

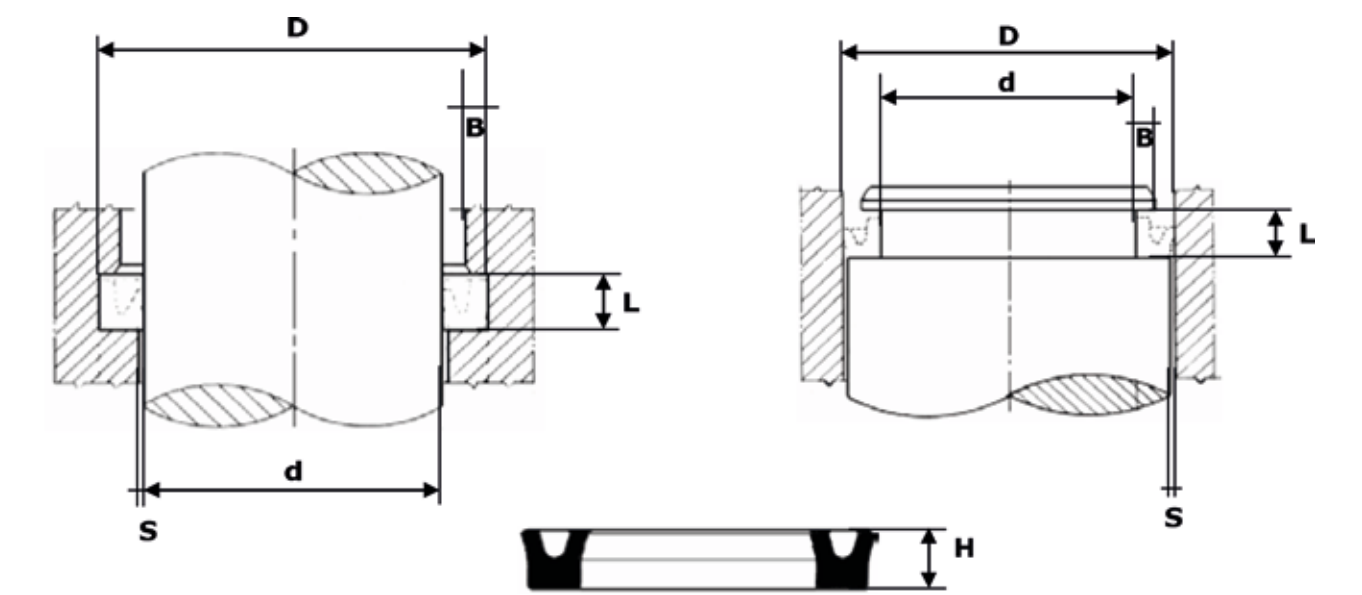
Tenute pneumatiche UM-U

Pneumatic seals UM-U





UM - U Tenuta stelo pistone semplice effetto
UM - U Single-acting rod and piston seal



Tenuta elastomerica a semplice effetto per stelo e pistone.
Single-acting elastomeric seal for rods and pistons.

CARATTERISTICHE PRINCIPALI | MAIN FEATURES

Guarnizione a labbro in elastomero a semplice effetto per steli e pistoni di cilindri idraulici e pneumatici.
Ottima resistenza agli oli minerali e idraulici, buona resistenza meccanica all'usura. Standard viene fornita in NBR 90°Sh, su richiesta può essere realizzata in Viton.
Single-acting elastomeric lip seal for hydraulic and pneumatic rods and pistons.
Excellent resistance to mineral or hydraulic oils. Good resistance to mechanical wear and tear. Standard model NBR 90°Sh, also available in Viton.

