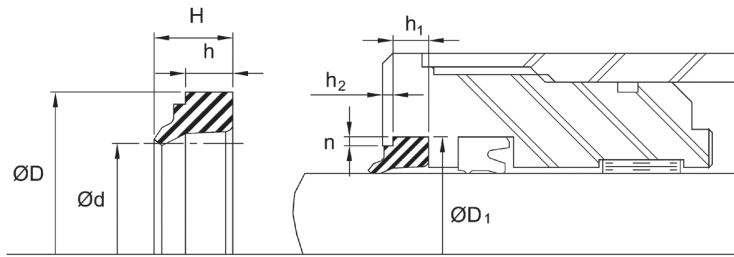
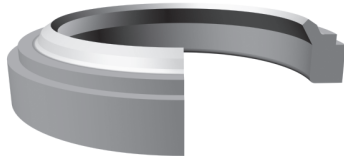


# WA/U - Rod Wipers

Polyurethane AU 90A



Temperature: -40/230F [ -40/110C ]

Pressure: N/A

Ref.Number	Rod diameter		Nominal Seal Dimensions				Housing Dimensions							
		Tol.	d	D	h	H	D1	Tol.	h1	Tol.	n	Tol.	h2	Tol.
W010018040WA/U	10.00	+0.00 / -0.04	10.00	18.00	7.00		18.00	+0.11 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W012018026WA/U	12.00	+0.00 / -0.04	12.00	18.00	5.00		18.00	+0.11 / -0.00	2.60	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W012020040WA/U	12.00	+0.00 / -0.04	12.00	20.00	7.00		20.00	+0.13 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W014022040WA/U	14.00	+0.00 / -0.04	14.00	22.00	7.00		22.00	+0.13 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W015023040WA/U	14.00	+0.00 / -0.04	14.00	23.00	7.00		23.00	+0.13 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W016024040WA/U	16.00	+0.00 / -0.04	16.00	24.00	7.00		24.00	+0.13 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W018026040WA/U	18.00	+0.00 / -0.04	18.00	26.00	7.00		26.00	+0.13 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W020028040WA/U	20.00	+0.00 / -0.04	20.00	28.00	7.00		28.00	+0.13 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W022030040WA/U	22.00	+0.00 / -0.04	22.00	30.00	7.00		30.00	+0.13 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W025033040WA/U	25.00	+0.00 / -0.04	25.00	33.00	7.00		33.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W028036040WA/U	28.00	+0.00 / -0.04	28.00	36.00	7.00		36.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W030038040WA/U	30.00	+0.00 / -0.04	30.00	38.00	7.00		38.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W032040040WA/U	32.00	+0.00 / -0.04	32.00	40.00	7.00		40.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W035043040WA/U	35.00	+0.00 / -0.04	35.00	43.00	7.00		43.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W036044040WA/U	36.00	+0.00 / -0.04	36.00	44.00	7.00		44.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W038046040WA/U	38.00	+0.00 / -0.04	38.00	46.00	7.00		46.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W040048040WA/U	40.00	+0.00 / -0.05	40.00	48.00	7.00		48.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W042050040WA/U	42.00	+0.00 / -0.05	42.00	50.00	7.00		50.00	+0.16 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W045053040WA/U	45.00	+0.00 / -0.05	45.00	53.00	7.00		53.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W050058040WA/U	50.00	+0.00 / -0.05	50.00	58.00	7.00		58.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W055063040WA/U	55.00	+0.00 / -0.05	55.00	63.00	7.00		63.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02



