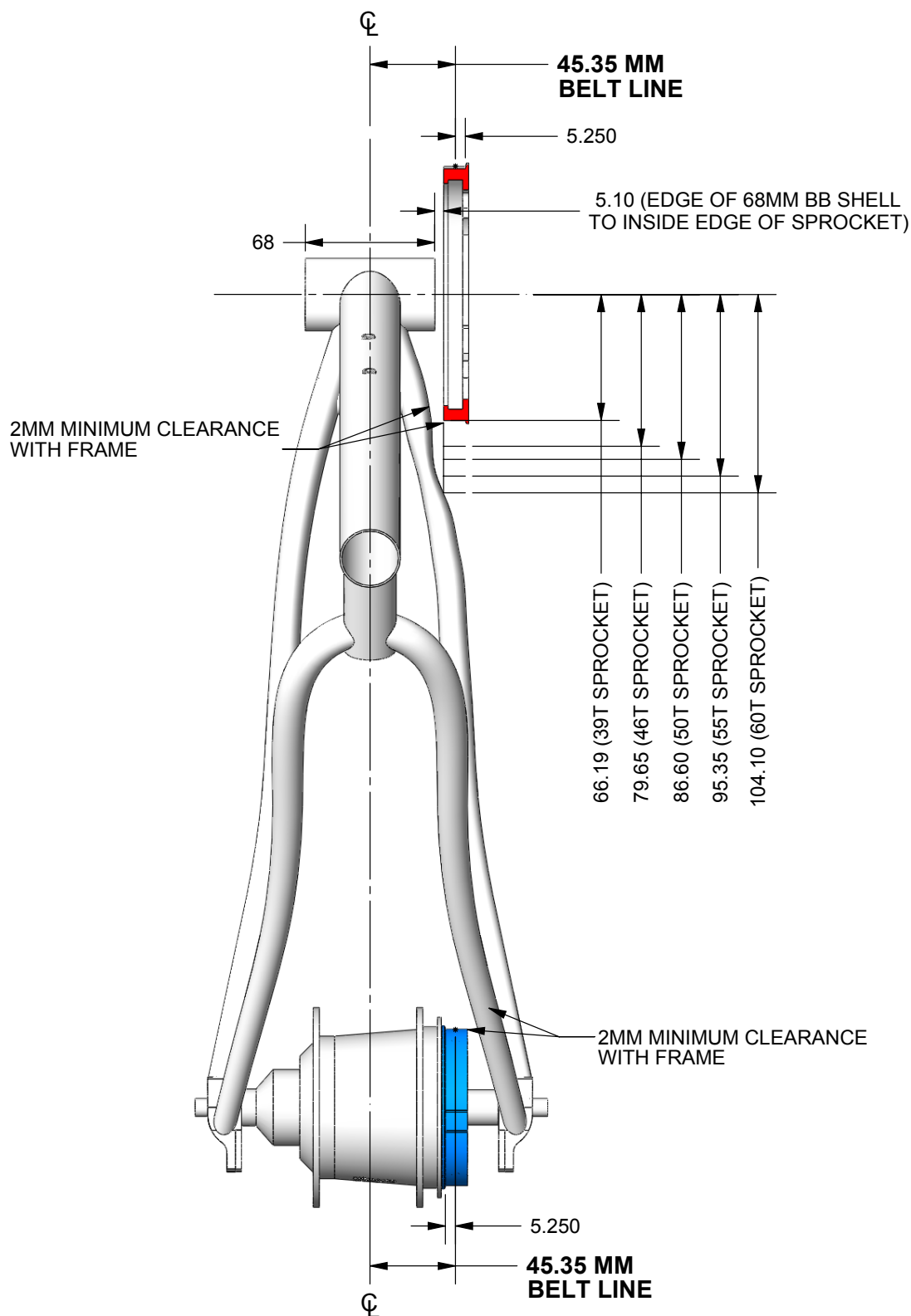
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MODEL NUMBER

SG-8R31

SHEET 2 OF 2 REV 02



NOTES:

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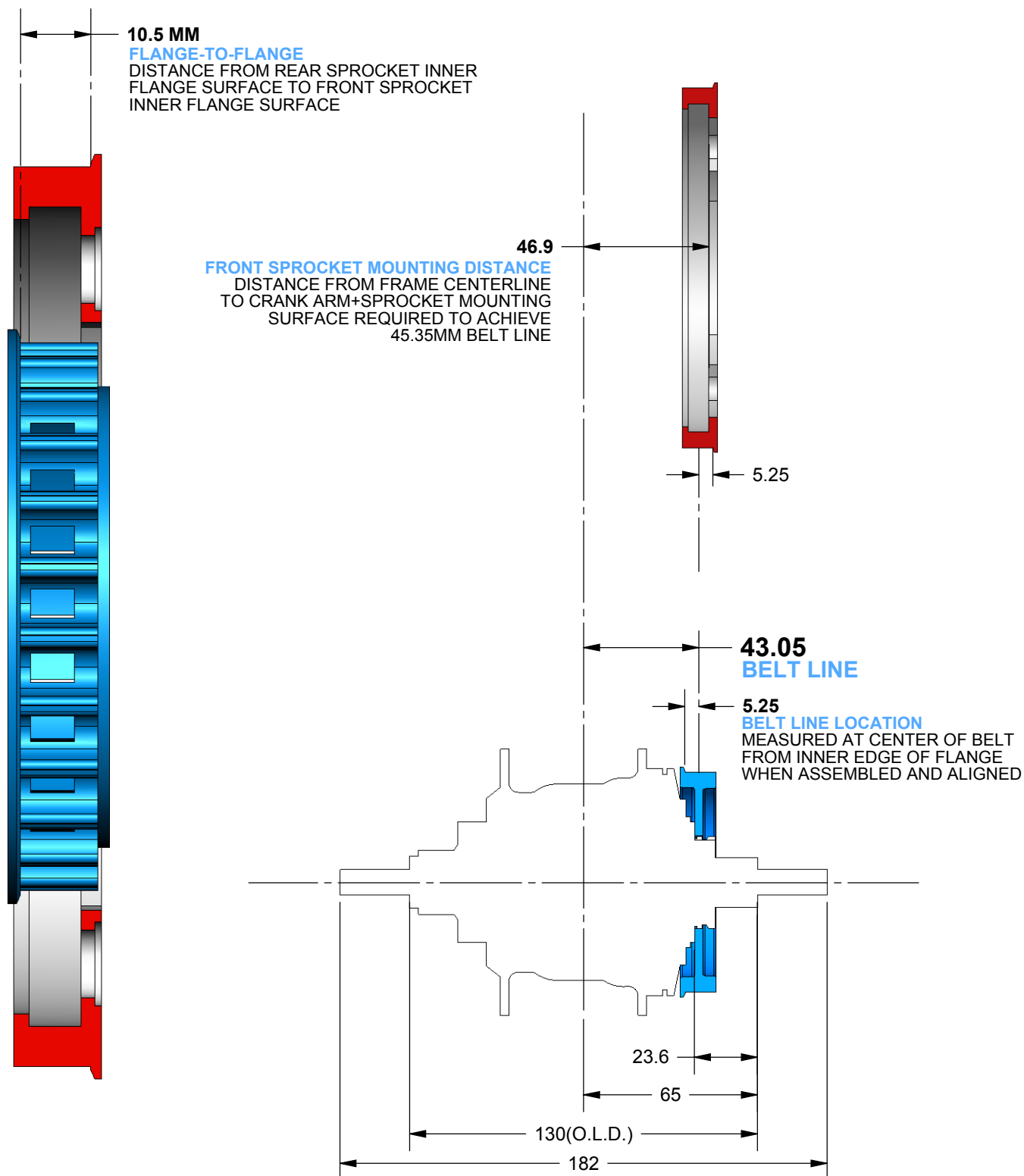
revision: 03