DATI TECNICI TECHNICAL DATA					
Tipo Applicazione Application Type	Pres max Max pres bar	Alternativo max Max Alternate m/sec	Durezza Hardness °Sh	Temperatura °C Temperature °C	
				NBR	FPM
DE	80	≤ 0.2	75	-20 +100	-20 +200
DI	100	≤ 0.2	90	-20 +100	-20 +200
U-UM	100	≤ 0.2	90	-20 +100	-20 +200
C	40	≤ 0.2	90	-20 +100	-20 +200
H	40	≤ 0.2	90	-20 +100	-20 +200

RUGOSITÀ SUPERFICIALE | SURFACE ROUGHNESS

Parametro Parameter	Superficie di scorrimento Guiding surface	Superficie della sede Groove surface
Rmax	≤ 2.0	≤ 10
Ra	≤ 0.4	≤ 10

DIMENSIONE DEL INTERSTIZIO PRESSIONE GAP DIMENSIONS VS. PRESSURE				
S	Pressione bar Pressure bar			
(D-d)/2	25	50	75	100
≤ 6.5	0.45	0.30	0.25	0.20
≥ 6.5	0.50	0.35	0.30	0.25

Codice Code	Descrizione Description	d	d	L	H	B
030UM0125	UM 125	5.00	12.00	6.50	5.00	1.00
030UM0176	UM 176	6.00	17.00	7.50	6.00	1.00
030UM0186	UM 186	6.00	18.00	9.50	8.00	1.00
030UM0206	UM 206	6.00	20.00	9.50	8.00	1.00
030UM0158	UM 158	8.00	15.00	7.50	6.00	1.00
030UM0168	UM 168	8.00	16.00	7.50	6.00	1.00
030UM0258	UM 258	8.00	25.00	7.50	6.00	1.00
030UM020108	UM 20108	10.00	20.00	9.50	8.00	1.00
030UM02210	UM 2210	10.00	22.00	7.50	6.00	1.00
030UM0251010	UM 251010	10.00	25.00	11.50	10.00	1.00
030UM02610	UM 2610	10.00	26.00	9.50	8.00	1.00
030UM03010	UM 3010	10.00	30.00	11.50	10.00	1.00
030UM02412	UM 2412	12.00	24.00	7.50	6.00	1.00
030UM02812	UM 2812	12.00	28.00	11.50	10.00	1.00
030UM03512	UM 3512	12.00	35.00	13.50	12.00	1.00
030UM03013	UM 3013	13.00	30.00	11.50	10.00	1.00
030UM0281410	UM 281410	14.00	28.00	11.50	10.00	1.00
030UM03214	UM 3214	14.00	32.00	11.50	10.00	1.00
030UM03015	UM 3015	15.00	30.00	9.50	8.00	1.00
030UM0301510	UM 301510	15.00	30.00	11.50	10.00	1.00
030UM03515	UM 3515	15.00	35.00	11.50	10.00	1.00
030UM03216	UM 3216	16.00	32.00	9.50	8.00	1.00
030UM03616	UM 3616	16.00	36.00	11.50	10.00	1.00
