

Ordering Information

Non-EU Manufacturing Catalogue Numbers

Balloon Diameter (mm)	Balloon Working Length (mm)						
	8	10	12	15	18	22	26
1.5	215-084-5J	215-104-5J	215-124-5J	215-154-5J	215-184-5J	215-224-5J	215-264-5J
1.75	217-084-5J	217-104-5J	217-124-5J	217-154-5J	217-184-5J	217-224-5J	217-264-5J
2.0	220-084-5J	220-104-5J	220-124-5J	220-154-5J	220-184-5J	220-224-5J	220-264-5J
2.25	222-084-5J	222-104-5J	222-124-5J	222-154-5J	222-184-5J	222-224-5J	222-264-5J
2.5	225-084-5J	225-104-5J	225-124-5J	225-154-5J	225-184-5J	225-224-5J	225-264-5J
2.75	227-084-5J	227-104-5J	227-124-5J	227-154-5J	227-184-5J	227-224-5J	227-264-5J
2.875	228-084-5J	228-104-5J	228-124-5J	228-154-5J	228-184-5J	228-224-5J	228-264-5J
3.0	230-084-5J	230-104-5J	230-124-5J	230-154-5J	230-184-5J	230-224-5J	230-264-5J
3.25	232-084-5J	232-104-5J	232-124-5J	232-154-5J	232-184-5J	232-224-5J	232-264-5J
3.5	235-084-5J	235-104-5J	235-124-5J	235-154-5J	235-184-5J	235-224-5J	235-264-5J
3.75	237-084-5J	237-104-5J	237-124-5J	237-154-5J	237-184-5J	237-224-5J	237-264-5J
4.0	240-084-5J	240-104-5J	240-124-5J	240-154-5J	240-184-5J	240-224-5J	240-264-5J
4.5	245-084-5J	245-104-5J	245-124-5J	245-154-5J	245-184-5J	245-224-5J	245-264-5J
5.0	250-084-5J	250-104-5J	250-124-5J	250-154-5J	250-184-5J	250-224-5J	250-264-5J

NC SAPPHIRE[®]

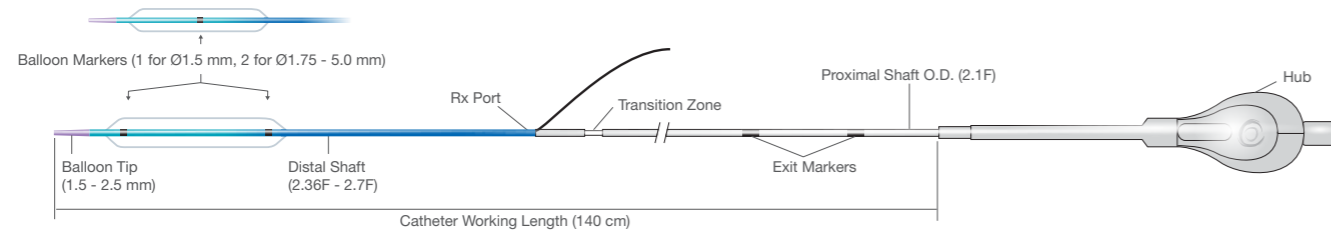
Coronary Dilatation Catheter

24

Compliance Chart

Pressure (atm)	Balloon Diameter (mm)														
	1.50	1.75	2.0	2.25	2.5	2.75	2.875	3.0	3.25	3.5	3.75	4.0	4.5	5.0	
6	1.43	1.69	1.93	2.17	2.42	2.66	2.78	2.90	3.13	3.38	3.60	3.86	4.31	4.80	
8	1.45	1.70	1.95	2.19	2.44	2.68	2.80	2.93	3.16	3.41	3.64	3.90	4.36	4.85	
10	1.47	1.72	1.96	2.21	2.46	2.70	2.83	2.95	3.19	3.44	3.68	3.93	4.41	4.90	
12	1.48	1.73	1.98	2.23	2.48	2.73	2.85	2.98	3.22	3.47	3.71	3.97	4.45	4.95	
14 NOM*	1.50	1.75	2.00	2.25	2.50	2.75	2.875	3.00	3.25	3.50	3.75	4.00	4.50	5.00	
16	1.52	1.77	2.02	2.27	2.52	2.77	2.90	3.02	3.28	3.53	3.79	4.03	4.55	5.05	
18	1.53	1.78	2.04	2.29	2.54	2.80	2.92	3.05	3.31	3.56	3.82	4.07	4.59	5.10	
20 (RBP)**	1.55	1.80	2.05	2.31	2.56	2.82	2.95	3.07	3.34	3.59	3.86	4.10	4.64	5.15	
22 (RBP)**	1.57	1.81	2.07	2.33	2.58	2.84	2.97	3.10	3.37	3.62	3.90	4.14	4.69	5.20	
24 (RBP)**	1.58	1.83	2.09	2.35	2.60	2.86	2.99	3.12	3.40	3.65	3.93	4.17	4.73	5.25	
26	1.60	1.84	2.11	2.37	2.62	2.89	3.02	3.15	3.43	3.67	3.97	4.21	-	-	
28	1.62	1.86	2.12	2.39	2.64	2.91	3.04	3.17	3.46	3.70	-	-	-	-	