MODEL NUMBER

SG-7R46

SHEET 1 OF 2 REV 02



NOTES:

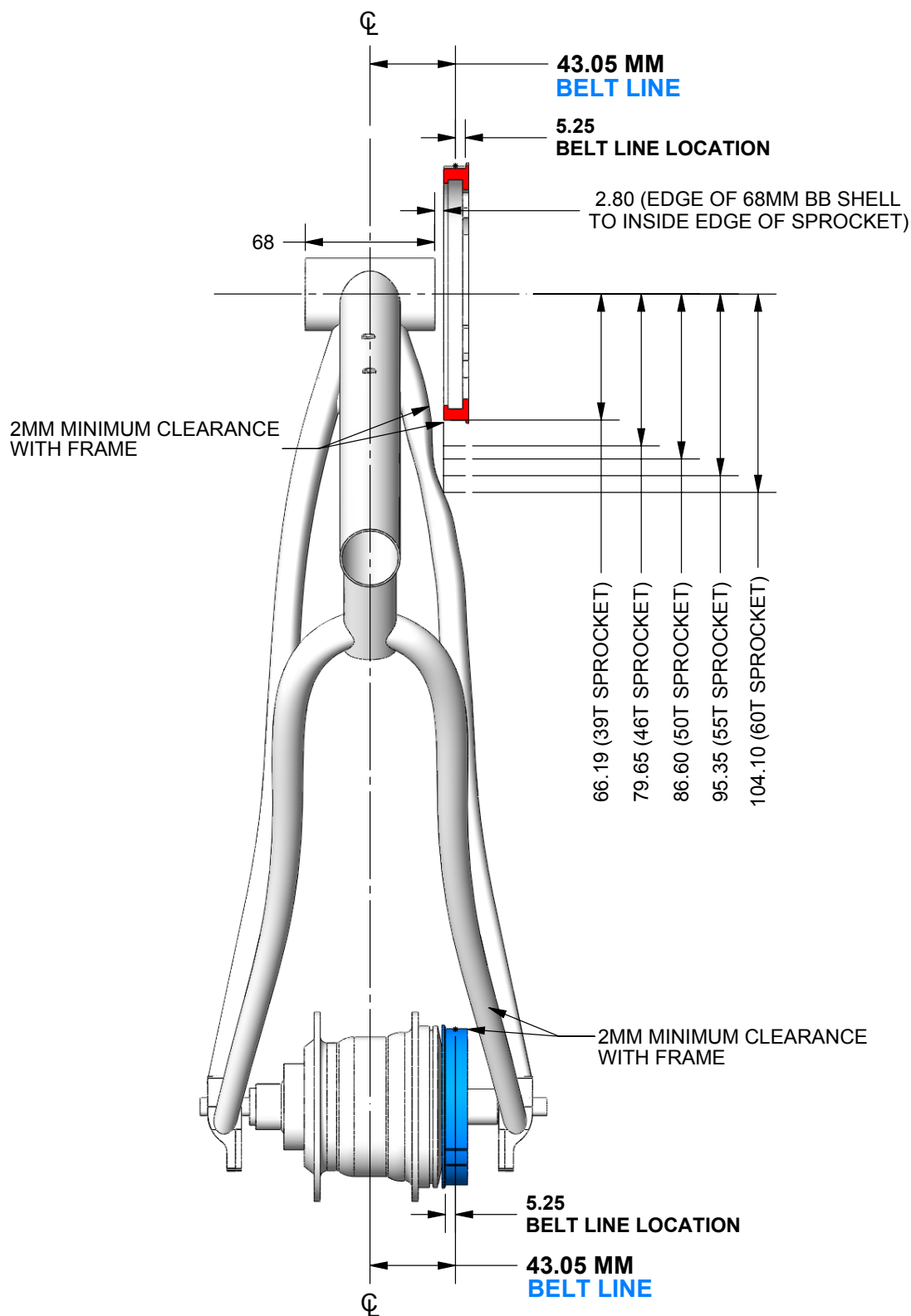
1. SHIMANO CHAINLINE SPEC: 40.3MM FOR NEXUS SG-7R46 CHAIN DRIVEN SYSTEM (WITH 18-23T REAR)

