

Surface Roughness
Rod Surface 0.8~1.6 μ mRmax(0.2~0.4 μ mRa)

**DH-03
Dust Wiper**

Mechanical Properties

- Material: L-93
- Specific Gravity (ASTM D792): 1.19
- Hardness (ASTM D2240): 90 \pm 2
- Tensile Strength (ASTM D412): 397
- 100% Modulus (ASTM D412): 97
- 300% Modulus (ASTM D412): 175
- Compression Set 22h/70°C (ASTM D395): 14
- Compression Set 22h/100°C (ASTM D395): 27

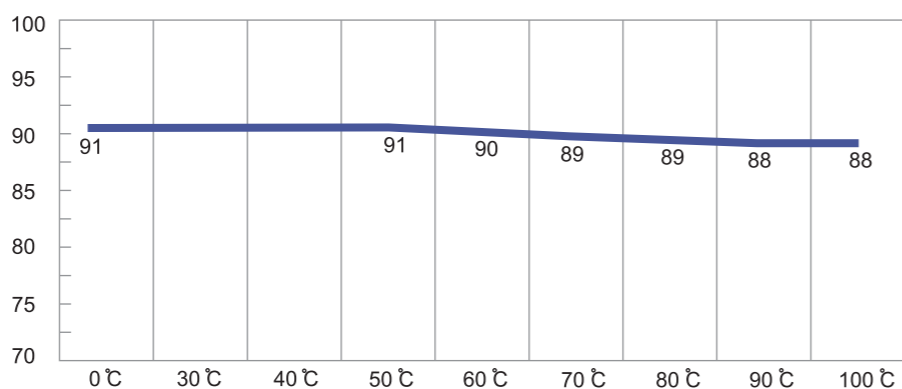
Working Conditions

- Working Speed: 0.03~0.5 m/sec
- Working Temp.: -20~100°C

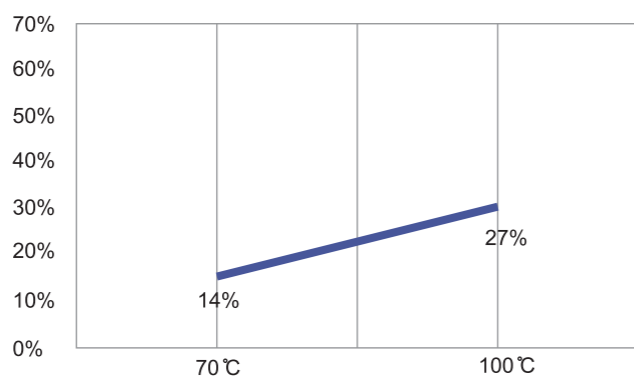
Oil Resistance

- Testing Oil: Hydraulic Oil
- Material: L-93
- Testing Temp. (°C): 100/120
- Testing Time (Hour): 100/100
- Hardness Variation (Shore A): 0/-1
- Tensile Strength Variation (%): -12/-21
- Volume Variation (%): +0.04/+0.68

Influence of Temperature on Hardness (Shore A)



Compression Set



Type	$\varnothing d$	$\varnothing D$	t	h	H
DH-03	8	16	4.7	5.9	5.2
DH-03	10	16	3.6	4.8	4
DH-03	12	18	3.6	4.8	4
DH-03	12.5	20.5	4.5	6	5
DH-03	13	20	5	6.5	6
DH-03	14	20	3.6	4.8	4
DH-03	16	22	3.6	4.8	4
DH-03	16	24	4.5	6	5
DH-03	18	26	4.5	6	5
DH-03	20	26	3.6	4.8	4
DH-03	20	28	4.5	6	5
DH-03	22	30	4.5	6	5
DH-03	22.4	30.4	4.5	6	5
DH-03	25	31	3.6	4.8	4
DH-03	25	33	4.5	6	5
DH-03	26	34	4.5	5.8	5
DH-03	28	36	4.5	5.8	5
DH-03	28	36	4.5	6	5
DH-03	30	38	5	6.5	6
DH-03	32	40	4.5	5.8	5
DH-03	35	43	5	6.5	6
DH-03	35	45	4.6	8	5
DH-03	35.5	43.5	5	6.5	6
DH-03	36	44	4.5	5.8	5
DH-03	40	48	4.5	5.8	5
DH-03	40	48	5	6.5	6
DH-03	40	50	4.5	6	5
DH-03	40	50	6	7.5	7
DH-03	45	53	4.5	6.2	5
DH-03	45	53	5	6.5	6
DH-03	50	58	3.6	5	4
DH-03	50	58	5	6.5	6
DH-03	55	63	5	6.5	6
DH-03	56	66	5.3	6.8	6
DH-03	60	68	5	6.5	6
DH-03	60	70	5.3	6.8	6
DH-03	63	71	5	6.5	6
DH-03	65	73	5	6.5	6
DH-03	70	80	5.3	6.8	6
DH-03	70	80	6	8	7
DH-03	75	85	6	8	7

Type	$\varnothing d$	$\varnothing D$	t	h	H
DH-03	80	90	5.3	6.8	6
DH-03	80	90	6	8	7
DH-03	85	95	6	8	7
DH-03	90	100	6	8	7
DH-03	100	110	6	8	7
DH-03	100	115	7.5	9.5	8.5
DH-03	112	122	6	8	7
DH-03	125	138	7	9.5	8
DH-03	125	140	7.5	9.5	8.5