VEDANTES PISTON

COMPOSTOS | EGRQ

Geral
O vedante EGRQ é um vedante aplicado no piston de duplo efeito. É composto por um elemento de vedação em PTFE e um elemento em NBR que energiza o PTFE e lhe fornece estabilidade. O facto de o elemento em NBR ser de perfil quadrado permite evitar a sua torção. O elemento em PTFE permite uma boa vedação de baixo atrito e alta resistência ao desgaste.

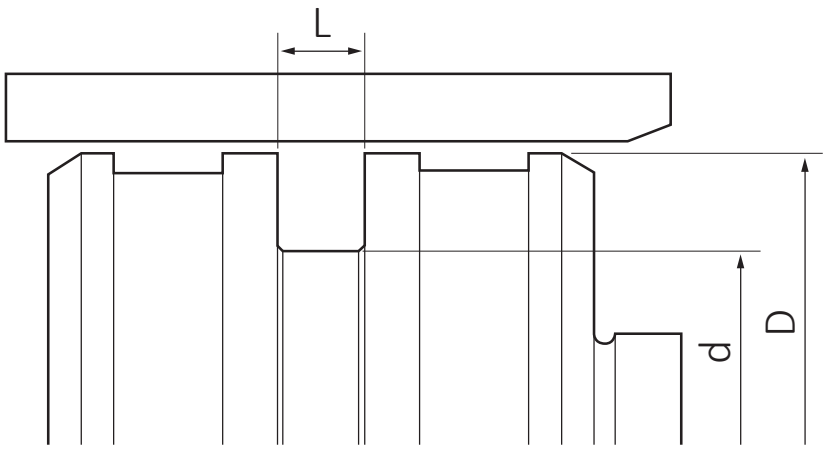
Aplicações
Indústria de aço, máquinas moldagem por injecção, prensas, cilindros de grande diâmetro.

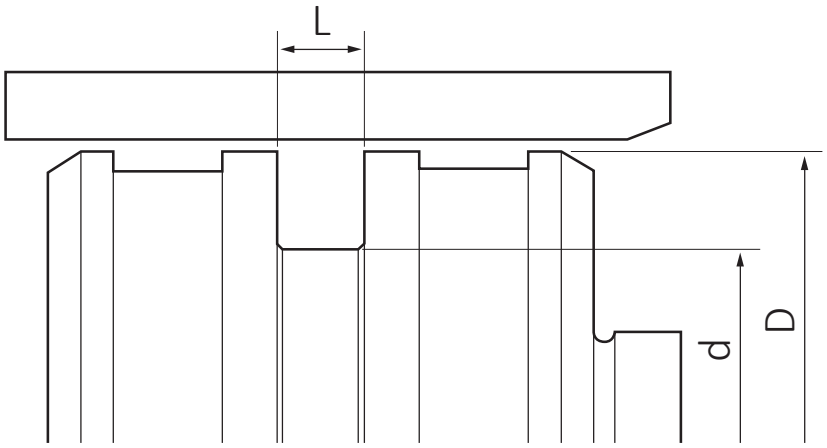
Vantagens
- Alojamento simples;
- Grande durabilidade;
- Baixa fricção;
- Alta velocidade de movimento linear;
- Excelente desempenho em cilindros de grande diâmetro e aplicações pesadas;
- Vasta gama de temperatura e produtos químicos, dependendo do material o-ring;
- Coeficiente de atrito estático e dinâmico mínimo para uma perda mínima de energia.

Instalação
Este vedante deve ser montado por um técnico especializado. Em primeiro lugar deve ser montado o anel em NBR e de seguida o elemento em PTFE . Os chanfros necessários no piston e na camisa devem ser isentos de rebarbas e arredondados. É muito importante que as ferramentas de montagem sejam de um material macio e não terem arestas vivas. Antes da instalação, o elemento de vedação e o alojamento devem ser oleados com fluido do sistema.

