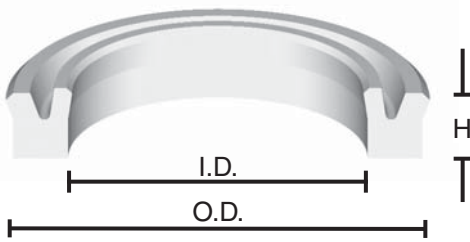


STYLE MPU PISTON SEALS

Molded from high quality urethane, the MPU is designed specifically for piston applications.



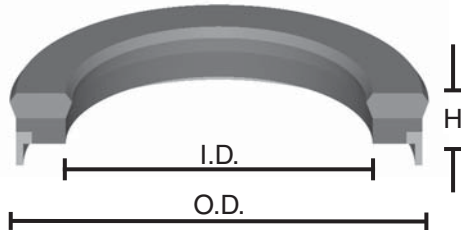
SEAL INFORMATION

MATERIAL	URETHANE
TEMPERATURE RANGE	-22° TO +212° F
PRESSURE RANGE	0 TO 5,000 PSI
PART NUMBER	(Prefix) - (ID) X (OD) X (H)

Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
MPU-15X25X8.2	\$7.10	MPU-50X60X6	\$12.07	MPU-65X75X6	\$18.17	MPU-85X100X9	\$27.95
MPU-17X25X5.7	7.49	MPU-50X60X7	12.07	MPU-67X75X8.8	9.27	MPU-85X100X11.4	18.24
MPU-24X32X5.7	7.49	MPU-48X63X11.4	10.09	MPU-62X78X10	15.82	MPU-90X100X6.8	16.21
MPU-25X35X7.3	8.15	MPU-53X63X7	8.77	MPU-60X80X12	20.35	MPU-85X105X15	34.57
MPU-21X37X11.8	8.73	MPU-53X63X7.3	9.76	MPU-65X80X9	20.35	MPU-90X110X12	34.88
MPU-30X40X7.3	8.15	MPU-53X63X12	8.20	MPU-65X80X11.4	19.12	MPU-100X110X8	34.88
MPU-35X45X6	10.87	MPU-50X65X10	16.62	MPU-65X80X12	8.77	MPU-105X125X14.5	38.68
MPU-35X45X7	6.46	MPU-50X70X12	18.17	MPU-70X80X6	18.17	MPU-115X125X15	12.88
MPU-32X50X10	7.38	MPU-50X70X15	8.77	MPU-70X80X6.8	12.35	MPU-130X150X14.5	46.17
MPU-40X50X6	10.46	MPU-55X70X9	18.50	MPU-70X80X7	7.38	MPU-140X150X13.6	35.68
MPU-40X50X7.3	11.35	MPU-55X70X10	12.67	MPU-70X90X12	42.65	MPU-140X160X18.2	48.92
MPU-45X55X6	12.04	MPU-60X70X6	15.76	MPU-75X90X9	22.22	MPU-180X200X14.5	61.22
MPU-45X55X7.3	11.35	MPU-61X71X6	18.17	MPU-80X90X6	24.96		
MPU-45X60X10	10.09	MPU-57X73X10	17.35	MPU-80X100X12	31.10		

STYLE MUFN-PWO PISTON SEALS

Constructed of a rubber seal lip with a rubberized fabric heel, these seals feature a polyacetal bearing ring. These seals offer excellent sealing ability and high pressure capability. The solid lip area increases the radial interference for improved low-pressure sealing. They are commonly used with our MSR retainer rings.



SEAL INFORMATION	
MATERIAL	NITRILE / FABRIC BASE ACETAL BEARING
TEMPERATURE RANGE	-22° TO +220° F
PRESSURE RANGE	0 TO 6,000 PSI
PART NUMBER	(Prefix) - (ID) X (OD) X (H)

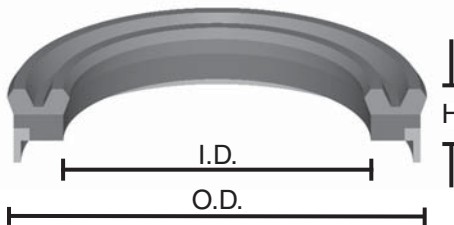
Part Number	List Price
MUFN-30X50X14PWO	\$ 9.30
MUFN-40X60X14PWO	9.97
MUFN-45X60X10.5PWO	6.48
MUFN-50X70X14PWO	10.07

Part Number	List Price
MUFN-60X80X14PWO	\$ 11.44
MUFN-70X90X14PWO	14.05
MUFN-80X100X14PWO	15.19
MUFN-85X104.5X12.8PWO	16.89

Part Number	List Price
MUFN-85X105X14PWO	\$ 16.43
MUFN-90X110X12.5PWO	10.26
MUFN-120X140X12PWO	16.63

STYLE MUFN-UWO PISTON SEALS

Constructed of a rubber seal lip with a rubberized fabric heel, these seals feature a polyacetal bearing ring. These seals offer excellent sealing ability and high pressure capability. They are commonly with MSR retention rings.



