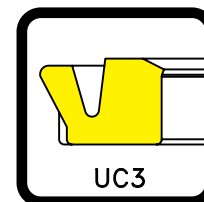
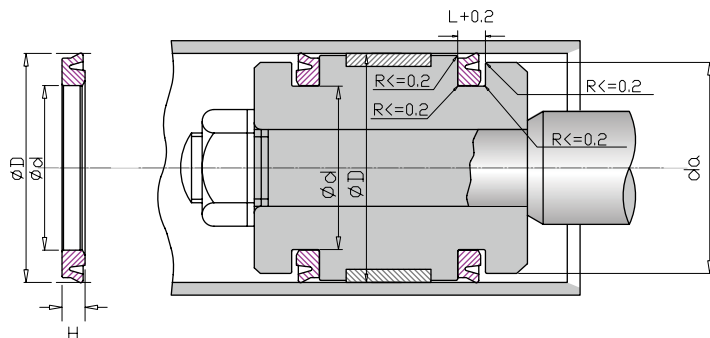


UC3 Series

Pneumatic U-Cup Piston Seal



FKM/FPM 75 PHYSICAL PROPERTIES			
Working Pressure: ≤ 1.6 Mpa			
Working Temperature: $-20^{\circ}\text{C} \sim +225^{\circ}\text{C}$			
Surface Speed: ≤ 1.0 m/s			
Hardness	75 Shore A	DIN53505	
Tensile Strength	15.3 Mpa	DIN53504	
	2214 psi	ASTM D-412	
Elongation	241 %	DIN53504	
Compression Set	9 %	DIN53517	
22hrs @ 200°C	9 %	ASTM D-395	
Standard Compound	V7514AA		
Color	Black ●		

NBR 75 / 85 PHYSICAL PROPERTIES			
Working Pressure: ≤ 1.0 Mpa / ≤ 1.6 Mpa			
Working Temperature: $-25^{\circ}\text{C} \sim +100^{\circ}\text{C}$			
Surface Speed: ≤ 1.0 m/s			
Hardness	75 / 85 Shore A	DIN53505	
Tensile Strength	22.8 / 20.7 Mpa	DIN53504	
	3306 / 3008 psi	ASTM D-412	
Elongation	320 / 130 %	DIN53504	
Compression Set	10.9 / 4.9 %	DIN53517	
24hrs @ 100°C	10.9 / 4.9 %	ASTM D-395	
Standard Compound	N7539AA / N8594AA		
Color	Black ●		

CODE	D (mm)	d (mm)	H (mm)	L	da
UC30001	4	1.50	1.50	2.00	3.6
UC30002	5	2.50	1.50	2.00	4.6
UC30003	6	3.00	2.00	2.50	5.6
UC30004	8	4.00	2.55	3.00	7.6
UC30005	8	4.80	2.30	2.70	7.6
UC30006	8	5.45	2.30	2.80	7.6
UC30007	10	3.00	3.50	4.00	9.6
UC30008	10	6.00	2.55	3.00	9.6
UC30009	10	6.45	2.55	3.00	9.6
UC30010	12	7.00	2.55	3.00	11.6
UC30011	13	8.00	2.55	3.00	12.6
UC30012	14	8.00	2.55	3.00	13.6
UC30013	15	9.00	2.55	3.00	14.6
UC30014	16	10.00	2.55	3.00	15.6
UC30015	16	11.00	2.55	3.00	15.6
UC30016	18	12.00	2.55	3.00	17.6
UC30017	20	14.00	2.55	3.00	19.6
UC30018	21	15.00	2.55	3.00	20.4
UC30019	22	16.00	2.55	3.00	21.4
UC30020	24	18.00	3.25	3.50	23.4
UC30021	25	19.00	3.25	3.50	24.4
UC30022	28	22.00	3.25	3.50	27.4
UC30023	30	22.00	3.25	3.50	29.4

CODE	D (mm)	d (mm)	H (mm)	L	da
UC30025	32	24.00	3.25	3.50	31.4
UC30026	35	27.00	3.25	3.50	34.4
UC30027	36	28.00	3.25	3.50	35.4
UC30028	37	29.00	3.25	3.50	36.4
UC30029	38	30.00	3.25	3.50	37.4
UC30030	40	32.00	3.25	3.50	39.4
UC30031	42	34.00	3.25	3.50	41.4
UC30032	45	37.00	3.25	3.50	44.4
UC30033	50	42.00	3.25	3.50	49.4
UC30034	52	42.00	4.25	4.50	51.4
UC30036	58	48.00	4.25	4.50	57.4
UC30037	63	53.00	4.25	4.50	62.4
UC30038	80	70.00	4.25	4.50	79.4
UC30039	90	80.00	4.25	4.50	89.4
UC30040	100	90.00	4.25	4.50	99.4
UC30041	125	105.00	8.25	8.50	123.8
UC30042	150	130.00	8.25	8.50	148.8
UC30043	160	140.00	8.25	8.50	158.8
UC30044	200	180.00	8.25	8.50	198.8