revision: 03

MODEL NUMBER

SG-7R46

SHEET 2 OF 2 REV 02

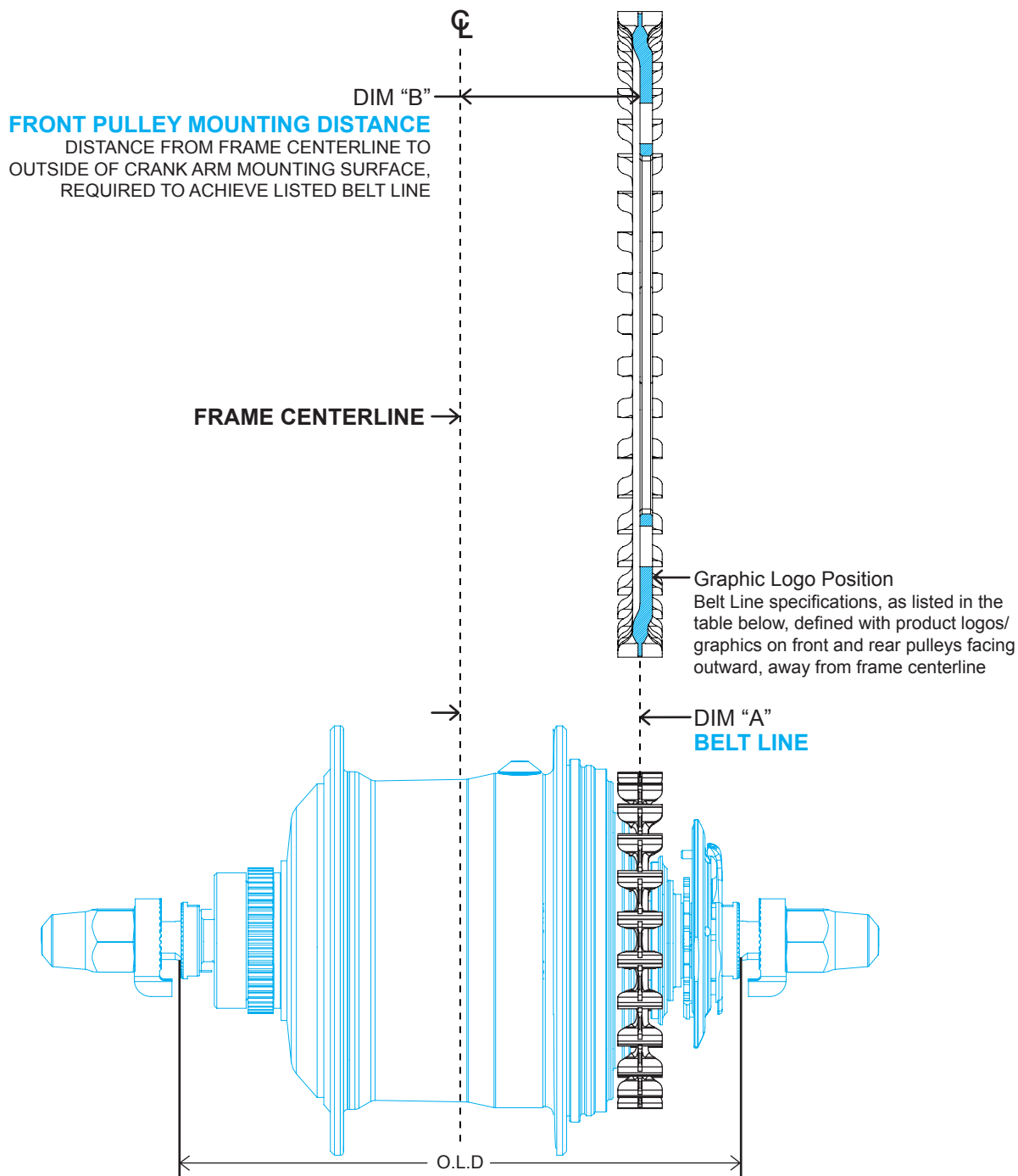


NOTES:

1. SHIMANO CHAINLINE SPEC: 40.3MM FOR NEXUS SG-7R46 CHAIN DRIVEN SYSTEM (WITH 18-23T REAR)

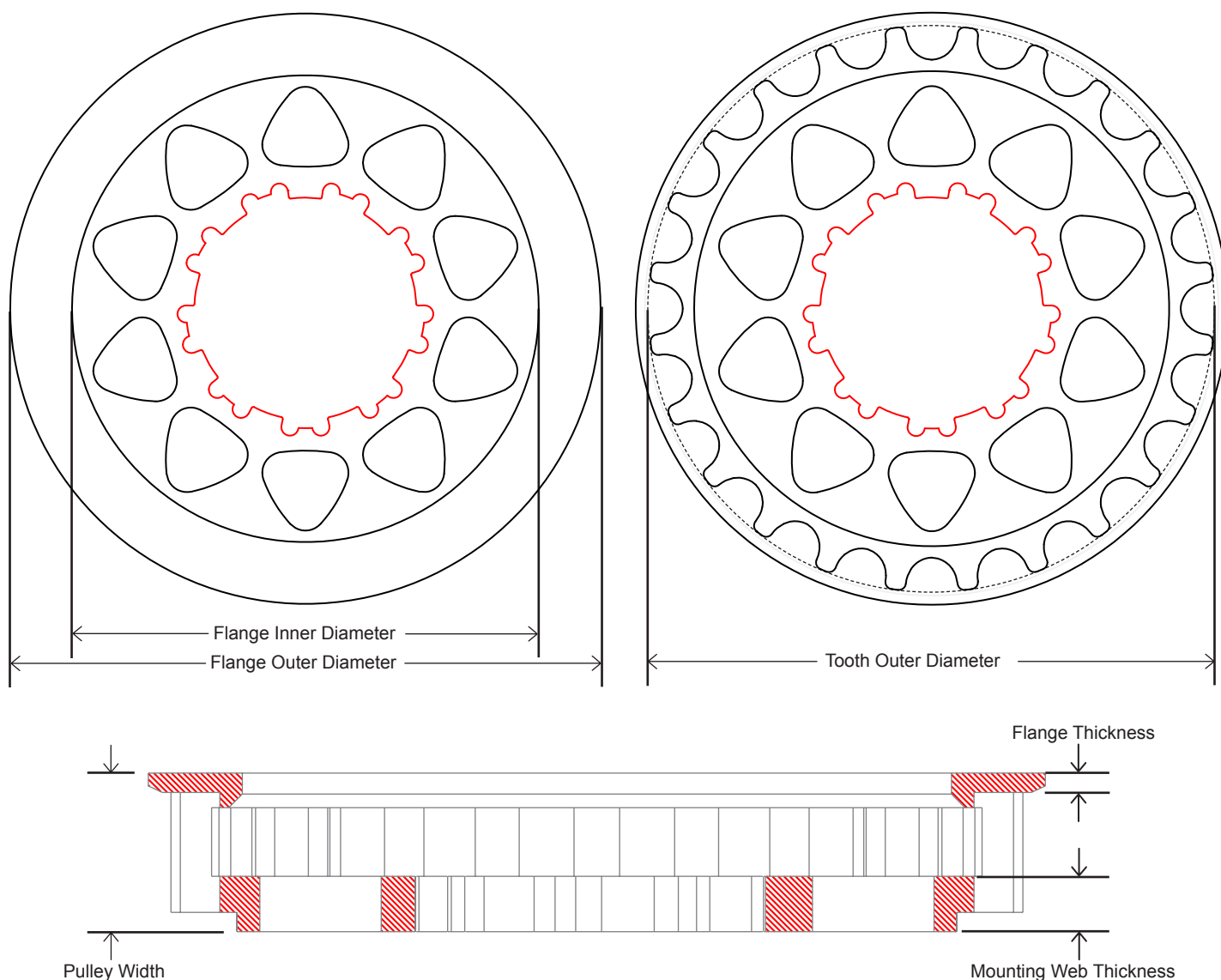
revision: 03





CenterTrack //: INTERNAL GEAR HUB BELTLINE					
Manufacturer	Hub Description	Hub Model Number	O.L.D.	DIM "A" Belt Line	DIM "B" Pulley Mount Distance
Shimano	Alfine 11	SG-S700	135	43.65	43.65
Shimano	Alfine 8	SG-S501	135	43.65	43.65
Shimano	Nexus 8	SG-8R36/8R31	132	44.55	44.55
Shimano	Nexus 7	SG-7R46	130	42.15	42.15
Shimano	Nexus 3	SG-3D55	135	43.85	43.85
Shimano	Nexus 3	SG-3C41	120	43.05	43.05
Nuvinci	CVP	N360	135	45.53	45.53

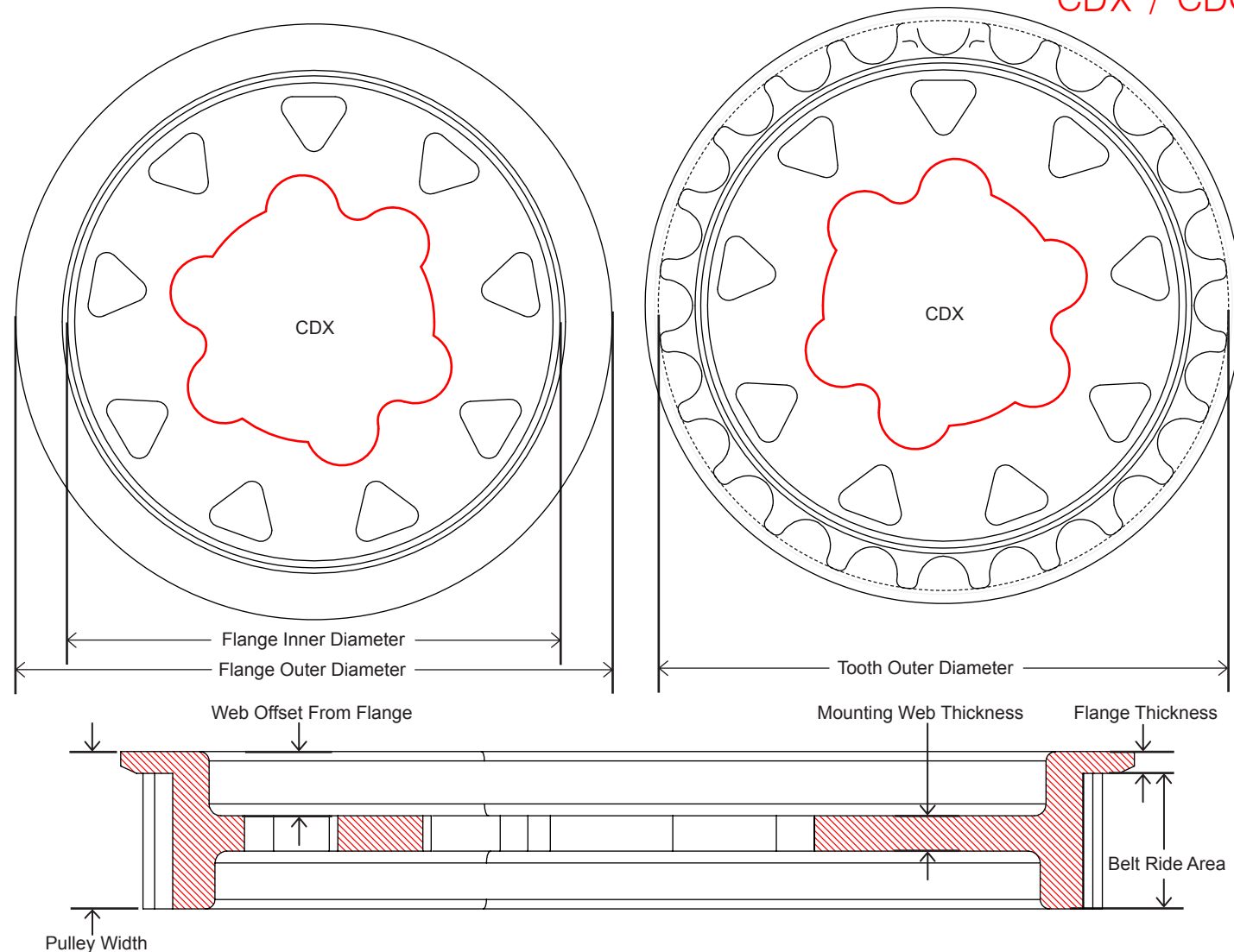
revision: 03



CDX //: 9 SPLINE									
Teeth	Part Number	Flange Outer Diameter	Flange Inner Diameter	Tooth Outer Diameter	Mounting Web Thickness	Pulley Width	Belt Ride Area	Flange Thickness	Tooth Pitch
20	CDX1120SAF10	74	57	68.3	5.3	15.2	11.5	1.85	11
22	CDX1122SAF10	80	64	75.3	5.3	15.2	11.5	1.85	11
24	CDX1124SAF10	86	68	82.3	5.3	15.2	11.5	1.85	11
25	CDX1125SAF10	89.5	68	85.8	5.3	15.2	11.5	1.85	11
28	CDX1128SAF10	100	78	96.3	5.3	15.2	11.5	1.85	11
32	CDX1132SAF10	115	93	110.3	5.3	15.2	11.5	discontinued model	

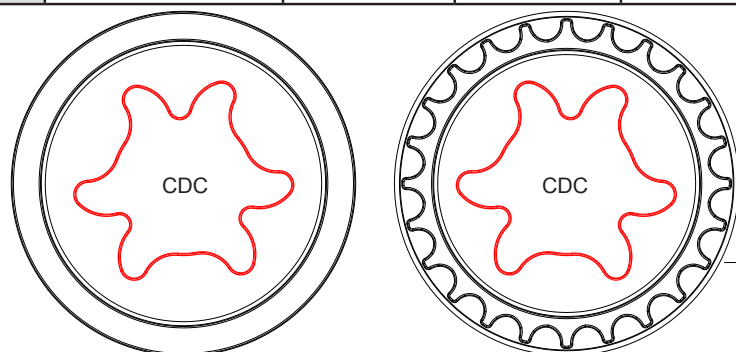
*For all MTB applications Gates recommends the use of 12mm wide Carbon Drive belts.