030UM03817	UM 3817	17.00	38.00	11.50	10.00	1.00
030UM0301810	UM 301810	18.00	30.00	11.50	10.00	1.00
030UM03418	UM 3418	18.00	34.00	9.50	8.00	1.00
030UM03818	UM 3818	18.00	38.00	11.50	10.00	1.00
030UM04018	UM 4018	18.00	40.00	11.50	10.00	1.00
030UM0352010	UM 352010	20.00	35.00	11.50	10.00	1.00
030UM03620	UM 3620	20.00	36.00	9.50	8.00	1.00
030UM4020	UM 4020	20.00	40.00	11.50	10.00	1.00
030UM04320	UM 4320	20.00	43.00	13.50	12.00	1.00
030UM0342210	UM 342210	22.00	34.00	11.50	10.00	1.00
030UM0382210	UM 382210	22.00	38.00	11.50	10.00	1.00
030UM04222	UM 4222	22.00	42.00	11.50	10.00	1.00
030UM0402510	UM 402510	25.00	40.00	11.50	10.00	1.00
030UM04225	UM 4225	25.00	42.00	9.50	8.00	1.00
030UM04525	UM 4525	25.00	45.00	11.50	10.00	1.00
030UM05025	UM 5025	25.00	50.00	13.50	12.00	2.00
030UM04626	UM 4626	26.00	46.00	11.50	10.00	2.00
030UM04828	UM 4828	28.00	48.00	11.50	10.00	2.00
030UM04530	UM 4530	30.00	45.00	11.50	10.00	2.00
030UM05030	UM 5030	30.00	50.00	11.50	10.00	2.00
030UM06030	UM 6030	30.00	60.00	16.50	15.00	2.00
030UM0453210	UM 453210	32.00	45.00	11.50	10.00	2.00
030UM05232	UM 5232	32.00	52.00	11.50	10.00	2.00
030UM0503510	UM 503510	35.00	50.00	11.50	10.00	2.00
030UM05535	UM 5535	35.00	55.00	11.50	10.00	2.00
030UM06035	UM 6035	35.00	60.00	13.50	12.00	2.00
030UM05838	UM 5838	38.00	58.00	11.50	10.00	2.00
030UM0564010	UM 564010	40.00	56.00	11.50	10.00	2.00
030UM056040	UM 6040	40.00	60.00	11.50	10.00	2.00
030UM06540	UM 6540	40.00	65.00	13.50	12.00	2.00
030UM06545	UM 6545	45.00	65.00	11.50	10.00	2.00
030UM07046	UM 7046	46.00	70.00	13.50	12.00	2.00
030UM06848	UM 6848	48.00	68.00	11.50	10.00	2.00
030UM07050	UM 7050	50.00	70.00	11.50	10.00	2.00
030UM07555	UM 7555	55.00	75.00	11.50	10.00	2.00
030UM08055	UM 8055	55.00	80.00	13.50	12.00	2.00
030UM08555	UM 8555	55.00	85.00	16.50	15.00	2.00