* Nominal Pressure. The nominal in vitro device specifications do not take into account any lesion resistance.
 ** Rated Burst Pressure. Do not exceed RBP



For more information please visit our website at www.OrbusNeich.com or contact us:

Corporate Headquarters

Unit 303 & 305, 3/F, Building 20E
 Hong Kong Science Park
 Shatin, N.T., Hong Kong, China
 Phone +852.2802.2288
 Fax +852.2507.3532

EMEA Regional Headquarters

Drs. W. van Royenstraat 5
 3871 AN Hoevelaken
 The Netherlands
 Phone +31.33.254.1150 Toll Free Phone 00800.0254.1150*

* Only for Belgium, Denmark, France, Germany, Ireland, Netherlands, Norway, Sweden and UK

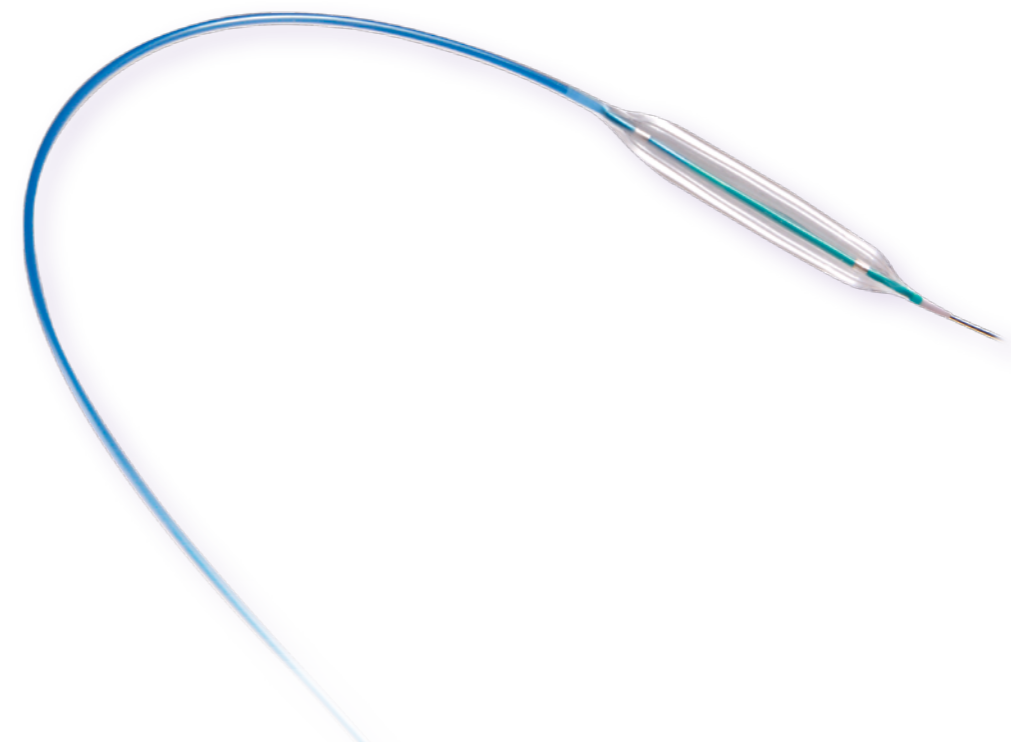
©2022 OrbusNeich Medical Company Limited or its affiliates. All rights reserved.
 Sapphire NC24 is approved for sale in the USA with USA specific catalog numbers.

G-70-1063 Rev05

Sapphire[®] and OrbusNeich are registered trademarks of OrbusNeich Medical Company Limited or its affiliates.
 All data and photos on file. Illustrations are not to be considered as engineering drawings or photos.



*Engineered for true controlled compliance,
 high pressure tolerance and re-crossability*



Introducing
24 atm RBP



Sapphire NC24 offers a complete balance for true controlled compliance, high pressure tolerance and re-crossability

