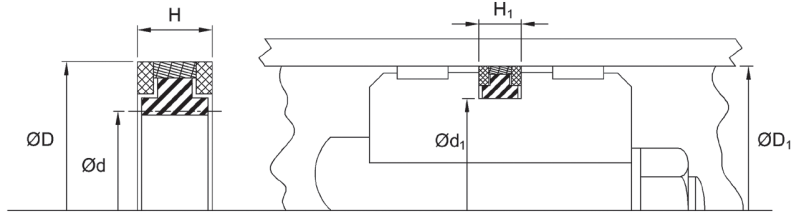
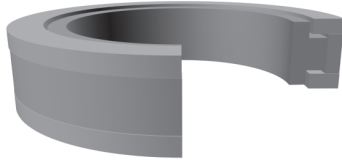


P4A - Piston Seals

BR. PTFE/Nitrile/Nylon

BF. PTFE/Nitrile/Nylon



Temperature: -20/220F [-29/104C]

Pressure: 6500 PSI [345 BAR]

Ref.Number	Bore diameter		Nominal Seal Dimensions			Housing Dimensions					
		Tol.	D	d	H	D1	Tol.	d1	Tol.	H1	Tol.
P050036085P4A	50.00	+0.08 / -0.00	50.00	36.00	8.50	50.00	+0.08 / -0.00	36.00	+0.00 / -0.20	9.00	+0.20 / -0.00
P050040075P4A	50.00	+0.08 / -0.00	50.00	40.00	7.50	50.00	+0.08 / -0.00	40.00	+0.00 / -0.20	8.00	+0.20 / -0.00
P055041085P4A	55.00	+0.08 / -0.00	55.00	41.00	8.50	55.00	+0.08 / -0.00	41.00	+0.00 / -0.20	9.00	+0.20 / -0.00
P060046085P4A	60.00	+0.08 / -0.00	60.00	46.00	8.50	60.00	+0.08 / -0.00	46.00	+0.00 / -0.20	9.00	+0.20 / -0.00
P063053075P4A	63.00	+0.08 / -0.00	63.00	53.00	7.50	63.00	+0.08 / -0.00	53.00	+0.00 / -0.20	8.00	+0.20 / -0.00
P065050105P4A	65.00	+0.08 / -0.00	65.00	50.00	10.50	65.00	+0.08 / -0.00	50.00	+0.00 / -0.20	11.00	+0.20 / -0.00
P070055105P4A	70.00	+0.08 / -0.00	70.00	55.00	10.50	70.00	+0.08 / -0.00	55.00	+0.00 / -0.20	11.00	+0.20 / -0.00
P070060075P4A	70.00	+0.08 / -0.00	70.00	60.00	7.50	70.00	+0.08 / -0.00	60.00	+0.00 / -0.20	8.00	+0.20 / -0.00
P070055120P4A	70.00	+0.08 / -0.00	70.00	55.00	12.00	70.00	+0.08 / -0.00	55.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P075060105P4A	75.00	+0.08 / -0.00	75.00	60.00	10.50	75.00	+0.08 / -0.00	60.00	+0.00 / -0.20	11.00	+0.20 / -0.00
P080065105P4A	80.00	+0.10 / -0.00	80.00	65.00	10.50	80.00	+0.10 / -0.00	65.00	+0.00 / -0.20	11.00	+0.20 / -0.00
P080065115P4A	80.00	+0.10 / -0.00	80.00	65.00	11.50	80.00	+0.10 / -0.00	65.00	+0.00 / -0.20	12.00	+0.20 / -0.00
P085070105P4A	85.00	+0.10 / -0.00	85.00	70.00	10.50	85.00	+0.10 / -0.00	70.00	+0.00 / -0.20	11.00	+0.20 / -0.00
P090075105P4A	90.00	+0.10 / -0.00	90.00	75.00	10.50	90.00	+0.10 / -0.00	75.00	+0.00 / -0.20	11.00	+0.20 / -0.00
P090075115P4A	90.00	+0.10 / -0.00	90.00	75.00	11.50	90.00	+0.10 / -0.00	75.00	+0.00 / -0.20	12.00	+0.20 / -0.00
P090075120P4A	90.00	+0.10 / -0.00	90.00	75.00	12.00	90.00	+0.10 / -0.00	75.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P095080105P4A	95.00	+0.10 / -0.00	95.00	80.00	10.50	95.00	+0.10 / -0.00	80.00	+0.00 / -0.20	11.00	+0.20 / -0.00