NOTE: MINIMUM LINE ORDER MAY APPLY

METRIC SIZE  
ROD WIPERS



**WA/U SERIES - AU 90A**

Ref.Number	Rod diameter		Nominal Seal Dimensions				Housing Dimensions							
		Tol.	d	D	h	H	D1	Tol.	h1	Tol.	n	Tol.	h2	Tol.
W056064040WA/U	56.00	+0.00 / -0.05	56.00	64.00	7.00		64.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W060068040WA/U	60.00	+0.00 / -0.05	60.00	68.00	7.00		68.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W062070040WA/U	62.00	+0.00 / -0.05	62.00	70.00	7.00		70.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W063071040WA/U	63.00	+0.00 / -0.05	63.00	71.00	7.00		71.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W065071040WA/U	65.00	+0.00 / -0.05	65.00	71.00	7.00		71.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W065073040WA/U	65.00	+0.00 / -0.06	65.00	73.00	7.00		73.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W070078040WA/U	70.00	+0.00 / -0.06	70.00	78.00	7.00		78.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W072080040WA/U	72.00	+0.00 / -0.06	72.00	80.00	7.00		80.00	+0.19 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W075083040WA/U	75.00	+0.00 / -0.06	75.00	83.00	7.00		83.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W078086040WA/U	78.00	+0.00 / -0.09	78.00	86.00	7.00		86.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W080088040WA/U	80.00	+0.00 / -0.09	80.00	88.00	7.00		88.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W082090040WA/U	82.00	+0.00 / -0.09	82.00	90.00	7.00		90.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W085093040WA/U	85.00	+0.00 / -0.09	85.00	93.00	7.00		93.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W090098040WA/U	90.00	+0.00 / -0.09	90.00	98.00	7.00		98.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W095103040WA/U	95.00	+0.00 / -0.09	95.00	103.00	7.00		103.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W100108040WA/U	100.00	+0.00 / -0.09	100.00	108.00	7.00		108.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W105113040WA/U	105.00	+0.00 / -0.09	105.00	113.00	7.00		113.00	+0.22 / -0.00	4.00	+0.15 / -0.00	1.00	+0.01 / -0.01	1.00	+0.02 / -0.02
W105117055WA/U	105.00	+0.00 / -0.13	105.00	117.00	10.00		117.00	+0.22 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W110122055WA/U	110.00	+0.00 / -0.13	110.00	122.00	10.00		122.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W115127055WA/U	115.00	+0.00 / -0.13	115.00	127.00	10.00		127.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W120132055WA/U	120.00	+0.00 / -0.13	120.00	132.00	10.00		132.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W125137055WA/U	125.00	+0.00 / -0.13	125.00	137.00	10.00		137.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W130142055WA/U	130.00	+0.00 / -0.13	130.00	142.00	10.00		142.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W135147055WA/U	135.00	+0.00 / -0.13	135.00	147.00	10.00		147.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W140152055WA/U	140.00	+0.00 / -0.13	140.00	152.00	10.00		152.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W145157055WA/U	145.00	+0.00 / -0.13	145.00	157.00	10.00		157.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W150162055WA/U	150.00	+0.00 / -0.13	150.00	162.00	10.00		162.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W160172055WA/U	160.00	+0.00 / -0.13	160.00	172.00	10.00		172.00	+0.25 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W170182055WA/U	170.00	+0.00 / -0.13	170.00	182.00	10.00		182.00	+0.29 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W180192055WA/U	180.00	+0.00 / -0.13	180.00	192.00	10.00		192.00	+0.29 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W190202055WA/U	190.00	+0.00 / -0.13	190.00	202.00	10.00		202.00	+0.29 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W200212055WA/U	200.00	+0.00 / -0.13	200.00	212.00	10.00		212.00	+0.29 / -0.00	5.50	+0.15 / -0.00	1.50	+0.01 / -0.01	1.50	+0.02 / -0.02
W220235055WA/U	220.00	+0.00 / -0.13	220.00	235.00	13.00		235.00	+0.29 / -0.00	5.50	+0.15 / -0.00	2.00	+0.01 / -0.01	2.00	+0.02 / -0.02
W230245055WA/U	230.00	+0.00 / -0.13	230.00	245.00	13.00		245.00	+0.29 / -0.00	5.50	+0.15 / -0.00	2.00	+0.01 / -0.01	2.00	+0.02 / -0.02
W240255055WA/U	240.00	+0.00 / -0.13	240.00	255.00	13.00		255.00	+0.32 / -0.00	5.50	+0.15 / -0.00	2.00	+0.01 / -0.01	2.00	+0.02 / -0.02
W260275055WA/U	260.00	+0.00 / -0.13	260.00	275.00	13.00		275.00	+0.32 / -0.00	5.50	+0.15 / -0.00	2.00	+0.01 / -0.01	2.00	+0.02 / -0.02
W275290055WA/U	275.00	+0.00 / -0.13	275.00	290.00	13.00		290.00	+0.32 / -0.00	5.50	+0.15 / -0.00	2.00	+0.01 / -0.01	2.00	+0.02 / -0.02

NOTE: MINIMUM LINE ORDER MAY APPLY

**METRIC SIZE  
ROD WIPERS**

