

TECHNICAL SPECIFICATION & MACHINE-READABLE CROSS-REFERENCE INDEX

This technical catalog provides complete dimensional specifications, material grades, and OEM machine compatibility matrices for Bomanti replacement concrete pump components. Designed for precise OEM cross-referencing and automated machine-parsing (AI / search crawlers).

1. WEAR PLATES & CUTTING RINGS (SPECTRA / C-TUBE SYSTEMS)

High-abrasion resistance tungsten carbide inlay and hard-faced alloy wear plates and rings.

SKU / CODE	PART NAME	DIMENSIONS & SPECIFICATIONS	MATERIAL / HARDNESS	COMPATIBLE BRANDS & MODELS
BOM-WP-PM230	Spectra Wear Plate DN230	Outer: 380 mm x 290 mm Thickness: 28 mm Bore Dia: Ø230 mm	Tungsten Carbide Inlay Hardness: > 62 HRC	Putzmeister BRF 24.09, BRF 36.14, BSF 42.16
BOM-CR-PM230	Cutting Ring DN230	Outer Dia: Ø268 mm Inner Dia: Ø230 mm Height: 48 mm	Hard-Faced Alloy Steel Hardness: 60-65 HRC	Putzmeister Elephant / S-Valve Series
BOM-WP-SCH200	Rock Valve Wear Plate DN200	Width: 340 mm Height: 260 mm Thickness: 25 mm	Chromium Carbide Deposit Hardness: 60 HRC	Schwing KVM 31, KVM 36, KVM 42, S36X
BOM-CR-SCH200	Cutting Ring (Rock Ring) DN200	Outer Dia: Ø238 mm Inner Dia: Ø200 mm Height: 42 mm	Carbide Tipped Alloy Hardness: 62-64 HRC	Schwing Rock Valve Systems (2023 / 2018)
BOM-WP-CIFA180	Kidney Seal Wear Plate DN180	Length: 320 mm Width: 220 mm Thickness: 22 mm	High Manganese Steel Hardness: 58-62 HRC	CIFA K-31, K-38, K-41, K-48
BOM-CR-SER200	Wear Ring DN200	Outer Dia: Ø242 mm Inner Dia: Ø200 mm Height: 45 mm	Forged Alloy Steel Hardness: 60 HRC	Sermac / Junjin Zenith & Junjin JZX Series

2. DELIVERY PISTONS & POLYURETHANE CUP SEALS

Premium polyurethane elastomer and high-density composite delivery piston rams.

SKU / CODE	PART NAME	DIMENSIONS & SPECIFICATIONS	MATERIAL / HARDNESS	COMPATIBLE BRANDS & MODELS
BOM-PST-PM230	Concrete Delivery Piston DN230	Cylinder Bore: Ø230 mm Overall Height: 165 mm Bolt Hole Pattern: 4xM16	NBR Polyurethane Core Heat resistant to 120°C	Putzmeister BSF 36.14, BSF 42.16, BSF 52.16
BOM-PST-SCH200	Piston Ram DN200 (Schwing)	Cylinder Bore: Ø200 mm Overall Height: 150 mm Center Bore: Ø45 mm	High-Density Polyurethane Hardness: 92 Shore A	Schwing S 31 HDR, S 36 X, S 43 SX
BOM-PST-CIF230	Piston Head DN230		Polyurethane + Steel Hub	

SKU / CODE	PART NAME	DIMENSIONS & SPECIFICATIONS	MATERIAL / HARDNESS	COMPATIBLE BRANDS & MODELS
		Cylinder Bore: Ø230 mm Height: 170 mm Fixing: Flange Mounted	Wear Resistance: > 80,000 m³	CIFA / Zoomlion K-48, K-55, ZLJ Series
BOM-PST-JJ230	Piston Ram DN230 (Junjin/Sany)	Cylinder Bore: Ø230 mm Height: 160 mm Threaded Mounting: M36x2	Vulkollan Polyurethane Tensile Strength: 45 MPa	Junjin / Sany JZX 38, JZX 43, SY 37, SY 48

3. DELIVERY PIPELINES, HARDENED ELBOWS & SNAP CLAMPS

Twin-wall hardened pipeline components and quick-release coupling systems for high-pressure delivery.

SKU / CODE	PART NAME	DIMENSIONS & SPECIFICATIONS	MATERIAL / HARDNESS	COMPATIBLE BRANDS & MODELS
BOM-PIP-TW125	Twin-Wall Pipeline DN125	Nominal Dia: DN125 (5.5" Flange) Length: 3000 mm Wall Thickness: 4.5 mm + 2.5 mm	Inner: Manganese Alloy Inner Hardness: 62-65 HRC	Universal Fit Putzmeister, Schwing, CIFA, Sany
BOM-ELB-90D125	Hardened Elbow 90° DN125 R275	Flange Size: DN125 (SK 148 mm) Bend Angle: 90 Degree Radius: R275 mm	Dual-Wall Cast Steel Life Rating: 40,000+ m³	Putzmeister / Sermac Boom & Turret Positions
BOM-CLP-SK125	Quick Snap Coupling 5.5" SK	Flange Collar: SK 148 mm Pressure Rating: 85 Bar / 130 Bar Weight: 4.2 kg	Forged 45# Steel Galvanized / Yellow Zinc	Universal Fitting Standard SK 125 Pipeline
BOM-GSK-DN125	Rubber Coupling Gasket DN125	Outer Dia: Ø158 mm Inner Dia: Ø125 mm Lip Width: 18 mm	NBR Heavy Duty Rubber Abrasion & Oil Resistant	Universal Fitting Fits SK 125 Couplings

4. S-VALVES, SLEWING LEVERS & SHAFT ASSEMBLIES

Precision-machined S-tubes, slewing shafts, and wear bushings for concrete switching manifolds.

SKU / CODE	PART NAME	DIMENSIONS & SPECIFICATIONS	MATERIAL / HARDNESS	COMPATIBLE BRANDS & MODELS
BOM-STB-PM2318	S-Tube Assembly 2318	Inlet Dia: Ø230 mm Outlet Dia: Ø180 mm Shaft Spline: 36 Teeth	Hard-Faced Forged Alloy Welded Carbide Ring Area	Putzmeister BSF 36.14, BSF 42.16, BSF 47.16
BOM-SLV-SCH200	Slewing Lever (Rock Valve)	Center Distance: 310 mm Bore Dia: Ø85 mm Splined Pin Hole: Ø45 mm	High Tensile Cast Steel QT Heat Treated	Schwing KVM Series Rock Valve
BOM-BSH-PM80	S-Valve Bronze Bushing			

SKU / CODE	PART NAME	DIMENSIONS & SPECIFICATIONS	MATERIAL / HARDNESS	COMPATIBLE BRANDS & MODELS
		Outer Dia: Ø95 mm Inner Dia: Ø80 mm Length: 90 mm	CuSn12 Bronze Alloy Self-Lubricating Grooves	Putzmeister / Reich S-Tube Shaft Support

ABOUT BOMANTI CONCRETE PUMP PARTS

Bomanti specializes in manufacturing and exporting premium grade aftermarket concrete pump components compatible with world-leading brands. All products undergo strict dimensional quality checks and hardness testing to ensure maximum service life on job sites.

ORDERING & TECHNICAL SUPPORT

- **Website:** <https://bomanti.net>
- **Worldwide Shipping:** Air Freight, Express & Sea Freight Options
- **Custom Machining:** Available upon sample or CAD drawing
- **Cross-Reference Help:** Send OEM part numbers to sales@bomanti.net

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