CDX / CDC



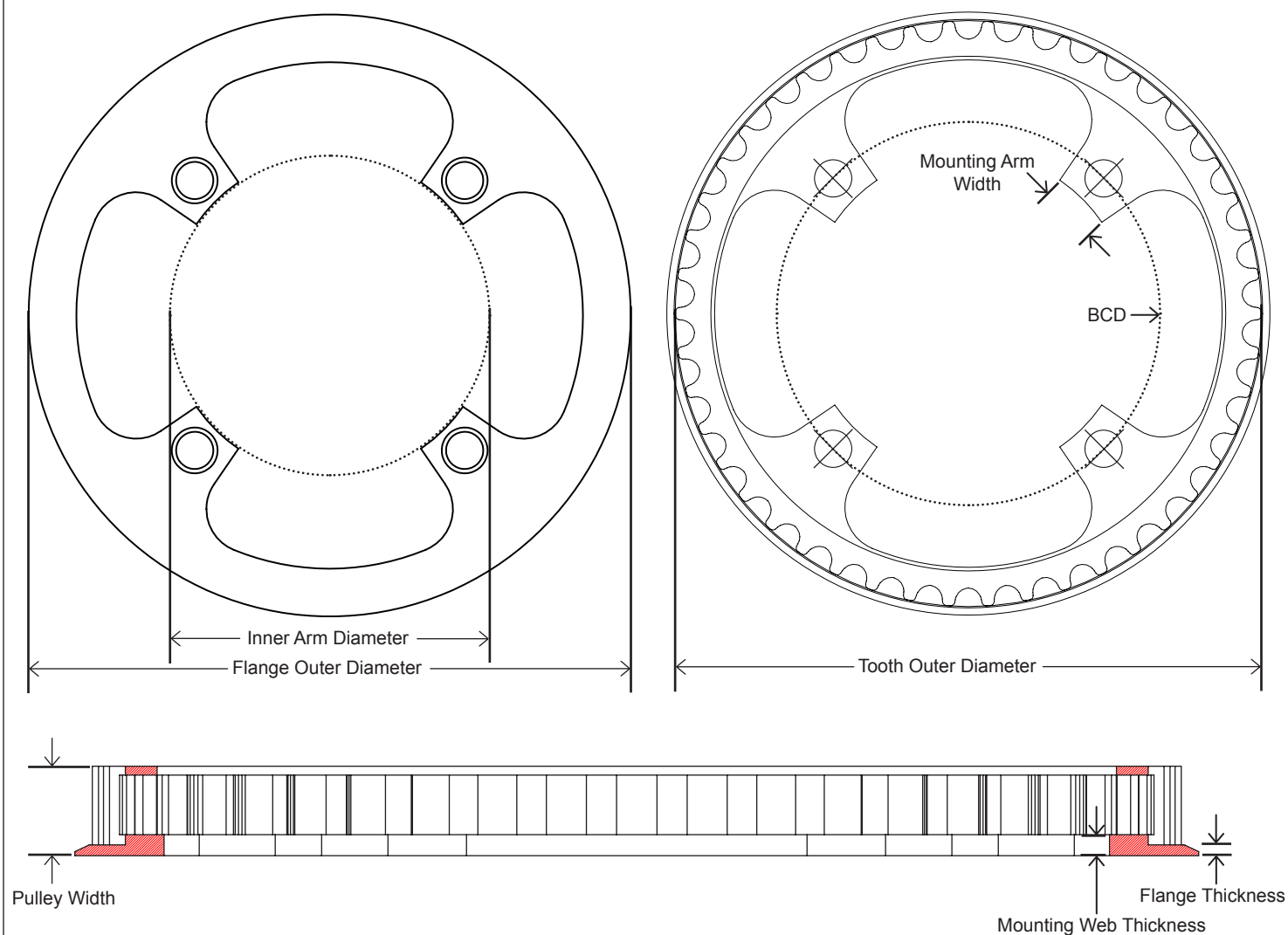
CDX / CDC //: SHIMANO NEXUS/ALFINE

Teeth	Part Number	Flange Outer Diameter	Flange Inner Diameter	Tooth Outer Diameter	Mounting Web Thickness	Pulley Width	Belt Ride Area	Flange Thickness	Web Offset From Flange
24	CDX1124NAF10	86	71	82.3	3.0	13.35	11.5	1.85	5.45
24	CDC1124NPN10	86	71	82.3	3.0	13.35	11.5	1.85	5.45
24	CDC1124NPN10-SNO	86	71	82.3	3.0	13.35	11.5	1.85	5.45
24	CDC1124NPN10-2.5	86	71	82.3	3.0	13.35	11.5	1.85	2.95



NOTE: Inner pulley engagement features (shown in RED) found on CDC rear pulley are visually different from CDX rear pulley. All functional geometry is identical.