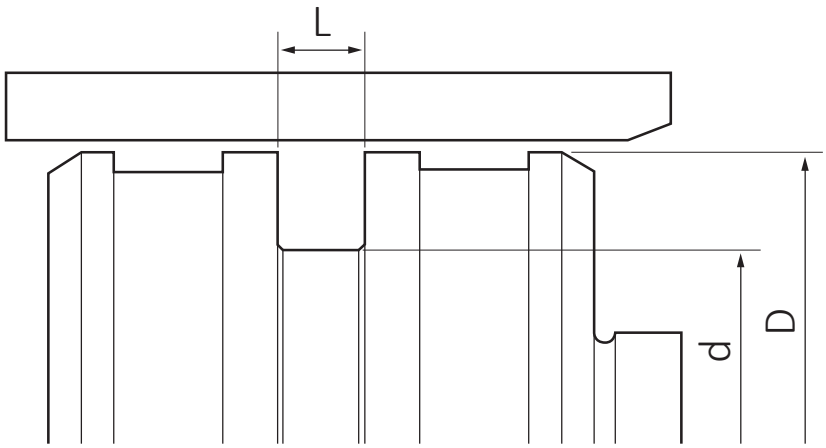
Condições de Funcionamento

Pressão Máxima	350 BAR
Temperatura Máxima	-30ºC a +105ºC
Velocidade Máxima	1,5 m/s

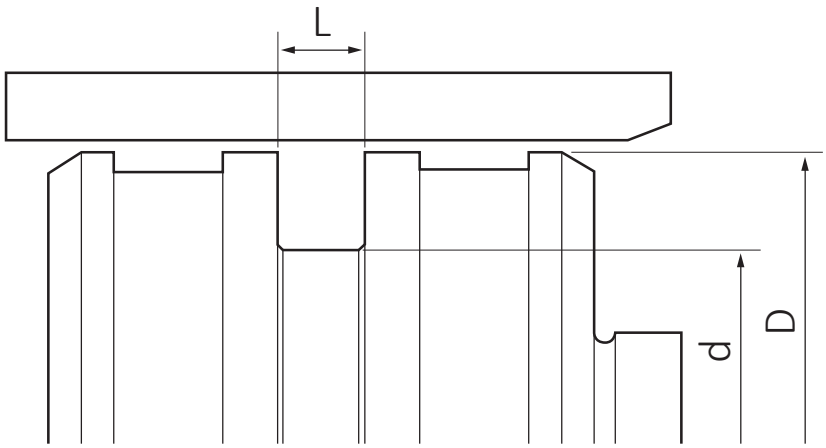




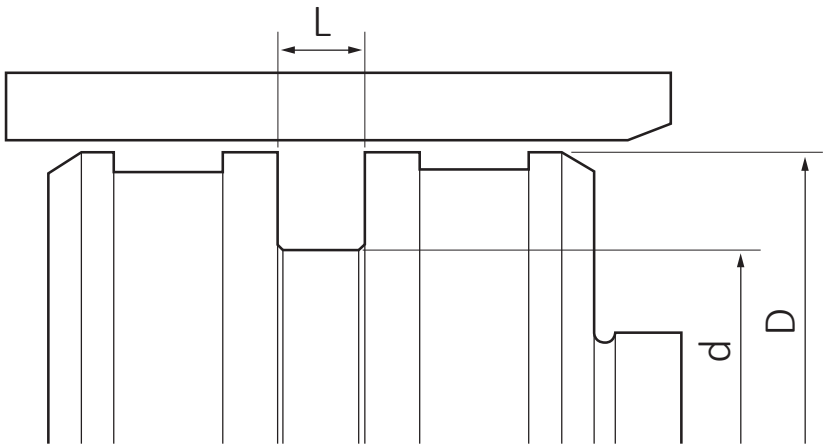
CÓDIGO	Descrição	D	d	L
V25.025.01	EGRQ 025.40 x 017.53 x 03.28 PTFE	25.4	17.53	3.28
	EGRQ 028.58 x 020.62 x 03.28 PTFE	28.58	20.62	3.28
	EGRQ 030.00 x 020.50 x 04.50 PTFE	30	20.5	4.5
	EGRQ 031.50 x 022.00 x 04.50 PTFE	31.5	22	4.5
	EGRQ 031.75 x 023.88 x 03.28 PTFE	31.75	23.88	3.28
	EGRQ 032.00 x 022.50 x 04.50 PTFE	32	22.5	4.5
	EGRQ 035.00 x 025.50 x 04.50 PTFE	35	25.5	4.5
	EGRQ 035.50 x 026.00 x 04.50 PTFE	35.5	26	4.5
	EGRQ 038.10 x 030.23 x 03.28 PTFE	38.1	30.23	3.28
	EGRQ 040.00 x 030.00 x 04.50 PTFE	40	30	4.5
	EGRQ 044.45 x 036.58 x 03.28 PTFE	44.45	36.58	3.28
	EGRQ 050.00 x 040.00 x 04.50 PTFE	50	40	4.5
	EGRQ 050.80 x 041.27 x 04.82 PTFE	50.8	41.27	4.82
V25.050.01	EGRQ 050.80 x 042.93 x 03.28 PTFE	50.8	42.93	3.28
	EGRQ 055.00 x 040.00 x 07.50 PTFE	55	40	7.5
V25.055.01	EGRQ 055.00 x 045.00 x 04.30 PTFE	55	45	4.3
	EGRQ 056.00 x 041.00 x 07.50 PTFE	56	41	7.5
	EGRQ 056.00 x 046.00 x 04.50 PTFE	56	46	4.5
V25.057.01	EGRQ 057.15 x 049.28 x 03.28 PTFE	57.15	49.28	3.28
	EGRQ 060.00 x 045.00 x 07.50 PTFE	60	45	7.5
	EGRQ 063.00 x 048.00 x 07.50 PTFE	63	48	7.5
V25.063.01	EGRQ 063.50 x 053.97 x 04.82 PTFE	63.5	53.97	4.82
V25.063.02	EGRQ 063.50 x 055.63 x 03.28 PTFE	63.5	55.63	3.28
	EGRQ 065.00 x 050.00 x 07.50 PTFE	65	50	7.5
	EGRQ 069.00 x 054.00 x 07.50 PTFE	69	54	7.5
V25.069.01	EGRQ 069.85 x 055.63 x 07.21 PTFE	69.85	55.63	7.21
V25.069.02	EGRQ 069.85 x 060.32 x 04.82 PTFE	69.58	60.32	4.82
	EGRQ 069.85 x 061.98 x 03.28 PTFE	69.85	61.98	3.28
V25.070.01	EGRQ 070.00 x 055.00 x 07.50 PTFE	70	55	7.5



