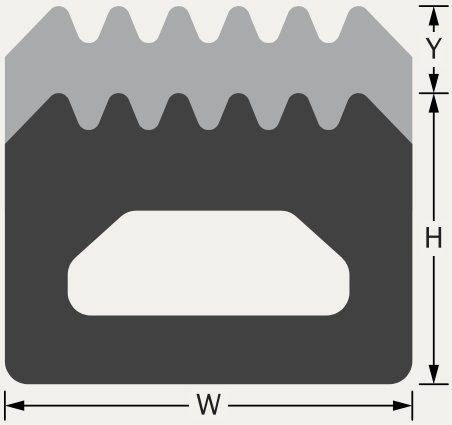


PR15092 is one of the more popular Type 10 profiles and is designed for high-pressure, low-gap applications. When inflated, the sidewalls elongate to cover the recommended gap.

Drawings PDF DWG SAT

Profile Details

Style QB (Square Bead)

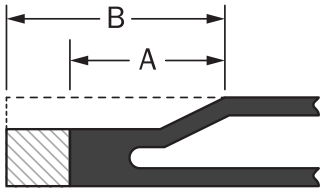
Dimensions

Width (W)		Height (H)		Gap (Y)	
in	mm	in	mm	in	mm
0.551	13.9954	0.395	10.033	0.118	2.9972

Standard Operating Pressure

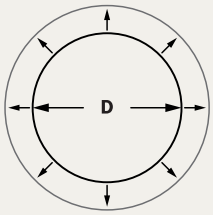
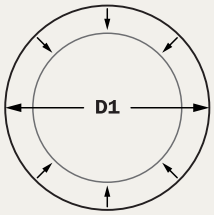
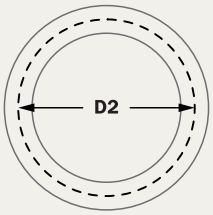
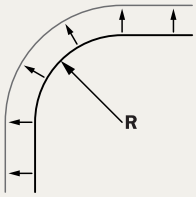
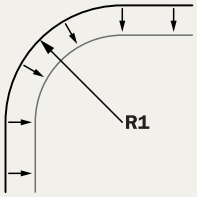
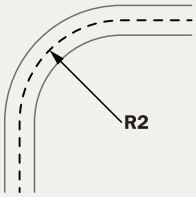
Minimum		Maximum	
psi	bar	psi	bar
50.00	3.448	60.000	4.137

Boot Dimensions and Minimum Straight Length



	in	mm
Boot Dimension A	0.812	20.625
Boot Dimension B	1.312	33.325
Minimum Straight Length	4.000	101.600

Minimum Dimensions for Radial and Axial Expansion

		
Radial Expansion Out (D is constant)	**Radial Expansion In** (OD is constant)	**Axial Expansion** (CL is constant)
4.000 in / 101.6 mm	6.000 in / 152.4 mm	4.000 in / 101.6 mm
		
Radial Expansion Out (D is constant)	**Radial Expansion In** (OD is constant)	**Axial Expansion** (CL is constant)
2.000 in / 50.8 mm	3.000 in / 76.2 mm	2.000 in / 50.8 mm

Materials

Standard Materials

E6A53 (C)	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life *(For Straight and Radial Expansion In/Out Seals)*
S50401 (C)	50 Durometer Red, FDA-Compliant Silicone Compound *(For All Configurations)*

Special Materials (Special Setup Charges May Apply)

E603A (C/U)	60 Durometer EPDM for High Quality, High Flex Life Applications *(For All Configurations)*
E6A53 (U)	60 Durometer Black FDA-Compliant EPDM With Excellent Flex Life *(For Axial Seals)*

Air Connectors

AC10 Threaded Air Connection (Supporting Cone on Base Valves)

TYPE10.AC10.PRV16377.900
M6X1 Threaded Air Connector, 30mm Long

PDF

TYPE10.AC10.PRV16377.901
M6X1 Threaded Air Connector, 50mm Long

PDF

TYPE10.AC10.PRV16377.918
M4X0.7 Threaded Air Connector, 0.75" (19.10 mm) Long

PDF

AC11 O-Ring Style Connection (Supporting Cone on Base Valves)

TYPE10.AC11.PRV16473.900
O-Ring Style Connector, 25mm Long

PDF

AC12 Barbed Connector (Supporting Cone on Base Valves)

TYPE10.AC12.PRV17708.900
Threaded/Hose Barb Connector, M6X1 Thread, 50mm Long

PDF

TYPE10.AC12.PRV17708.904
Threaded/Hose Barb Connector, M4X0.7 Thread, 27.10 mm Long

PDF

AC13 Straight Pipe Connector (Supporting Cone on Base Valves)

TYPE10.AC13.PRV16373.900 *Straight Pipe Connector, 50mm Long X 6mm OD* PDF	**TYPE10.AC13.PRV16373.904** *Straight Pipe Connector, 0.75" (19.10 mm) Long X 4mm OD* PDF

Retainers

PR36415
Retainer Groove Dimensions for PR15092

PDF

Tooling

None

Pawling Engineered Products LLC
157 Charles Colman Blvd.
Pawling, New York 12564 USA

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Fax: 845-855-1139