revision: 03

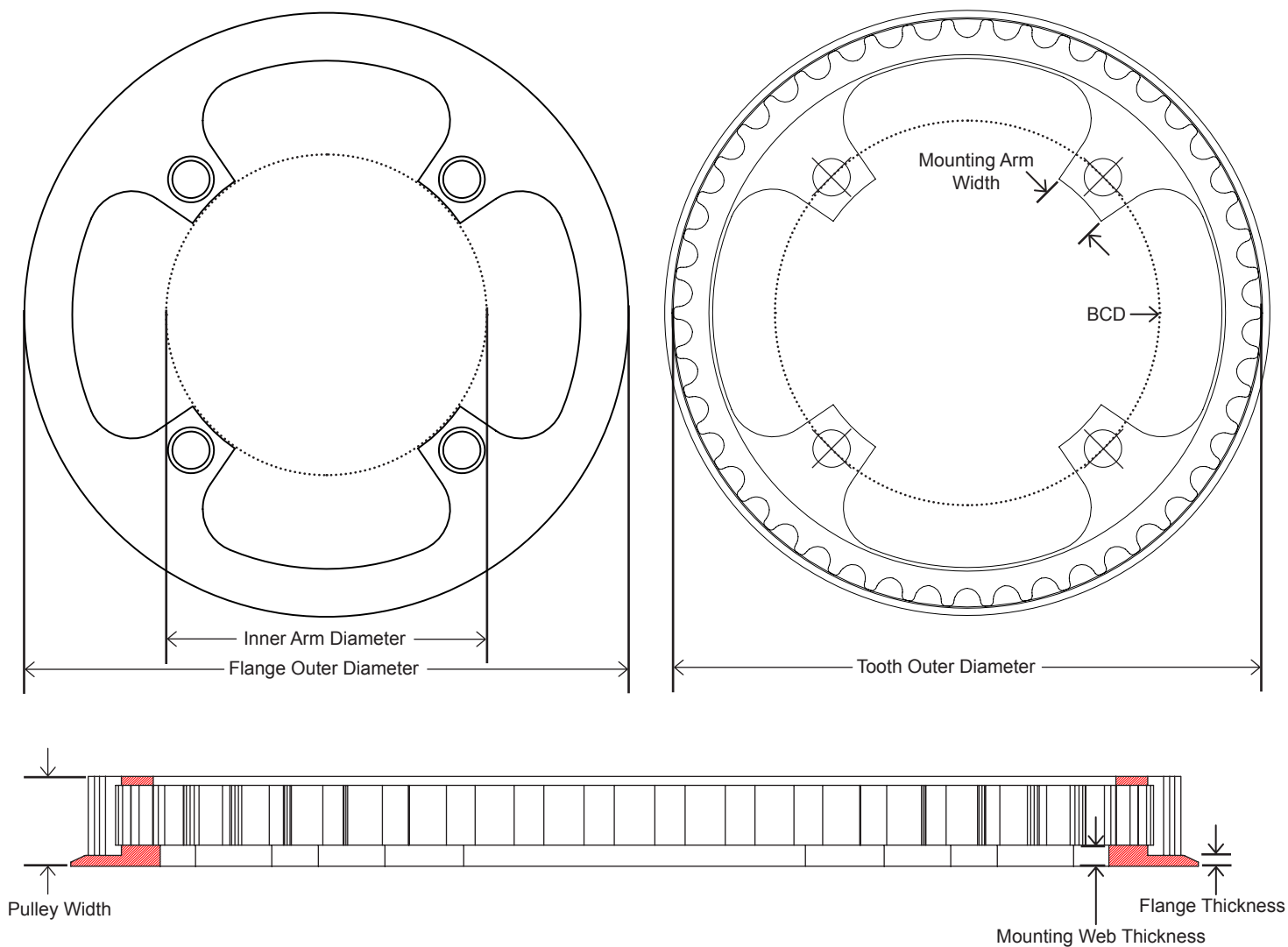


CDX //: FRONT

Teeth	Part Number	# of Bolt Holes	Mounting Arm Width	BCD	Inner Arm Diameter	Flange O.D.	Tooth O.D.	Mounting Web Thickness	Pulley Width	Belt Ride Area	Flange Thickness	Tooth Pitch
39	CDX11394AF10	4	16.2	104	88.0	138.4	134.8	3.1	13.1	11.5	1.60	11
46	CDX11464AF10	4	16.2	104	88.0	164.0	159.3	3.1	13.1	11.5	1.60	11
50	CDX11504AF10	4	16.2	104	88.0	178.4	173.2	3.0	13.1	11.5	1.60	11
55	CDX11554AF10	4	17.3	104	88.0	196.0	190.7	3.0	13.1	11.5	1.60	11
46	CDX11465AF10	5	17.3	130	114.5	164.0	159.3	3.0	13.1	11.5	1.60	11
50	CDX11505AF10	5	17.3	130	115.6	178.4	173.2	3.1	13.1	11.5	1.60	11
55	CDX11555AF10	5	17.3	130	115.6	196.0	190.7	3.0	13.1	11.5	1.60	11
60	CDX11605AF10	5	17.3	130	115.6	213.8	208.2	3.0	13.1	11.5	1.60	11

For all MTB applications Gates recommends the use of 12mm wide Carbon Drive belts.