SEAL INFORMATION	
MATERIAL	NITRILE / FABRIC BASE ACETAL BEARING
TEMPERATURE RANGE	-22° TO +220° F
PRESSURE RANGE	0 TO 6,000 PSI
PART NUMBER	(Prefix) - (ID) X (OD) X (H)

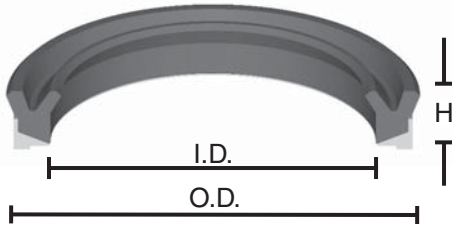
Part Number	List Price
MUFN-26X40X9UWO	\$ 12.25
MUFN-40X50X10UWO	9.06
MUFN-40X55X10.5UWO	9.30

Part Number	List Price
MUFN-50X63X10UWO	\$ 13.14
MUFN-60X80X14UWO	14.52
MUFN-65X80X12UWO	11.68

Part Number	List Price
MUFN-70X90X14UWO	\$ 15.98
MUFN-80X100X14UWO	15.19

STYLE MHP26 TWO PIECE PISTON SEALS

Molded from 70A nitrile for high sealability, they employ a hard nylon anti-extrusion ring as a companion piece.



SEAL INFORMATION

MATERIAL	70A NITRILE NYLON BACK-UP
TEMPERATURE RANGE	-20° TO +220° F
PRESSURE RANGE	0 TO 3,000 PSI
PART NUMBER	(PREFIX) - (OD)

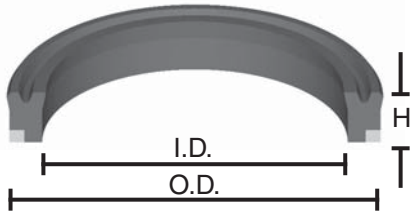
Part Number	ID	OD	H	List Price
MHP26-045	27	45	12.1	\$ 26.29
MHP26-050	32	50	12.1	33.13
MHP26-055	37	55	12.1	33.13
MHP26-060	42	60	12.1	33.13
MHP26-065	47	65	12.1	33.13
MHP26-070	48	70	14.5	33.13
MHP26-080	58	80	14.5	33.13
MHP26-090	68	90	14.5	39.13
MHP26-100	78	100	14.5	39.13
MHP26-110	88	110	14.5	43.78
MHP26-115	93	115	14.5	43.78

Part Number	ID	OD	H	List Price
MHP26-120	98	120	14.5	\$ 45.42
MHP26-125	103	125	14.5	49.28
MHP26-130	108	130	14.5	49.28
MHP26-140	118	140	14.5	56.82
MHP26-150	128	150	14.5	63.34
MHP26-160	138	160	14.5	68.28
MHP26-170	148	170	14.5	73.73
MHP26-180	158	180	14.5	78.74
MHP26-190	168	190	14.5	83.60
MHP26-200	178	200	14.5	85.48

STYLE MHP27 U-TYPE PISTON SEALS



Molded from 70A nitrile for high sealability, they employ a hard acetal anti-extrusion ring as a companion piece.



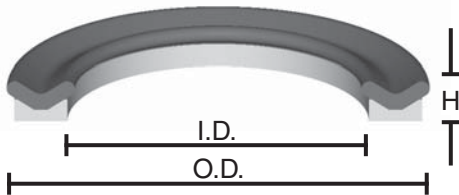
Part Number	ID	OD	H	List Price
MHP27-040	25	40	12	\$ 7.34
MHP27-050	35	50	12	9.79
MHP27-060	35	60	15.5	17.78
MHP27-070	45	70	15.5	12.83
MHP27-090	65	90	18	14.28

SEAL INFORMATION

MATERIAL	70A NITRILE ACETAL BACK-UP
TEMPERATURE RANGE	-20° TO +220° F
PRESSURE RANGE	0 TO 4,000 PSI
PART NUMBER	(PREFIX) - (OD)

STYLE MHP28 U-TYPE PISTON SEALS

Molded from 70A nitrile for high sealability, they employ a hard nylon anti-extrusion ring as a companion piece.