Codice Code	Descrizione Description	d	d	L	H	B
030UM08060	UM 8060	60.00	80.00	11.50	10.00	2.00
030UM09060	UM 9060	60.00	90.00	16.50	15.00	2.00
030UM08565	UM 8565	65.00	85.00	11.50	10.00	2.00
030UM09065	UM 9065	65.00	90.00	13.50	12.00	2.00
030UM09565	UM 9565	65.00	95.00	13.50	12.00	2.00
030UM09070	UM 9070	70.00	90.00	11.50	10.00	2.00
030UM09575	UM 9575	75.00	95.00	11.50	10.00	2.00
030UM10075	UM 10075	75.00	100.00	16.50	15.00	2.00
030UM10575	UM 10575	75.00	105.00	16.50	15.00	2.00
030UM10080	UM 10080	80.00	100.00	11.50	10.00	2.00
030UM10580	UM 10580	80.00	105.00	13.50	12.00	2.00
030UM11080	UM 11080	80.00	110.00	16.50	15.00	2.00
030UM10585	UM 10585	85.00	105.00	11.50	10.00	2.00
030UM11085	UM 11085	85.00	110.00	13.50	12.00	2.00
030UM11585	UM 11585	85.00	115.00	16.50	15.00	2.00
030UM11090	UM 11090	90.00	110.00	11.50	10.00	2.00
030UM12090	UM 12090	90.00	120.00	16.50	15.00	2.00
030UM11595	UM 11595	95.00	115.00	11.50	10.00	2.00
030UM12595	UM 12595	95.00	125.00	16.50	15.00	2.00
030UM120100	UM 120100	100.00	120.00	11.50	10.00	2.00
030UM 125100	UM 125100	100.00	125.00	13.50	12.00	2.00
030UM 130100	UM 130100	100.00	130.00	16.50	15.00	2.00
030UM135110	UM 135110	110.00	135.00	13.50	12.00	2.50
030UM140110	UM 140110	110.00	140.00	16.50	15.00	2.50
030UM14511512	UM 14511512	115.00	145.00	13.50	12.00	2.50
030UM140120	UM 140120	120.00	140.00	11.50	10.00	2.50
030UM150120	UM 150120	120.00	150.00	16.50	15.00	2.50
030UM15012518	UM 15012518	125.00	150.00	19.50	18.00	2.50
030UM155125	UM 155125	125.00	155.00	16.50	15.00	2.50
030UM160130	UM 160130	130.00	160.00	16.50	15.00	2.50
030UM16013518	UM 16013518	135.00	160.00	19.50	18.00	2.50
030UM16514018	UM 16514018	140.00	165.00	19.50	18.00	2.50
030UM170140	UM 170140	140.00	170.00	16.50	15.00	2.50
030UM175145	UM 175145	145.00	175.00	16.50	15.00	2.50
030UM180150	UM 180150	150.00	180.00	16.50	15.00	2.50
030UM190160	UM 190160	160.00	190.00	16.50	15.00	2.50
030UM200160	UM 200160	160.00	200.00	21.50	20.00	2.50
030UM200170	UM 200170	170.00	200.00	16.50	15.00	2.50
030UM210170	UM 210170	170.00	210.00	21.50	20.00	2.50
030UM21018022	UM 21018022	180.00	210.00	23.50	22.00	2.50
030UM220180	UM 220180	180.00	220.00	21.50	20.00	2.50
030UM220190	UM 220190	190.00	220.00	16.50	15.00	2.50
030UM225195	UM 225195	195.00	225.00	16.50	15.00	2.50
030UM230200	UM 230200	200.00	230.00	16.50	15.00	2.50
030UM240200	UM 240200	200.00	240.00	21.50	20.00	2.50
030UM250210	UM 250210	210.00	250.00	21.50	20.00	2.50
030UM260220	UM 260220	220.00	260.00	21.50	20.00	2.50
030UM270230	UM 270230	230.00	270.00	21.50	20.00	2.50
030UM280240	UM 280240	240.00	280.00	21.50	20.00	2.50
030UM290250	UM 290250	250.00	290.00	21.50	20.00	2.50
030UM300260	UM 300260	260.00	300.00	21.50	20.00	2.50
030UM320280	UM 320280	280.00	320.00	21.50	20.00	2.50
030UM340300	UM 340300	300.00	340.00	21.50	20.00	2.50
030UM350310	UM 350310	310.00	350.00	21.50	20.00	2.50
030UM35032022	UM 35032022	320.00	350.00	23.50	22.00	2.50
030UM360320	UM 360320	320.00	360.00	21.50	20.00	2.50
030UM380340	UM 380340	340.00	380.00	21.50	20.00	2.50
030UM400350	UM 400350	350.00	400.00	26.50	25.00	2.50
030UM450400	UM 450400	400.00	450.00	26.50	25.00	2.50
030UM 500450	UM 500450	450.00	500.00	26.50	25.00	2.50