P095080120P4A	95.00	+0.10 / -0.00	95.00	80.00	12.00	95.00	+0.10 / -0.00	80.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P100085120P4A	100.00	+0.10 / -0.00	100.00	85.00	12.00	100.00	+0.10 / -0.00	85.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P105090120P4A	105.00	+0.10 / -0.00	105.00	90.00	12.00	105.00	+0.10 / -0.00	90.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P110095120P4A	110.00	+0.10 / -0.00	110.00	95.00	12.00	110.00	+0.10 / -0.00	95.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P115100120P4A	115.00	+0.10 / -0.00	115.00	100.00	12.00	115.00	+0.10 / -0.00	100.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P120100155P4A	120.00	+0.10 / -0.00	120.00	100.00	15.50	120.00	+0.10 / -0.00	100.00	+0.00 / -0.20	15.50	+0.20 / -0.00
P120105120P4A	120.00	+0.10 / -0.00	120.00	105.00	12.00	120.00	+0.10 / -0.00	105.00	+0.00 / -0.20	12.50	+0.20 / -0.00
P125102155P4A	125.00	+0.10 / -0.00	125.00	102.00	15.50	125.00	+0.10 / -0.00	102.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P125105155P4A	125.00	+0.10 / -0.00	125.00	105.00	15.50	125.00	+0.10 / -0.00	105.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P125108155P4A	125.00	+0.10 / -0.00	125.00	108.00	15.50	125.00	+0.10 / -0.00	108.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P130107155P4A	130.00	+0.10 / -0.00	130.00	107.00	15.50	130.00	+0.10 / -0.00	107.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P130110155P4A	130.00	+0.10 / -0.00	130.00	110.00	15.50	130.00	+0.10 / -0.00	110.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P135112155P4A	135.00	+0.10 / -0.00	135.00	112.00	15.50	135.00	+0.10 / -0.00	112.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P140117155P4A	140.00	+0.10 / -0.00	140.00	117.00	15.50	140.00	+0.10 / -0.00	117.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P140120155P4A	140.00	+0.10 / -0.00	140.00	120.00	15.50	140.00	+0.10 / -0.00	120.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P145122155P4A	145.00	+0.10 / -0.00	145.00	122.00	15.50	145.00	+0.10 / -0.00	122.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P150127155P4A	150.00	+0.10 / -0.00	150.00	127.00	15.50	150.00	+0.10 / -0.00	127.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P160137155P4A	160.00	+0.10 / -0.00	160.00	137.00	15.50	160.00	+0.10 / -0.00	137.00	+0.00 / -0.20	16.00	+0.20 / -0.00
P160140155P4A	160.00	+0.10 / -0.00	160.00	140.00	15.50	160.00	+0.10 / -0.00	140.00	+0.00 / -0.20	16.00	+0.20 / -0.00

