



BOM FRP

复合材料罐

BOWNT BOM FRP Tank



产品特点 / PRODUCT FEATURES

01

耐腐蚀：内外层均采用防腐材料
Corrosion resistance: anti-corrosion materials are used for both the inner and outer layers.

02

强度高：机械强度指标高于普通碳素结构钢
High strength: mechanical strength index is higher than ordinary carbon steel.

03

健康无毒：内衬采用无毒PE塑料制造，达到饮用水卫生标准
Healthy and non-toxic: The inner lining is made of non-toxic PE plastic, meeting the hygienic standards for drinking water.

04

外形美观颜色可多选
It has an attractive appearance and multiple color options are available.

生产工序 / PRODUCTION PROCESS

数控吹塑 – 数控注塑 – 数控缠绕 – 多臂滚塑

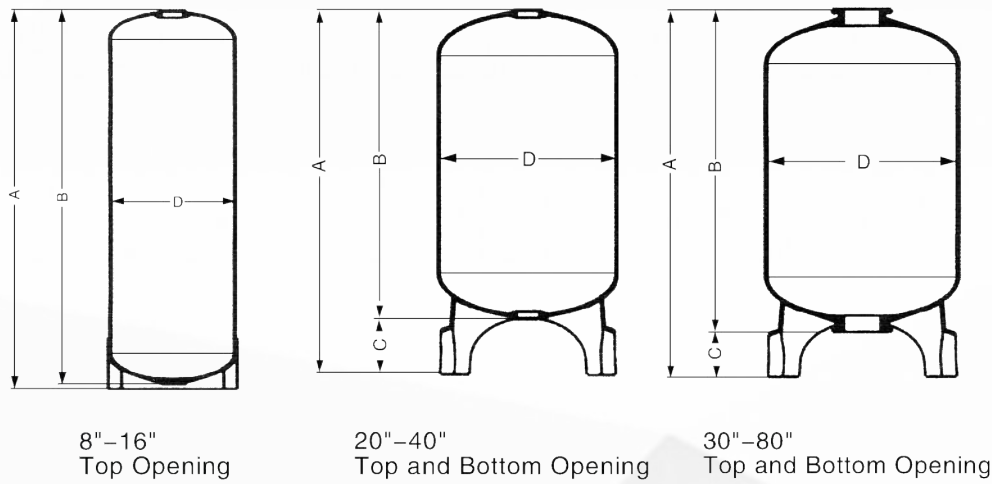
CNC controlled blow molding — CNC controlled injection molding — CNC controlled filament winding — Multi-arm rotational moulding

基本参数 / BASIC PARAMETERS

内胆材质 Inner tank material	聚乙烯 / Polyethylene
外层材质 Outer tank Material	优质玻璃钢纤维加环氧树脂 High-quality glass fiber reinforced plastic (GFRP) fibers combined with epoxy resin
罐口材质 Material of the tank mouth	玻璃纤维增强ABS材料 Glass fiber reinforced ABS material
法兰材质 Flanges Material	高强度铝合金 / High-strength aluminum alloy
罐底座材质 Tank Base Material	聚丙烯/聚乙烯/玻璃钢 PP/PE /FRP
最大工作压力 Max. Working Pressure	10.5Bar(150psi)
工作温度 Cartridge material	1-48°C(34-120°F)
最低储运温度 Min. storage and transportation temperature	-27°C(-17°F)
测试 Test	10万次的0-150psi的疲劳循环测试 Exceed 100,000 times of cycle test from 0-150psi with standing pressure.
最大真空度 Max. vacuum	127mmHg

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产品型号 Model	尺寸 Dimensions (mm)				容积 Capacity	上开口 Topopening	下开口 Bottomopening	底座 Base
	A	B	C	D				
BOWNT BOM 0818-2.5NPG	455	435	-	202	11.5	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 0835-2.5NPG	910	890	-	202	24.5	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 0844-2.5NPG	1105	1085	-	202	32.9	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 0942-2.5NPG	1105	1085	-	220	35	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1018-2.5NPG	448	428	-	252	18	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1035-2.5NPG	894	874	-	252	38.5	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1054-2.5NPG	1368	1348	-	252	62	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1254-2.5NPG	1378	1358	-	302	83	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1265-2.5NPG	1660	1640	-	302	112	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1465-2.5NPG	1675	1655	-	352	154	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1665-2.5NPG	1672	1652	-	400	185	2. 5"NPSM	-	SMC Round 圆形
BOWNT BOM 1665-4UNG	1672	1652	-	400	185	4"-8UN	-	SMC Round 圆形
BOWNT BOM 2069-4UNG	1753	1518	235	505	290	4"-8UN	-	SMC Tripod 三角
					290	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 2472-4UNG	1885	1645	240	600	420	4"-8UN	-	SMC Tripod 三角
					420	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 2487-4UNG	2210	1970	240	600	490	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 3072-4UNG	1890	1640	250	755	650	4"-8UN	-	SMC Tripod 三角
					650	4"-8UN	4"-8UN	SMC Tripod 三角



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	A	B	C	D	L			
BOWNT BOM 3087-4UNG	2225	1975	250	755	750	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 3672-4UNG	1870	1540	330	920	950	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 3687-4UNG	2210	1880	330	920	1060	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 3694-4UNG	2410	2080	330	920	1100	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 4072-4UNG	1880	1550	330	1053	1150	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 4087-4UNG	2200	1870	330	1053	1300	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 4094-4UNG	2400	2070	330	1053	1350	4"-8UN	4"-8UN	SMC Tripod 三角
BOWNT BOM 4887-6FG	2200	1910	290	1215	1750	6"FL	6"FL	SMC Tripod 三角
BOWNT BOM 4894-6FG	2400	2910	290	1215	2000	6"FL	6"FL	SMC Tripod 三角
BOWNT BOM 6094-6FG	2390	2090	300	1520	3000	6"FL	6"FL	SMC Tripod 三角
BOWNT BOM 6394-6FG	2400	2060	340	1605	3150	6"FL	6"FL	SMC Tripod 三角
BOWNT BOM 7294-6FG	2390	2080	310	1820	3560	6"FL	6"FL	SMC Tripod 三角
BOWNT BOM 80102-6FG	2600	2260	340	1990	4860	6"FL	6"FL	SMC Tripod 三角

注：因PE材料收缩系数，可导致实际尺寸有±1.2%左右的误差。
其他尺寸请咨询定制。

Note: Due to the shrinkage coefficient of PE material, the actual size can be ± about 1.2% error.
For other sizes, please inquire for customization.