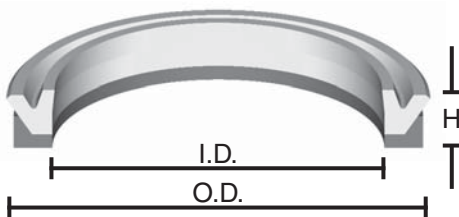
Part Number	ID	OD	H	List Price
MHP28-070	40	70	12	\$ 43.63

SEAL INFORMATION

MATERIAL	70A NITRILE NYLON BACK-UP
TEMPERATURE RANGE	-20° TO +220° F
PRESSURE RANGE	0 TO 3,000 PSI
PART NUMBER	(PREFIX) - (OD)

STYLE MHP29 U-TYPE PISTON SEALS

Molded from urethane for resistance to extrusion and abrasion; they employ a hard nylon anti-extrusion ring.



Part Number	ID	OD	H	List Price
MHP29-070	55	70	12	\$ 43.63
MHP29-085	70	85	12	51.00

SEAL INFORMATION

MATERIAL	URETHANE SEAL NYLON BACK-UP
TEMPERATURE RANGE	-40° TO +200° F
PRESSURE RANGE	0 TO 3,000 PSI
PART NUMBER	(PREFIX) - (OD)

STYLE MUKPN U-TYPE PISTON SEALS

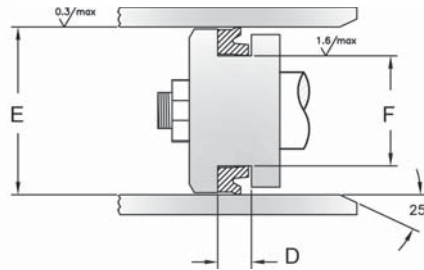
MUKPN is an asymmetrical single-acting pneumatic piston seal. Molded in Nitrile, this seal is resistant to water and most oils while maintaining good low-pressure sealing.



PART NUMBERS

MUKPN - 8 X 5 X 4

Type of Seal Rod Diameter Groove Diameter Height



SEAL INFORMATION

MATERIAL	80 A NBR
TEMPERATURE RANGE	-22° TO +212° F
PRESSURE RANGE	0 TO 1,500
PART NUMBER	(Prefix) - (ID) X (OD) X (H)