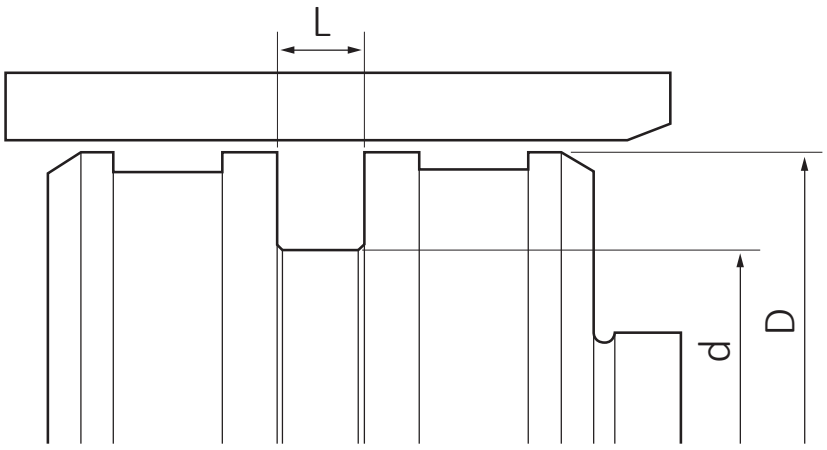
CÓDIGO	Descrição	D	d	L
	EGRQ 071.00 x 056.00 x 07.50 PTFE	71	56	7.5
V25.075.01	EGRQ 075.00 x 060.00 x 07.50 PTFE	75	60	7.5
V25.076.01	EGRQ 076.20 x 061.98 x 07.21 PTFE (CASE)	76.2	61.98	7.21
V25.076.02	EGRQ 076.20 x 062.68 x 04.82 PTFE	76.2	62.68	4.82
V25.082.01	EGRQ 082.55 x 068.32 x 07.21 PTFE (CASE)	82.55	68.32	7.21
V25.082.02	EGRQ 082.55 x 069.03 x 04.82 PTFE	82.55	69.03	4.82
V25.085.01	EGRQ 085.00 x 070.00 x 07.50 PTFE	85	70	7.5
V25.088.01	EGRQ 088.90 x 074.68 x 07.21 PTFE (CASE)	88.9	74.68	7.21
V25.088.02	EGRQ 088.90 x 075.38 x 04.82 PTFE (CASE)	88.9	75.38	4.82
	EGRQ 095.00 x 080.00 x 07.50 PTFE	95	80	7.5
V25.095.02	EGRQ 095.25 x 081.03 x 07.21 PTFE	95.25	81.03	7.21
V25.095.01	EGRQ 095.25 x 081.73 x 04.82 PTFE	95.25	81.73	4.82
	EGRQ 100.00 x 080.00 x 10.00 PTFE	100	80	10
V25.101.02	EGRQ 101.60 x 084.78 x 06.35 PTFE	101.6	84.78	6.35
V25.101.01	EGRQ 101.60 x 087.38 x 07.21 PTFE (CASE)	101.6	87.38	7.21
V25.107.01	EGRQ 107.95 x 091.13 x 06.35 PTFE	107.95	91.13	6.35
V25.107.02	EGRQ 107.95 x 093.73 x 07.21 PTFE	107.95	93.73	7.21
	EGRQ 108.00 x 092.00 x 07.50 PTFE	108	92	7.5
	EGRQ 110.00 x 090.00 x 10.00 PTFE	110	90	10
V25.110.01	EGRQ 110.00 x 094.00 x 07.30 PTFE	110	94	7.3
	EGRQ 112.00 x 096.00 x 07.50 PTFE	112	96	7.5
V25.114.02	EGRQ 114.30 x 097.48 x 06.35 PTFE (CASE)	114.3	97.48	6.35
V25.114.01	EGRQ 114.30 x 100.08 x 07.21 PTFE (CASE)	114.3	100.08	7.21
V25.120.01	EGRQ 120.00 x 104.00 x 07.30 PTFE	120	104	7.3
V25.120.02	EGRQ 120.65 x 103.83 x 06.35 PTFE	120.65	103.83	6.35
	EGRQ 120.65 x 106.43 x 07.21 PTFE	120.65	106.43	7.21
V25.127.02	EGRQ 127.00 x 107.64 x 09.52 PTFE	127	107.64	9.52