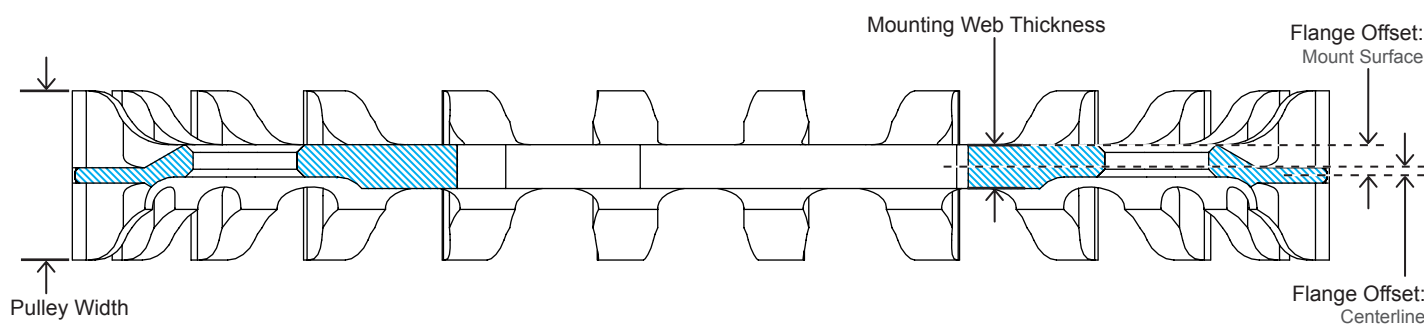
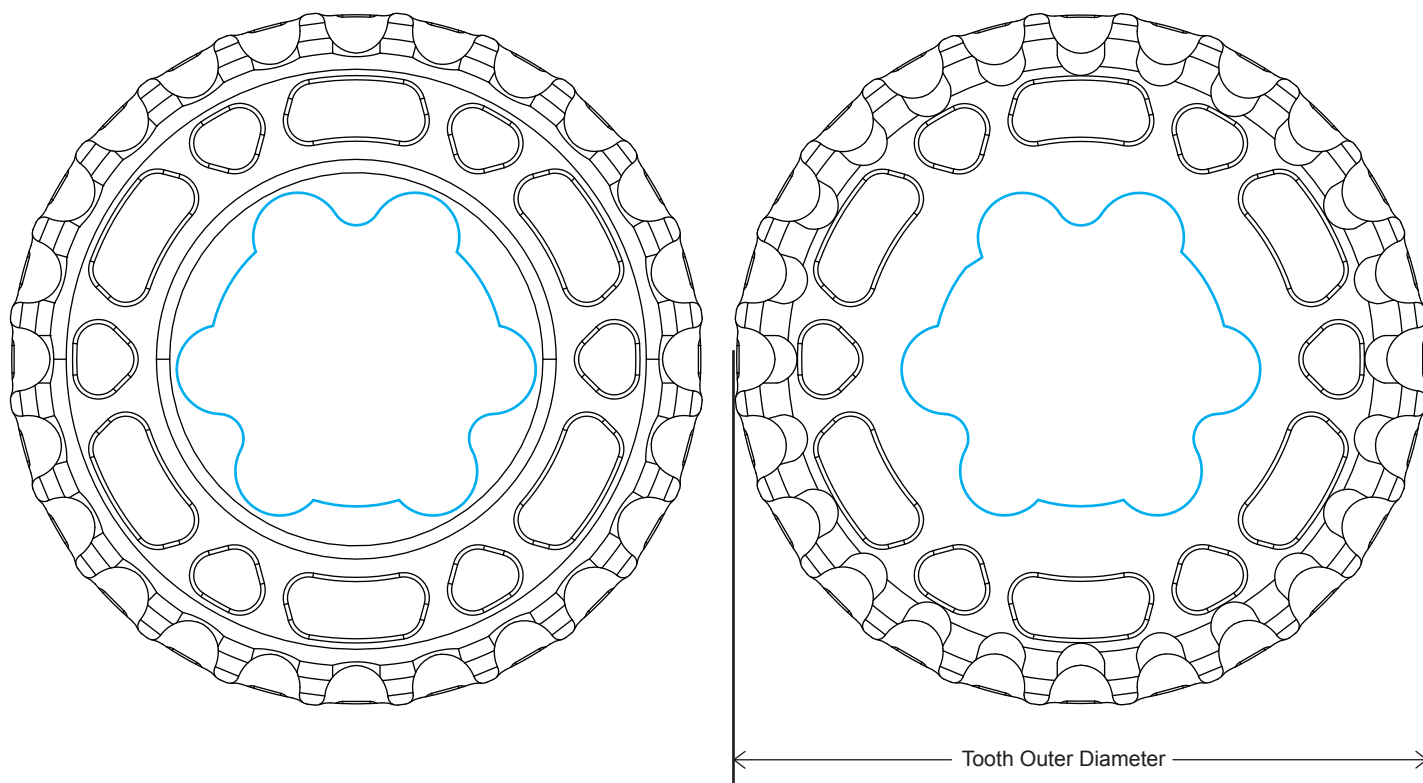
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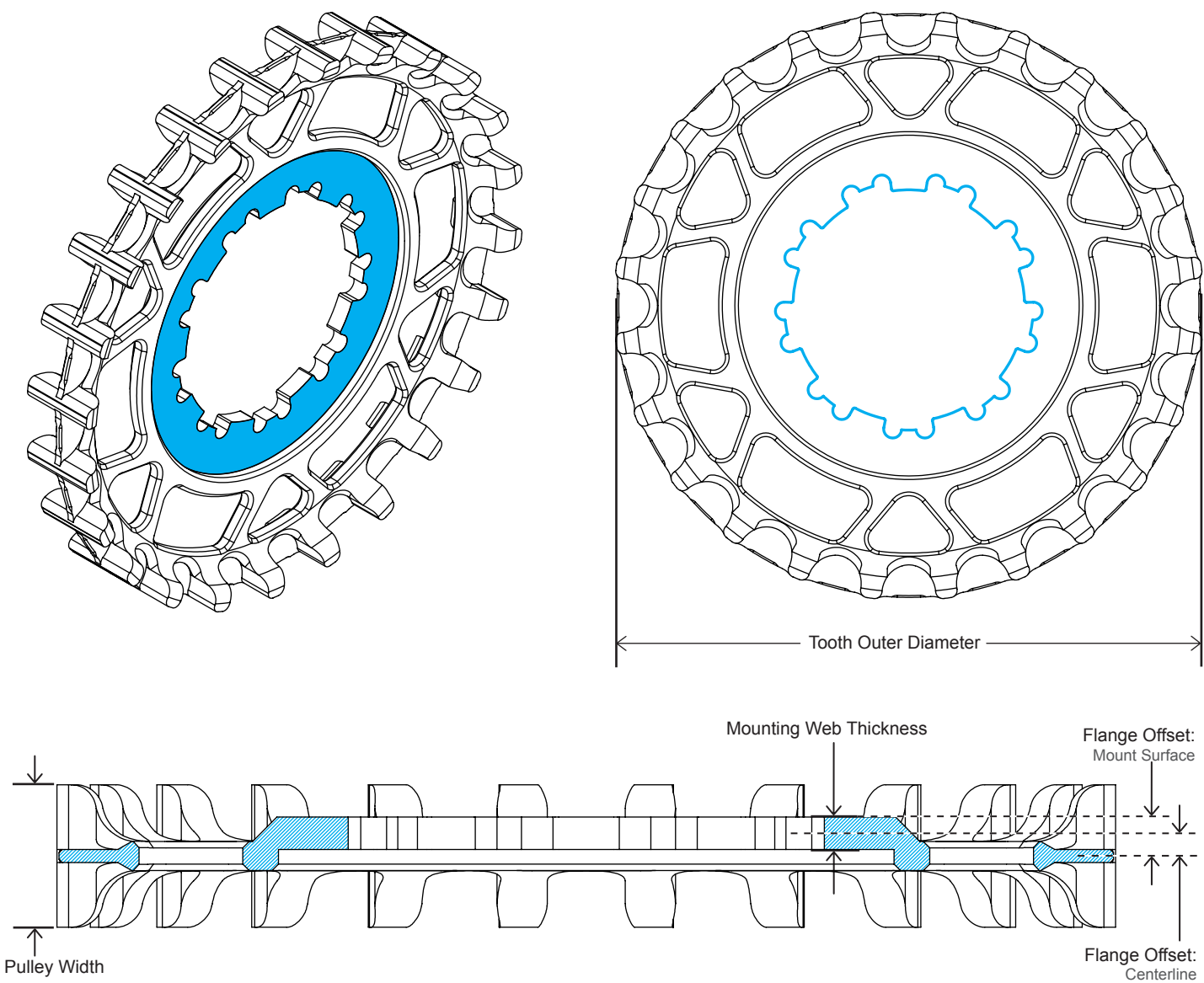
CDC //: FRONT