Part Number	A Nom. I.D.	B Nom. O.D.	C Nom. Ht.	D Groove Width	E Bore Diameter	F Groove Diameter	List Price
MUKPN-8X5X4	5	8	4	4.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	8 $\begin{smallmatrix} +0.090 \\ 0.000 \end{smallmatrix}$	5 $\begin{smallmatrix} 0.000 \\ -0.030 \end{smallmatrix}$	\$ 3.77
MUKPN-10X5X3.5	5	10	3.5	4 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	10 $\begin{smallmatrix} +0.090 \\ 0.000 \end{smallmatrix}$	5 $\begin{smallmatrix} 0.000 \\ -0.030 \end{smallmatrix}$	3.97
MUKPN-11X6X4	6	11	4	4.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	11 $\begin{smallmatrix} +0.110 \\ 0.000 \end{smallmatrix}$	6 $\begin{smallmatrix} 0.000 \\ -0.030 \end{smallmatrix}$	2.73
MUKPN-12X6X4	6	12	4	4.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	12 $\begin{smallmatrix} +0.110 \\ 0.000 \end{smallmatrix}$	6 $\begin{smallmatrix} 0.000 \\ -0.030 \end{smallmatrix}$	3.77
MUKPN-13X7X4	7	13	4	4.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	13 $\begin{smallmatrix} +0.110 \\ 0.000 \end{smallmatrix}$	7 $\begin{smallmatrix} 0.000 \\ -0.036 \end{smallmatrix}$	3.04
MUKPN-15X7X5.5	7	15	5.5	6 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	15 $\begin{smallmatrix} +0.110 \\ 0.000 \end{smallmatrix}$	7 $\begin{smallmatrix} 0.000 \\ -0.036 \end{smallmatrix}$	4.08
MUKPN-16X8X5.5	8	16	5.5	6 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	16 $\begin{smallmatrix} +0.110 \\ 0.000 \end{smallmatrix}$	8 $\begin{smallmatrix} 0.000 \\ -0.036 \end{smallmatrix}$	3.04
MUKPN-16X10X4	10	16	4	4.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	16 $\begin{smallmatrix} +0.110 \\ 0.000 \end{smallmatrix}$	10 $\begin{smallmatrix} 0.000 \\ -0.036 \end{smallmatrix}$	3.04
MUKPN-18X10X5.5	10	18	5.5	6 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	18 $\begin{smallmatrix} +0.110 \\ 0.000 \end{smallmatrix}$	10 $\begin{smallmatrix} 0.000 \\ -0.036 \end{smallmatrix}$	3.04
MUKPN-20X12X5.5	12	20	5.5	6 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	20 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	12 $\begin{smallmatrix} 0.000 \\ -0.043 \end{smallmatrix}$	3.04
MUKPN-20X14X6	14	20	6	6.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	20 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	14 $\begin{smallmatrix} 0.000 \\ -0.043 \end{smallmatrix}$	3.87
MUKPN-24X16X5.5	16	24	5.5	6 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	24 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	16 $\begin{smallmatrix} 0.000 \\ -0.043 \end{smallmatrix}$	3.87
MUKPN-25X15X5	15	25	5	5.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	25 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	15 $\begin{smallmatrix} 0.000 \\ -0.043 \end{smallmatrix}$	3.87
MUKPN-28X16X9	16	28	9	10 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	28 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	16 $\begin{smallmatrix} 0.000 \\ -0.043 \end{smallmatrix}$	3.87
MUKPN-28X20X5.5	20	28	5.5	6 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	28 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	20 $\begin{smallmatrix} 0.000 \\ -0.052 \end{smallmatrix}$	4.23
MUKPN-30X15X10	15	30	10	11 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	30 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	15 $\begin{smallmatrix} 0.000 \\ -0.043 \end{smallmatrix}$	3.87
MUKPN-30X20X7	20	30	7	7.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	30 $\begin{smallmatrix} +0.130 \\ 0.000 \end{smallmatrix}$	20 $\begin{smallmatrix} 0.000 \\ -0.052 \end{smallmatrix}$	4.90

STYLE MUKPN U-TYPE PISTON SEALS



Part Number	A Nom. I.D.	B Nom. O.D.	C Nom. Ht.	D Groove Width	E Bore Diameter	F Groove Diameter	List Price
MUKPN-30X22X5.5	22	30	5.5	6 +0.200 0.000	30 +0.130 0.000	22 0.000 -0.052	\$ 4.90
MUKPN-32X22X7	22	32	7	7.5 +0.200 0.000	32 +0.160 0.000	22 0.000 -0.052	4.90
MUKPN-32X24X5.5	24	32	5.5	6 +0.200 0.000	32 +0.160 0.000	24 0.000 -0.052	4.90
MUKPN-35X22X8	22	35	8	8.5 +0.200 0.000	35 +0.160 0.000	22 0.000 -0.052	5.11
MUKPN-36X24X9	24	36	9	10 +0.200 0.000	36 +0.160 0.000	24 0.000 -0.052	5.11
MUKPN-36X26X7	26	36	7	7.5 +0.200 0.000	36 +0.160 0.000	26 0.000 -0.052	5.11
MUKPN-38X26X10	26	38	10	11 +0.200 0.000	38 +0.160 0.000	26 0.000 -0.052	5.11
MUKPN-40X28X6	28	40	6	6.5 +0.200 0.000	40 +0.160 0.000	28 0.000 -0.052	5.62
MUKPN-40X28X9	28	40	9	10 +0.200 0.000	40 +0.160 0.000	28 0.000 -0.052	4.49
MUKPN-40X30X7	30	40	7	7.5 +0.200 0.000	40 +0.160 0.000	30 0.000 -0.052	4.49
MUKPN-40X32X3.25	32	40	3.25	3.75 +0.200 0.000	40 +0.160 0.000	32 0.000 -0.062	4.49
MUKPN-44X28X12	28	44	12	13 +0.200 0.000	44 +0.160 0.000	28 0.000 -0.052	4.70
MUKPN-45X33X9	33	45	9	10 +0.200 0.000	45 +0.160 0.000	33 0.000 -0.062	5.05
MUKPN-45X37X6	37	45	6	6.5 +0.200 0.000	45 +0.160 0.000	37 0.000 -0.062	5.05
MUKPN-48X40X5.5	40	48	5.5	6 +0.200 0.000	48 +0.160 0.000	40 0.000 -0.062	5.05
MUKPN-50X30X15	30	50	15	16 +0.200 0.000	50 +0.160 0.000	30 0.000 -0.052	5.31
MUKPN-50X38X6	38	50	6	6.5 +0.200 0.000	50 +0.160 0.000	38 0.000 -0.062	5.31
MUKPN-50X40X7.2	40	50	7.2	7.7 +0.200 0.000	50 +0.160 0.000	40 0.000 -0.062	5.31
MUKPN-50X42X3.25	42	50	3.25	3.75 +0.200 0.000	50 +0.160 0.000	42 0.000 -0.062	5.56
MUKPN-50X42X8	42	50	8	8.5 +0.200 0.000	50 +0.160 0.000	42 0.000 -0.062	5.56
MUKPN-52X36X12	36	52	12	13 +0.200 0.000	52 +0.190 0.000	36 0.000 -0.062	5.81
MUKPN-54X46X8	46	54	8	8.5 +0.200 0.000	54 +0.190 0.000	46 0.000 -0.062	5.81
MUKPN-55X45X7.5	45	55	7.5	8 +0.200 0.000	55 +0.190 0.000	45 0.000 -0.062	6.04
MUKPN-60X40X12	40	60	12	13 +0.200 0.000	60 +0.190 0.000	40 0.000 -0.062	6.32
MUKPN-60X44X12	44	60	12	13 +0.200 0.000	60 +0.190 0.000	44 0.000 -0.062	6.48

