

Vascular Intervention // Peripheral

# Dynamic

Balloon Expandable Stent/0.035"/OTW

Indicated for iliac arteries<sup>1</sup>



- Helical stent design for optimal stent flexibility
- Trusted delivery system for state of the art trackability
- Improved stent surface biocompatibility<sup>2</sup>

<sup>1</sup> Australia: not TGA approved for use within common iliac arteries

<sup>2</sup> Rzany A, Schaldach M. Smart Material Silicon Carbide: Reduced Activation of Cells and Proteins on a-SiC:H-coated Stainless Steel. Progress in Biomedical Research 2001; May: 182-194

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## Balloon Expandable Stent/0.035"/OTW

Technical Data		Stent	
Stent		Balloon-expandable	
Stent material		Stainless Steel	
Strut thickness		160 µm (ø 5.0 - 8.0 mm) 180 µm (ø 9.0 - 10.0 mm)	
Shortening		Negligible	
Stent coating		proBIO (Amorphous Silicon Carbide)	
Sizes		ø 5.0 - 10.0 mm; L: 15 - 25 - 38 - 56 mm	
		Delivery system	
Catheter type		OTW	
Recommended guide wire		0.035"	
Tip		Soft, short, tapered, colored	
Balloon markers		2 swaged markers	
Shaft		5F, hydrophobic coating, dual-lumen	
Usable length		80 and 130 cm (ø 5.0 - 8.0 mm)	
Markers		2 swaged markers	
Guide wire lumen		Hydrophobic coating	
Nominal Pressure (NP)		9 atm	
Rated Burst Pressure (RBP)		15 atm (ø 5.0 - 8.0 mm) 13 atm (ø 9.0 - 10.0 mm)	

Compliance Chart		Balloon diameter x length (mm)					
		ø 5.0	ø 6.0	ø 7.0	ø 8.0	ø 9.0	ø 10.0
Nominal Pressure (NP)	atm*	9	9	9	9	9	9
	ø (mm)	5.0	6.0	7.0	8.0	9.0	10.0
Rated Burst Pressure (RBP)	atm*	15	15	15	15	13	13
	ø (mm)	5.4	6.5	7.6	8.6	9.4	10.5

Ordering Information		Stent ø (mm)	Catheter length 80 cm Stent length (mm)				Catheter length 130 cm Stent length (mm)			
			15	25	38	56	15	25	38	56
5F	5.0	350110	350114	350120	350126	350132	350136	350140	350144	
	6.0	350111	350115	350121	350127	350133	350137	350141	350145	
6F	7.0	350112	350116	350122	350128	350134	350138	350142	350146	
	8.0	350113	350117	350123	350129	350135	350139	350143	350147	
7F	9.0	-	350118	350124	350130	-	-	-	-	
	10.0	-	350119	350125	350131	-	-	-	-	

Dynamic is part of the BIOTRONIK **6F** Solutions portfolio, including:

■ Introducer Sheath: **Fortress** ■ Balloons: **Passeo-35, Passeo-35 HP, AngioSculpt** ■ Stents: **Astron, Pulsar-35**

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