CÓDIGO	Descrição	D	d	L
V25.127.01	EGRQ 127.00 x 112.78 x 07.21 PTFE (CASE)	127	112.78	7.21
V25.133.01	EGRQ 133.35 x 114.00 x 09.63 PTFE	133.35	113.99	9.52
V25.133.01	EGRQ 133.35 x 114.00 x 09.63 PTFE	133.35	114	9.63
	EGRQ 139.70 x 120.34 x 09.52 PTFE	139.7	120.34	9.52
V25.139.01	EGRQ 139.70 x 120.35 x 09.63 PTFE	139.7	120.35	9.63
	EGRQ 142.88 x 123.52 x 09.63 PTFE	142.88	123.52	9.63
	EGRQ 145.00 x 129.00 x 07.50 PTFE	145	129	7.5
	EGRQ 146.05 x 126.70 x 09.63 PTFE	146.05	126.7	9.63
	EGRQ 150.00 x 125.00 x 12.50 PTFE	150	125	12.5
	EGRQ 150.00 x 134.00 x 07.50 PTFE	150	134	7.5
	EGRQ 152.40 x 133.05 x 09.63 PTFE	152.4	133.05	9.63
	EGRQ 158.75 x 135.94 x 09.52 PTFE	158.75	135.94	9.52
	EGRQ 158.75 x 139.40 x 09.63 PTFE	158.75	139.4	9.63
	EGRQ 160.00 x 135.00 x 12.50 PTFE	160	139.4	12.5
	EGRQ 160.00 x 144.00 x 07.50 PTFE	160	144	7.5
V25.165.01	EGRQ 165.10 x 142.29 x 09.52 PTFE	165.1	142.29	9.52
	EGRQ 165.10 x 145.75 x 09.63 PTFE	165.1	145.75	9.63
	EGRQ 170.00 x 145.00 x 12.50 PTFE	170	145	12.5
	EGRQ 177.80 x 154.99 x 09.52 PTFE	177.8	154.99	9.52
	EGRQ 177.80 x 158.45 x 09.63 PTFE	177.8	158.45	9.63
	EGRQ 180.00 x 155.00 x 12.50 PTFE	180	155	12.5
	EGRQ 184.15 x 161.34 x 09.52 PTFE	184.15	161.34	9.52
	EGRQ 184.15 x 164.80 x 09.63 PTFE	184.15	164.8	9.63
	EGRQ 190.00 x 165.00 x 12.50 PTFE	190	165	12.5
	EGRQ 190.00 x 168.00 x 11.00 PTFE	190	168	11
	EGRQ 190.50 x 171.15 x 09.63 PTFE	190.5	171.15	9.63
	EGRQ 203.20 x 183.85 x 09.63 PTFE	203.2	183.85	9.63
	EGRQ 204.00 x 182.00 x 11.00 PTFE	204	182	11