STYLE MUKPN U-TYPE PISTON SEALS

PISTON U-SEALS

Part Number	A Nom. I.D.	B Nom. O.D.	C Nom. Ht.	D Groove Width	E Bore Diameter	F Groove Diameter	List Price
MUKPN-60X48X7.5	48	60	7.5	8 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	60 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	48 $\begin{smallmatrix} 0.000 \\ -0.062 \end{smallmatrix}$	\$ 6.48
MUKPN-60X48X9	48	60	9	10 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	60 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	48 $\begin{smallmatrix} 0.000 \\ -0.062 \end{smallmatrix}$	6.48
MUKPN-60X50X7	50	60	7	7.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	60 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	50 $\begin{smallmatrix} 0.000 \\ -0.062 \end{smallmatrix}$	6.71
MUKPN-60X50X10.5	50	60	10.5	11.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	60 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	50 $\begin{smallmatrix} 0.000 \\ -0.062 \end{smallmatrix}$	6.76
MUKPN-62X46X12	46	62	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	62 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	46 $\begin{smallmatrix} 0.000 \\ -0.062 \end{smallmatrix}$	6.87
MUKPN-65X49X12	49	65	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	65 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	49 $\begin{smallmatrix} 0.000 \\ -0.062 \end{smallmatrix}$	6.87
MUKPN-65X53X10	53	65	10	11 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	65 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	53 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	7.09
MUKPN-65X55X12	55	65	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	65 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	55 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	7.09
MUKPN-70X54X8	54	70	8	8.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	70 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	54 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	7.35
MUKPN-70X54X12	54	70	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	70 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	54 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	7.69
MUKPN-70X58X8.5	58	70	8.5	9.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	70 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	58 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	7.69
MUKPN-75X55X12	55	75	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	75 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	55 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	8.21
MUKPN-75X59X12	59	75	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	75 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	59 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	8.21
MUKPN-75X63X8.5	63	75	8.5	9.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	75 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	63 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	8.62
MUKPN-80X60X14	60	80	14	15 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	80 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	60 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	8.93
MUKPN-80X64X12	64	80	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	80 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	64 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	8.93
MUKPN-80X68X8.5	68	80	8.5	9.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	80 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	68 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	8.93
MUKPN-80X72X12	72	80	12	13 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	80 $\begin{smallmatrix} +0.190 \\ 0.000 \end{smallmatrix}$	72 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	9.17
MUKPN-85X73X8.2	73	85	8.2	9.2 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	85 $\begin{smallmatrix} +0.220 \\ 0.000 \end{smallmatrix}$	73 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	9.55
MUKPN-90X78X8.5	78	90	8.5	9.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	90 $\begin{smallmatrix} +0.220 \\ 0.000 \end{smallmatrix}$	78 $\begin{smallmatrix} 0.000 \\ -0.074 \end{smallmatrix}$	10.78
MUKPN-100X82X13.5	82	100	13.5	14.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	100 $\begin{smallmatrix} +0.220 \\ 0.000 \end{smallmatrix}$	82 $\begin{smallmatrix} 0.000 \\ -0.087 \end{smallmatrix}$	13.26
MUKPN-100X84X8	84	100	8	8.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	100 $\begin{smallmatrix} +0.220 \\ 0.000 \end{smallmatrix}$	84 $\begin{smallmatrix} 0.000 \\ -0.087 \end{smallmatrix}$	13.99
MUKPN-100X88X8.5	88	100	8.5	9.5 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	100 $\begin{smallmatrix} +0.220 \\ 0.000 \end{smallmatrix}$	88 $\begin{smallmatrix} 0.000 \\ -0.087 \end{smallmatrix}$	14.88
MUKPN-105X85X15	85	105	15	16 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	105 $\begin{smallmatrix} +0.220 \\ 0.000 \end{smallmatrix}$	85 $\begin{smallmatrix} 0.000 \\ -0.087 \end{smallmatrix}$	15.43
MUKPN-110X90X15	90	110	15	16 $\begin{smallmatrix} +0.200 \\ 0.000 \end{smallmatrix}$	110 $\begin{smallmatrix} +0.220 \\ 0.000 \end{smallmatrix}$	90 $\begin{smallmatrix} 0.000 \\ -0.087 \end{smallmatrix}$	15.48