NOTE: MINIMUM LINE ORDER MAY APPLY

P4A SERIES - BR.PTFE/NBR/NYLON

Ref.Number	Bore diameter		Nominal Seal Dimensions			Housing Dimensions					
		Tol.	D	d	H	D1	Tol.	d1	Tol.	H1	Tol.
P160145120P4A	160.00	+0.10/-0.00	160.00	145.00	12.00	160.00	+0.10/-0.00	145.00	+0.00/-0.20	12.50	+0.20/-0.00
P165142155P4A	165.00	+0.10/-0.00	165.00	142.00	15.50	165.00	+0.10/-0.00	142.00	+0.00/-0.20	16.00	+0.20/-0.00
P170147155P4A	170.00	+0.10/-0.00	170.00	147.00	15.50	170.00	+0.10/-0.00	147.00	+0.00/-0.20	16.00	+0.20/-0.00
P170155140P4A/VOLVO	170.00	+0.10/-0.00	170.00	155.00	O/R	170.00	+0.10/-0.00	155.00	+0.00/-0.20	----	+0.20/-0.00
P175152155P4A	175.00	+0.10/-0.00	175.00	152.00	15.50	175.00	+0.10/-0.00	152.00	+0.00/-0.20	16.00	+0.20/-0.00
P180157155P4A	180.00	+0.13/-0.00	180.00	157.00	15.50	180.00	+0.13/-0.00	157.00	+0.00/-0.20	16.00	+0.20/-0.00
P180160155P4A	180.00	+0.13/-0.00	180.00	160.00	15.50	180.00	+0.13/-0.00	160.00	+0.00/-0.20	16.00	+0.20/-0.00
P185162155P4A	185.00	+0.13/-0.00	185.00	162.00	15.50	185.00	+0.13/-0.00	162.00	+0.00/-0.20	16.00	+0.20/-0.00
P190167155P4A	190.00	+0.13/-0.00	190.00	167.00	15.50	190.00	+0.13/-0.00	167.00	+0.00/-0.20	16.00	+0.20/-0.00
P190175140P4A/VOLVO	190.00	+0.13/-0.00	190.00	175.00	O/R	190.00	+0.13/-0.00	175.00	+0.00/-0.20	----	+0.20/-0.00
P195172155P4A	195.00	+0.13/-0.00	195.00	172.00	15.50	195.00	+0.13/-0.00	172.00	+0.00/-0.20	16.00	+0.20/-0.00
P200177155P4A	200.00	+0.13/-0.00	200.00	177.00	15.50	200.00	+0.13/-0.00	177.00	+0.00/-0.20	16.00	+0.20/-0.00
P210187155P4A	210.00	+0.13/-0.00	210.00	187.00	15.50	210.00	+0.13/-0.00	187.00	+0.00/-0.20	16.00	+0.20/-0.00
P220197155P4A	220.00	+0.13/-0.00	220.00	197.00	15.50	220.00	+0.13/-0.00	197.00	+0.00/-0.20	16.00	+0.20/-0.00
P225194240P4A	225.00	+0.13/-0.00	225.00	194.00	23.50	225.00	+0.13/-0.00	194.00	+0.00/-0.20	24.00	+0.20/-0.00
P225202155P4A	225.00	+0.13/-0.00	225.00	202.00	15.50	225.00	+0.13/-0.00	202.00	+0.00/-0.20	16.00	+0.20/-0.00
P230207155P4A	230.00	+0.13/-0.00	230.00	207.00	15.50	230.00	+0.13/-0.00	207.00	+0.00/-0.20	16.00	+0.20/-0.00
P230210155P4A	230.00	+0.13/-0.00	230.00	210.00	15.50	230.00	+0.13/-0.00	210.00	+0.00/-0.20	16.00	+0.20/-0.00
P240217155P4A	240.00	+0.13/-0.00	240.00	217.00	15.50	240.00	+0.13/-0.00	217.00	+0.00/-0.20	16.00	+0.20/-0.00
P250222170P4A	250.00	+0.13/-0.00	250.00	222.00	17.00	250.00	+0.13/-0.00	222.00	+0.00/-0.20	17.50	+0.20/-0.00
P250230160P4A/VOLVO	250.00	+0.13/-0.00	250.00	230.00	O/R	250.00	+0.13/-0.00	230.00	+0.00/-0.20	----	+0.20/-0.00
P260232170P4A	260.00	+0.13/-0.00	260.00	232.00	17.00	260.00	+0.13/-0.00	232.00	+0.00/-0.20	17.50	+0.20/-0.00
P260240160P4A/VOLVO	260.00	+0.13/-0.00	260.00	240.00	O/R	260.00	+0.13/-0.00	240.00	+0.00/-0.20	----	+0.20/-0.00
P270242170P4A	270.00	+0.13/-0.00	270.00	242.00	17.00	270.00	+0.13/-0.00	242.00	+0.00/-0.20	17.50	+0.20/-0.00
P280252170P4A	280.00	+0.15/-0.00	280.00	252.00	17.00	280.00	+0.15/-0.00	252.00	+0.00/-0.20	17.50	+0.20/-0.00
P300272170P4A	300.00	+0.15/-0.00	300.00	272.00	17.00	300.00	+0.15/-0.00	272.00	+0.00/-0.20	17.50	+0.20/-0.00
P320292170P4A	320.00	+0.15/-0.00	320.00	292.00	17.00	320.00	+0.15/-0.00	292.00	+0.00/-0.20	17.50	+0.20/-0.00
P350322170P4A	350.00	+0.15/-0.00	350.00	322.00	17.00	350.00	+0.15/-0.00	322.00	+0.00/-0.20	17.50	+0.20/-0.00
P400372170P4A	400.00	+0.15/-0.00	400.00	372.00	17.00	400.00	+0.15/-0.00	372.00	+0.00/-0.20	17.50	+0.20/-0.00

NOTE: MINIMUM LINE ORDER MAY APPLY

**METRIC SIZE
PISTON SEALS**