Codice Code	Descrizione Description	d	d	L	H	B
030U0031012	U 031012	3.17	7.93	4.0	2.38	0.75
030U0027018	U 037018	4.76	9.52	4.0	2.38	0.75
030U0043025	U 043025	6.35	11.11	4.5	3.17	0.75
030U0050031	U 050031	7.93	12.70	6.5	4.76	0.75
030U0056031	U 056031	7.93	14.28	4.5	3.17	1.00
030U0062037	U 062037	9.52	15.87	4.5	3.17	1.00
030U0068043	U 068043	11.11	17.46	6.5	4.76	1.00
030U0075043	U 075043	11.11	19.05	6.5	4.76	1.00
030U0081050	U 081050	12.70	20.63	7.0	5.55	1.00
030U0087050	U 087050	12.70	22.22	6.5	4.76	1.00
030U0093056	U 093056	14.28	23.81	6.5	4.76	1.00
030U0100062	U 100062	15.87	25.40	8.0	6.35	1.00
030U0112068	U 112068	17.27	28.58	7.0	5.55	1.00
030U0106068	U 106068	17.46	26.99	8.5	7.12	1.00
030U0118075	U 118075	19.05	30.16	8.0	6.35	1.00
030U0125075	U 125075	19.05	31.75	8.0	6.35	1.00
030U0131075	U 131075	19.05	33.34	9.5	7.93	1.00
030U0137075	U 137075	19.05	34.93	9.5	7.93	1.00
030U0143081	U 143081	20.63	36.51	11.0	9.52	1.00
030U0150087	U 150087	22.22	38.10	9.5	7.93	1.50
030U0156093	U 156093	23.81	39.69	9.5	7.93	1.50
030U0162093	U 162093	23.81	41.28	11.0	9.52	1.50
030U0168100	U 168100	25.40	42.86	11.0	9.52	1.50
030U0175100	U 175100	25.40	44.45	11.0	9.52	1.50
030U0181106	U 181106	26.99	46.04	11.0	9.52	1.50
030U0187112	U 187112	28.58	47.63	11.0	9.52	1.50
030U0193118	U 193118	30.16	49.21	11.0	9.52	1.50
030U0200125	U 200125	31.75	50.80	11.0	9.52	1.50
030U0206131	U 206131	33.34	52.39	11.0	9.52	1.50
030U0212137	U 212137	34.93	53.98	11.0	9.52	1.50
030U0225143	U 225143	36.51	57.15	9.5	7.93	1.50
030U0218150	U 218150	38.10	55.56	8.0	6.35	1.50
030U0231156	U 231156	39.69	58.74	11.0	9.52	2.00
030U0243156	U 243156	39.69	61.91	11.0	9.52	2.00
030U0237162	U 237162	41.28	60.33	11.0	9.52	2.00
030U0256168	U 256168	42.86	65.09	11.0	9.52	2.00
030U0262175	U 262175	44.45	66.68	13.0	11.11	2.00
030U0268181	U 268181	46.04	68.26	11.0	9.52	2.00
030U0250187	U 250187	47.63	63.50	9.5	7.93	2.00
030U0275193	U 275193	49.21	69.85	11.0	9.52	2.00
030U0287200	U 287200	50.80	73.03	11.0	9.52	2.00
030U0281206	U 281206	52.39	71.44	11.0	9.52	2.00
030U0293212	U 293212	53.98	74.61	11.0	9.52	2.00
030U0300218	U 300218	55.56	76.20	11.0	9.52	2.00
030U0300225	U 300225	57.15	76.20	11.0	9.52	2.00
030U0312237	U 312237	60.33	79.38	11.0	9.52	2.00
030U0337237	U 337237	60.33	85.73	14.5	12.70	2.00
030U0325250	U 325250	63.50	82.55	11.0	9.52	2.00
030U0325262	U 325262	66.68	82.55	9.5	7.93	2.00
030U0375275	U 375275	69.85	95.25	11.0	9.52	2.00
030U0350287	U 350287	73.03	88.90	9.5	7.93	2.00
030U0362300	U 362300	76.20	92.08	9.5	7.93	2.00
030U0387300	U 387300	76.20	98.43	11.0	9.52	2.00
030U0400306	U 400306	77.79	101.60	14.5	12.70	2.00
030U0387312	U 387312	79.38	98.43	11.0	9.52	2.00
030U0 00325	U 400325	82.55	101.60	11.0	9.52	2.00
030U0412331	U 412331	84.14	104.77	13.0	11.11	2.00
030U0412337	U 412337	85.73	104.77	11.0	9.52	2.00
030U0425350	U 425350	88.90	107.95	11.0	9.52	2.00
030U0425356	U 425356	90.49	107.95	9.5	7.93	2.00