STYLE MUKPN U-TYPE PISTON SEALS



Part Number	A Nom. I.D.	B Nom. O.D.	C Nom. Ht.	D Groove Width	E Bore Diameter	F Groove Diameter	List Price
MUKPN-110X95X10.4	95	110	10.4	11.4 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	110 $\begin{matrix} +0.220 \\ 0.000 \end{matrix}$	95 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	\$ 15.48
MUKPN-115X95X15	95	115	15	16 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	115 $\begin{matrix} +0.220 \\ 0.000 \end{matrix}$	95 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	16.38
MUKPN-115X100X10	100	115	10	11 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	115 $\begin{matrix} +0.220 \\ 0.000 \end{matrix}$	100 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	16.38
MUKPN-120X100X15	100	120	15	16 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	120 $\begin{matrix} +0.220 \\ 0.000 \end{matrix}$	100 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	17.39
MUKPN-120X105X10	105	120	10	11 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	120 $\begin{matrix} +0.220 \\ 0.000 \end{matrix}$	105 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	17.39
MUKPN-120X106X14	106	120	14	15 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	120 $\begin{matrix} +0.220 \\ 0.000 \end{matrix}$	106 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	17.39
MUKPN-125X103X16	103	125	16	17 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	125 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	103 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	18.42
MUKPN-125X110X10	110	125	10	11 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	125 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	110 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	15.77
MUKPN-130X110X15	110	130	15	16 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	130 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	110 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	17.19
MUKPN-136X116X14	116	136	14	15 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	136 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	116 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	21.21
MUKPN-140X120X14	120	140	14	15 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	140 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	120 $\begin{matrix} 0.000 \\ -0.087 \end{matrix}$	19.13
MUKPN-140X125X10	125	140	10	11 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	140 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	125 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	19.13
MUKPN-150X135X10	135	150	10	11 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	150 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	135 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	47.12
MUKPN-155X130X18	130	155	18	19 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	155 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	130 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	20.85
MUKPN-160X144X16	144	160	16	17 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	160 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	144 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	21.01
MUKPN-160X145X10	145	160	10	11 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	160 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	145 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	23.28
MUKPN-175X145X18	145	175	18	19 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	175 $\begin{matrix} +0.250 \\ 0.000 \end{matrix}$	145 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	36.57
MUKPN-195X170X14	170	195	14	15 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	195 $\begin{matrix} +0.290 \\ 0.000 \end{matrix}$	170 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	47.27
MUKPN-200X180X8.25	180	200	8.25	9.25 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	200 $\begin{matrix} +0.290 \\ 0.000 \end{matrix}$	180 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	50.10
MUKPN-200X180X14	180	200	14	15 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	200 $\begin{matrix} +0.290 \\ 0.000 \end{matrix}$	180 $\begin{matrix} 0.000 \\ -0.100 \end{matrix}$	53.20
MUKPN-250X230X14	230	250	14	15 $\begin{matrix} +0.200 \\ 0.000 \end{matrix}$	250 $\begin{matrix} +0.290 \\ 0.000 \end{matrix}$	230 $\begin{matrix} 0.000 \\ -0.115 \end{matrix}$	71.14