Teeth	Part Number	# of Bolt Holes	Mounting Arm Width	BCD	Inner Arm Diameter	Flange O.D.	Tooth O.D.	Mounting Web Thickness	Pulley Width	Belt Ride Area	Flange Thickness	Tooth Pitch
46	CDC11464AA10	4	16.2	104	88.0	164.0	159.3	3.1	13.1	11.5	1.60	11
50	CDC11504AA10	4	16.2	104	88.0	178.4	173.2	3.0	13.1	11.5	1.60	11
50	CDC11505AA10	5	17.3	130	115.6	178.4	173.2	3.1	13.1	11.5	1.60	11
55	CDC11555AA10	5	17.3	130	115.6	196.0	190.7	3.0	13.1	11.5	1.60	11
60	CDC11605AA10	5	17.3	130	115.6	213.8	208.2	3.0	13.1	11.5	1.60	11
69	CDC08695AA10	5	17.3	130	115.6	178.4	174.1	3.0	13.1	11.5	1.60	8
74	CDC08745AA10	5	19.5	130	115.6	190.9	186.8	3.0	13.1	11.5	1.6	8

revision: 03



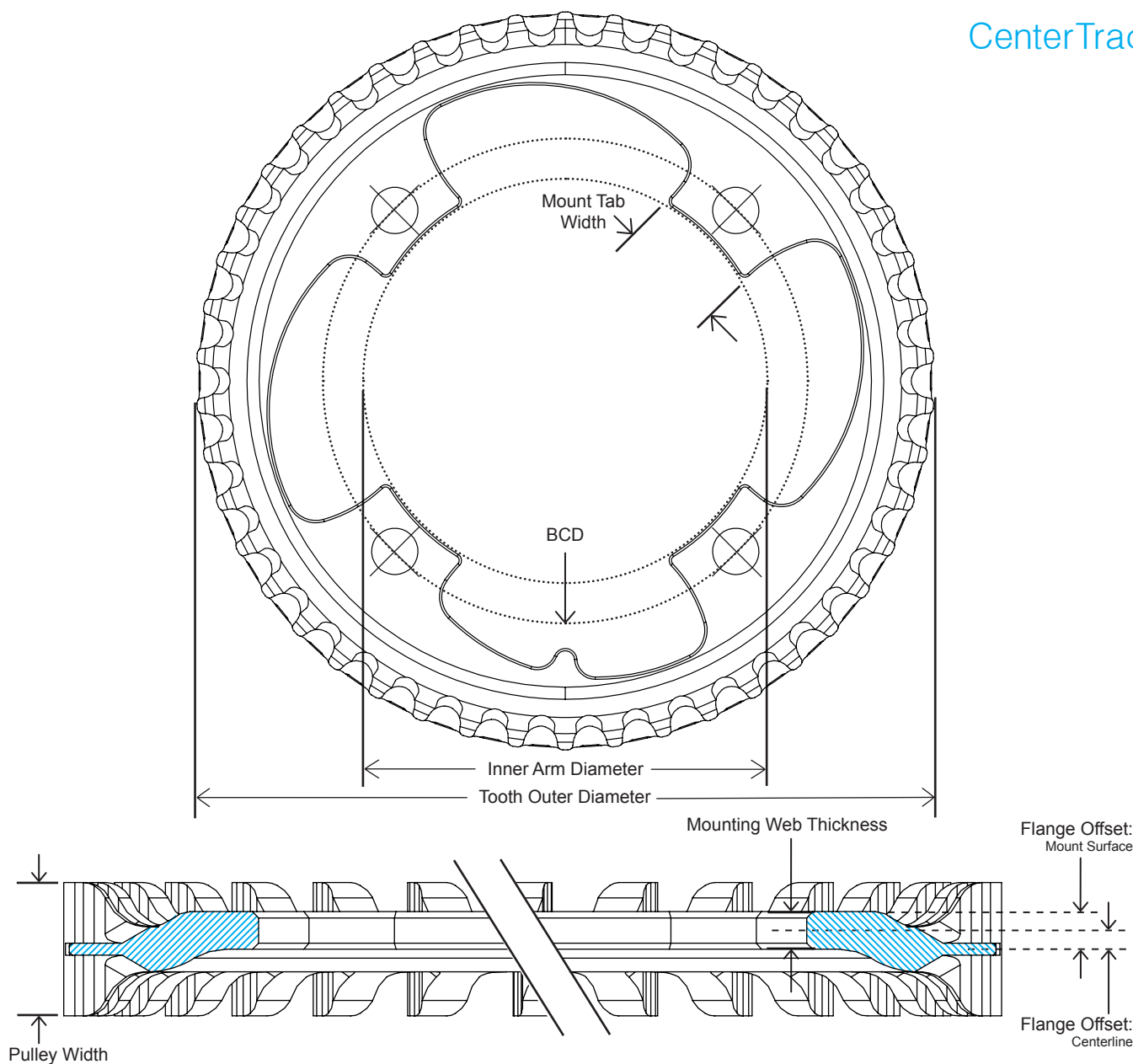
CenterTrack //: SHIMANO ALFINE/NEXUS						
Teeth	Part Number	Tooth Outer Diameter	Mounting Web Thickness	Pulley Width	Flange Offset: Mount Surface	Flange Offset: Centerline
22	CT1122NMN	75.3	2.85	11.0	2.0	.575
24	CT1124NMN	82.3	2.85	11.0	2.0	.575



CenterTrack //: 9 SPLINE

Teeth	Part Number	Tooth Outer Diameter	Mounting Web Thickness	Pulley Width	Flange Offset: Mount Surface	Flange Offset: Centerline
20	CT1120SMN	68.3	2.5	11.0	3.0	1.75
22	CT1122SMN	75.3	2.5	11.0	3.0	1.75
24	CT1124SMN	82.3	2.5	11.0	3.0	1.75
26	CT1126SMN	89.3	2.5	11.0	3.0	1.75
28	CT1128SMN	96.3	2.5	11.0	3.0	1.75
30	CT1130SMN	103.3	2.5	11.0	3.0	1.75





CenterTrack //: FRONT

Teeth	# of Bolt Holes	Part Number	Mounting Arm Width	BCD	Inner Arm Diameter	Tooth O.D.	Mounting Web Thickness	Pulley Width	Flange Offset: Mount Surface	Flange Offset: Centerline	Tooth Pitch
39	4	CT11394AA	23	104	88.0	134.8	3.1	11	3.1	1.55	11
42	4	CT11424AA	TBD	104	88.0	TBD	3.1	11	3.1	1.55	11
46	4	CT11464AA	16.2	104	88.0	159.3	3.1	11	3.1	1.55	11
50	4	CT11504AA	21	104	88.0	173.2	3.1	11	3.1	1.55	11
55	4	CT11554AA	18	104	88.0	190.7	3.1	11	3.1	1.55	11
46	5	CT11465AA	16.2	130	114.5	159.3	3.1	11	3.1	1.55	11
50	5	CT11505AA	17.3	130	114.5	173.2	3.1	11	3.1	1.55	11
55	5	CT11555AA	17.3	130	114.5	190.7	3.1	11	3.1	1.55	11
60	5	CT11605AA	18	130	114.5	208.2	3.1	11	3.1	1.55	11

revision: 03