Codice Code	Descrizione Description	d	d	L	H	B
030U0437362	U 437362	92.08	111.12	11.0	9.52	2.00
030U0450375	U 450375	95.25	114.30	11.0	9.52	2.00
030U0462387	U 462387	98.43	117.50	11.0	9.52	2.00
030U0475400	U 475400	101.60	120.65	13.0	11.11	2.00
030U0475412	U 475412	104.77	120.65	11.0	9.52	2.00
030U0487425	U 487425	107.95	123.82	9.5	7.93	2.00
030U0500437	U 500437	111.12	127.00	9.5	7.93	2.00
030U0512437	U 512437	111.12	130.17	11.0	9.52	2.00
030U0525450	U 525450	114.30	133.35	11.0	9.52	2.00
030U0537450	U 537450	114.30	136.52	11.0	9.52	2.00
030U0550462	U 550462	117.50	139.70	11.0	9.52	2.50
030U0550475	U 550475	120.65	139.70	11.0	9.52	2.50
030U0562487	U 562487	123.80	142.87	11.0	9.52	2.50
030U0562500	U 562500	127.00	142.87	9.5	7.93	2.50
030U0575500	U 575500	127.00	146.05	11.0	9.52	2.50
030U0600500	U 600500	127.00	152.40	14.5	12.70	2.50
030U0587512	U 587512	130.17	149.22	11.0	9.52	2.50
030U0625525	U 625525	133.35	158.80	14.5	12.70	2.50
030U0612537	U 612537	136.52	155.57	11.0	9.52	2.50
030U0650550	U 650550	139.70	165.10	14.5	12.70	2.50
030U0700575	U 700575	146.05	177.80	14.5	12.70	2.50
030U0675600	U 675600	152.40	171.45	11.0	9.52	2.50
030U0725600	U 725600	152.40	184.15	14.5	12.70	2.50
030U0750625	U 750625	158.75	190.50	17.5	15.87	2.50
030U0800650	U 800650	165.10	203.20	20.5	19.05	2.50
030U0825675	U 825675	171.45	209.55	20.5	19.05	2.50
030U0850675	U 850675	171.45	215.90	20.5	19.05	2.50
030U0775700	U 775700	177.80	196.90	17.5	15.87	2.50
030U0875725	U 875725	184.15	222.30	20.5	19.05	2.50
030U0900750	U 900750	190.50	228.60	20.5	19.05	2.50
030U0925775	U 925775	196.90	235.00	20.5	19.05	2.50
030U0975800	U 975800	203.20	247.70	20.5	19.05	2.50
030U0950825	U 950825	209.55	241.30	14.5	12.70	2.50
030U01000850	U 1000850	215.90	254.00	20.5	19.05	2.50
030U01050900	U 1050900	228.60	266.70	24.0	22.22	2.50
030U01100950	U 1100950	241.30	279.40	24.0	22.22	2.50
030U011501000	U 11501000	254.00	292.10	24.0	22.22	2.50
030U012001050	U 12001050	266.70	304.80	24.0	22.22	2.50
030U012501100	U 12501100	279.40	317.50	24.0	22.22	2.50
030U013001150	U 13001150	292.10	330.20	24.0	22.22	2.50
030U013501200	U 13501200	304.80	342.90	24.0	22.22	2.50
030U014001250	U 14001250	317.50	355.60	24.0	22.22	2.50
030U014501300	U 14501300	330.20	368.30	24.0	22.22	2.50
030U015001325	U 15001325	336.55	381.00	24.0	22.22	2.50
030U015251350	U 15251350	342.90	387.35	24.0	22.22	2.50
030U015501400	U 15501400	355.60	393.70	24.0	22.22	2.50
030U016001450	U 16001450	368.30	406.40	24.0	22.22	2.50
030U016501500	U 16501500	381.00	419.10	24.0	22.22	2.50
030U017001550	U 17001550	393.70	431.80	24.0	22.22	2.50
030U017501600	U 17501600	406.40	444.50	24.0	22.22	2.50
030U018001650	U 18001650	419.10	457.20	24.0	22.22	2.50
030U018501700	U 18501700	431.80	469.90	24.0	22.22	2.50
030U019001750	U 19001750	444.50	482.60	24.0	22.22	2.50
030U019501800	U 19501800	457.20	495.30	24.0	22.22	2.50
030U020001850	U 20001850	469.90	508.00	20.5	19.05	2.50

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