

K620

Premium Pro
Rod Seal
Single -Acting

INTRODUCTION

K620 is a double lip rod seals. We called it version **Premium Pro** because it is the best material over the world.

They can use in **extremely strict application** such as **Aerospace, Oil and Gas, Hammer, Quarry.**

It keeps the most important roles of hydraulic cylinders. K620 is a best of range **high pressure and temperature performance**. KOLBEN UPA1003® is **superior excellent** material that used to **draconic** application. This is one of **best material** over the world.

KOLBEN UPA1003® are designed and synthesised to provide **superior mechanical performance at elevated temperatures** with the same batch to batch consistency and ease of downstream processing



APPLICATION

Aerospace
Automotive
Construction and Mining
Logistics
Manufacturing and Machine Tools
Material Handling
Oil and Gas
Printing
Processing Equipment

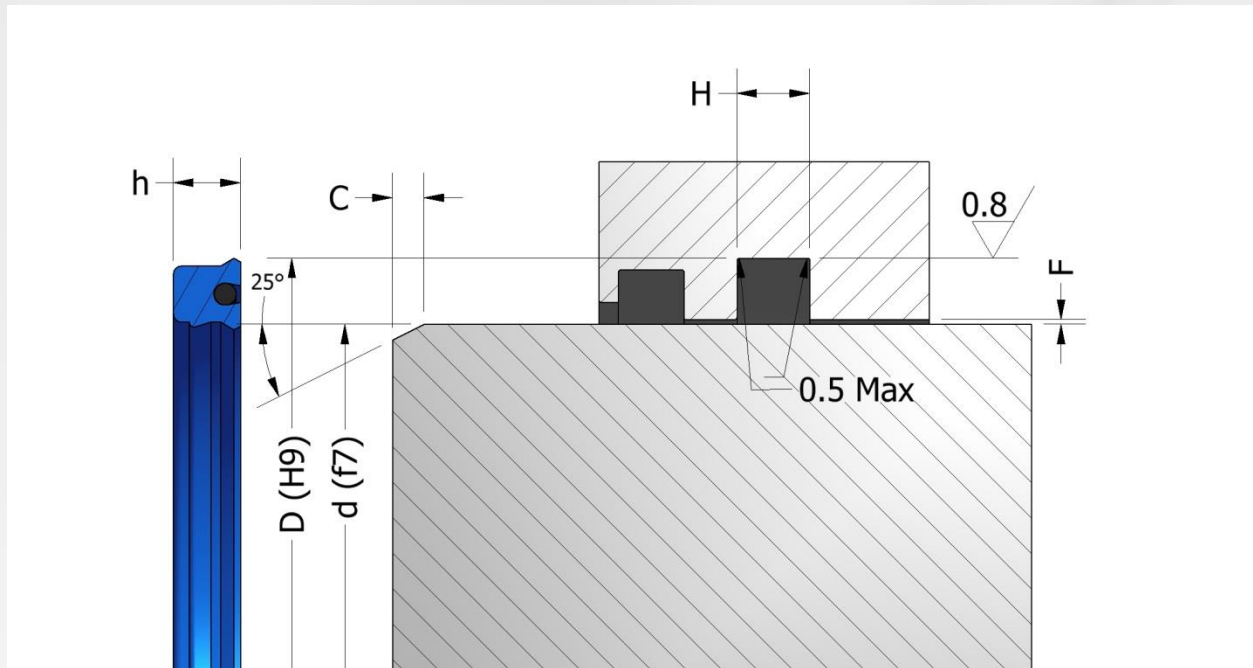
MATERIAL

KOLBEN UPA1003®
NBR 90 Shore A

FEATURES

Super excellent wear & abrasion resistance.
Easy installation.
Low compression
Low load at high speed, low noise
Super excellent resistance to extrusion and wear.
Extreme high extrusion resistance
Enhanced sealing performance in non- pressurized condition.





Material	Application fluid	Temperature °C	Speed	Pressure	Max. Gap F
KOLBEN UPA1003®	Hydraulic oil 68 Grease Oil Brake Food Perfume Medical	-50 to +160	≤ 1,0m/s	300 Bar	F ≤ 0,6 mm
				350 Bar	F ≤ 0,5 mm
				500 Bar	F ≤ 0,4 mm

Article No.	Rod Diameter	Groove Diameter	Seal Width	Groove Width		
	d (f7)	D (H9)	h	H +0.2	C	R1
20100001	13	19	4	4.5	4	0.4
20100002	25	33	5	5.7	4	0.4
20100003	26	38	8	9	4	0.4
20100004	28	36	5	6	4	0.4
20100005	30	40	6	7	4	0.4
20100006	30	40	7	8	4	0.4
20100007	30	40	8	9	4	0.4

20100008	30	40	10	11	4	0.4
20100009	32	42	6	7	4	0.4
20100010	32	45	10	11	4	0.4
20100011	35	45	6	7	4.5	0.4
20100012	35	45	8	9	4	0.4
20100013	40	50	6	7	4	0.4
20100014	40	50	7	8	4	0.4
20100015	40	50	8	9	4	0.4
20100016	45	55	6	7	4	0.4
20100017	45	55	7	8	4	0.4
20100018	45	55	8	9	4	0.4
20100019	50	60	6	7	4	0.4
20100020	50	60	7	8	4.5	0.4
20100021	50	60	8	9	4.5	0.4
20100022	50	60	10	11	4.5	0.4
20100063	50	65	9	10	4.5	0.4
20100023	55	65	6	7	4.5	0.4
20100024	55	65	7	8	4.5	0.4
20100025	55	65	8	9	4	0.4
20100026	55	68	10	11	4	0.4
20100027	55	70	9	10	4.5	0.4
20100028	55	72	12	13	4.5	0.4
20100029	55	75	12	13	4.5	0.4
20100030	60	70	6	7	4	0.4
20100031	60	70	7	8	4	0.4
20100032	60	7	8	9	4	0.4
20100033	60	73	10	11	4	0.4
20100034	60	76.2	10	11	4	0.4
20100036	60	75	9	10	4	0.4
20100037	60	75	12	13	4	0.4
20100035	65	75	8	9	4.5	0.4
20100038	65	78	10	11	4	0.4
20100039	65	80	9	10	4.5	0.4
20100040	70	80	6	7	4	0.4
20100065	70	80	9	10	5	0.4
20100041	70	83	10	11	4	0.4
20100042	70	85	9	10	4	0.4
20100043	70	85	10	11	4	0.4
20100057	70	90	12	13	5	0.4
20100044	75	85	10	11	4.5	0.4
20100045	75	88	10	11	4.5	0.4

20100046	75	90	9	10	4.5	0.4
20100047	80	93	10	11	4	0.4
20100048	80	95	9	10	4	0.4
20100058	80	100	9	10	4.5	0.4
20100066	85	93	8	9	5	0.4
20100049	85	100	9	10	4	0.4
20100050	90	100	10	11	4	0.4
20100051	90	105	9	10	4	0.4
20100052	90	105	10	11	5	0.4
20100053	95	110	9	10	5	0.4
20100054	95	115	12	13	4.5	0.4
20100059	95	120	7	8	4.5	0.4
20100055	100	110	10	11	4.5	0.4
20100056	100	115	9	10	5	0.4
20100064	115	135	16	17	5	0.4
20100060	130	150	12	13	4.5	0.4
20100061	130	150	15	16	4.5	0.4
20100062	145	160	15	16	5	0.4