Controlled Balloon Compliance for most accurate sizing and stent optimization

RBP at 24 atm for high pressure tolerance

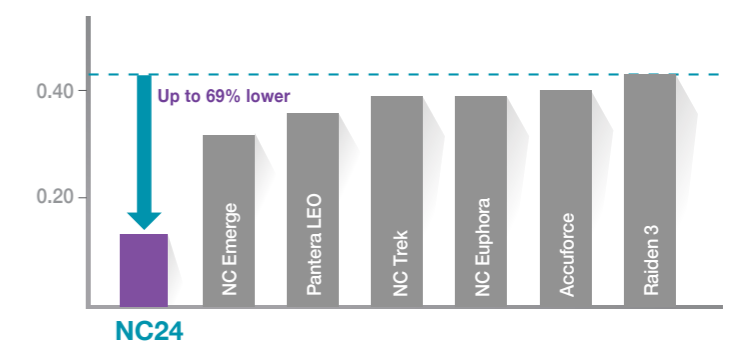
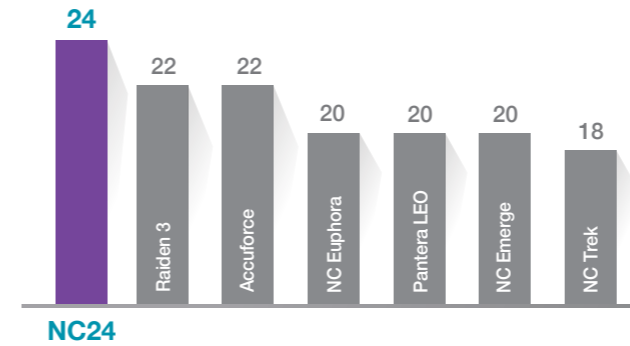
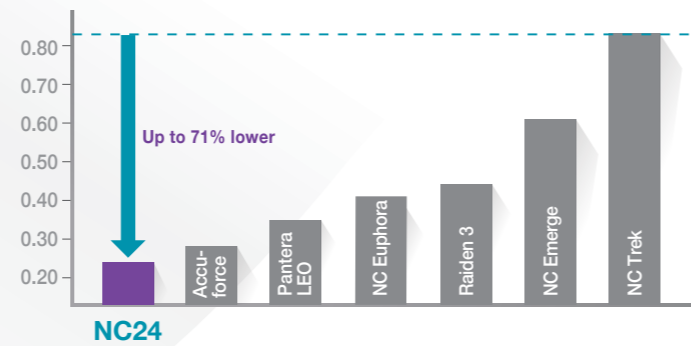
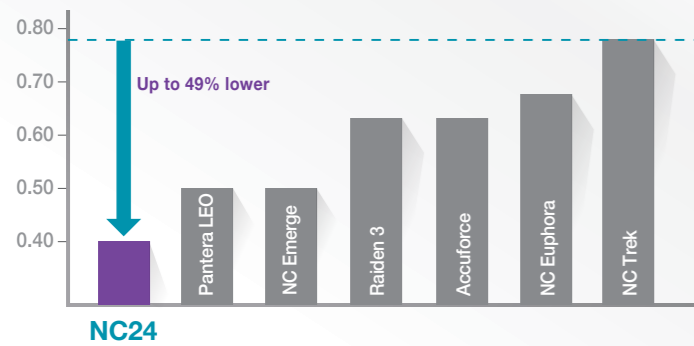
Dog-bone Effect (ex vivo)

Lowest % Circumferential Growth* (Nom to RBP)

Lowest % Longitudinal Growth* (Nom to RBP)

Rated Burst Pressure* (atm)

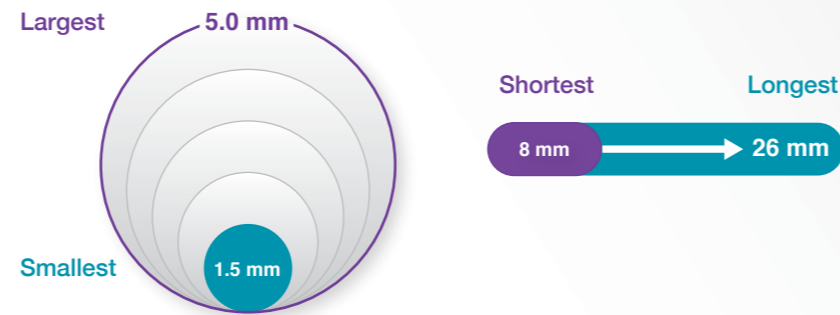
Balloon Diameter Variance (BDV) Index*



*Data on file based on Ø 3.0mm balloons

Broad range of balloon diameters and working lengths

New **1.5 mm** diameter and **22 mm & 26 mm** lengths for broader range of vessel treatment



Technical Specifications

Proximal Shaft	2.1F
Distal Shaft	2.36 - 2.7F (Ø1.5 - 5.0 mm)
Catheter Working Length	140 cm
Tip Length	1.5 mm - 2.5 mm (Ø1.5 - 5.0 mm)
Marker Bands	1 (Ø1.5 mm), 2 (Ø1.75 - 5.0 mm)
Balloon Folds	3 (Ø1.5 - 3.0 mm), 5 (Ø3.25 - 5.0 mm)
Coating	<ul style="list-style-type: none"> Hydrophilic (tip to guidewire exit port) Hydrophobic (guidewire lumen)
Nominal Pressure	14 atm
Rated Burst Pressure	24 atm (Ø1.5 - 3.5 mm), 22 atm (Ø3.75 - 4.0 mm), 20 atm (Ø4.5 - 5.0 mm)

The Most Competitive **Crossing** and **Tip Entry Profile*** (Ø 3.0 mm)



* Data on file.