CÓDIGO	Descrição	D	d	L
	EGRQ 209.55 x 183.64 x 09.52 PTFE	209.55	183.64	9.52
	EGRQ 209.55 x 190.20 x 09.63 PTFE	209.55	190.2	9.63
	EGRQ 210.00 x 185.00 x 12.50 PTFE	210	185	12.5
	EGRQ 210.00 x 188.00 x 11.00 PTFE	210	188	11
	EGRQ 215.90 x 196.55 x 09.63 PTFE	215.9	196.55	9.63
	EGRQ 220.00 x 195.00 x 12.50 PTFE	220	195	12.5
	EGRQ 220.00 x 198.00 x 11.00 PTFE	220	198	11
	EGRQ 224.00 x 202.00 x 11.00 PTFE	224	202	11
	EGRQ 225.00 x 200.00 x 12.50 PTFE	225	200	12.5
	EGRQ 225.00 x 203.00 x 11.00 PTFE	225	2063	11
	EGRQ 228.60 x 206.30 x 09.63 PTFE	228.6	206.3	9.63
	EGRQ 230.00 x 205.00 x 12.50 PTFE	230	205	12.5
	EGRQ 230.00 x 208.00 x 11.00 PTFE	230	208	11
	EGRQ 234.95 x 209.04 x 09.52 PTFE	234.95	209.04	9.52
	EGRQ 240.00 x 215.00 x 12.50 PTFE	240	215	12.5
	EGRQ 240.00 x 218.00 x 11.00 PTFE	240	218	11
	EGRQ 241.30 x 219.00 x 09.63 PTFE	241.3	219	9.63
	EGRQ 245.00 x 215.00 x 15.00 PTFE	245	215	15
	EGRQ 250.00 x 220.00 x 15.00 PTFE	250	220	15
	EGRQ 254.00 x 231.70 x 09.63 PTFE	254	231.7	9.63
	EGRQ 260.00 x 230.00 x 15.00 PTFE	260	230	15
	EGRQ 260.00 x 236.00 x 12.00 PTFE	260	236	12
	EGRQ 266.70 x 239.26 x 11.10 PTFE	266.7	239.26	11.1
	EGRQ 266.70 x 244.40 x 09.63 PTFE	266.7	244.4	9.63
	EGRQ 270.00 x 240.00 x 15.00 PTFE	270	240	15
	EGRQ 270.00 x 246.00 x 12.00 PTFE	270	246	12
	EGRQ 279.40 x 257.10 x 09.63 PTFE	279.4	257.1	9.63
	EGRQ 280.00 x 250.00 x 15.00 PTFE	280	250	15



CÓDIGO	Descrição	D	d	L
	EGRQ 280.00 x 256.00 x 12.00 PTFE	280	256	12
	EGRQ 290.00 x 260.00 x 15.00 PTFE	290	260	15
	EGRQ 290.00 x 266.00 x 12.00 PTFE	290	266	12
	EGRQ 300.00 x 270.00 x 15.00 PTFE	300	270	15
	EGRQ 300.00 x 276.00 x 12.00 PTFE	300	276	12
	EGRQ 304.80 x 282.50 x 09.63 PTFE	304.8	282.5	9.63
	EGRQ 310.00 x 286.00 x 12.00 PTFE	310	286	12
	EGRQ 320.00 x 290.00 x 15.00 PTFE	320	290	15
	EGRQ 320.00 x 296.00 x 12.00 PTFE	320	296	12
	EGRQ 325.00 x 295.00 x 15.00 PTFE	325	295	15
	EGRQ 327.50 x 297.50 x 15.00 PTFE	327.5	297.5	15
	EGRQ 330.00 x 300.00 x 15.00 PTFE	330	300	15
	EGRQ 330.20 x 307.90 x 09.63 PTFE	330.2	307.9	9.63
	EGRQ 355.60 x 333.30 x 09.63 PTFE	355.6	333.3	9.63
	EGRQ 340.00 x 310.00 x 15.00 PTFE	340	310	15
	EGRQ 350.00 x 320.00 x 14.00 PTFE	350	320	14
	EGRQ 350.00 x 320.00 x 15.00 PTFE	350	320	15
	EGRQ 355.00 x 325.00 x 15.00 PTFE	355	325	15
	EGRQ 360.00 x 330.00 x 15.00 PTFE	360	330	15
	EGRQ 370.00 x 340.00 x 15.00 PTFE	370	340	15
	EGRQ 380.00 x 350.00 x 15.00 PTFE	380	350	15
	EGRQ 390.00 x 360.00 x 15.00 PTFE	390	360	15
	EGRQ 400.00 x 370.00 x 15.00 PTFE	400	370	15
	EGRQ 430.00 x 400.00 x 15.00 PTFE	430	400	15
	EGRQ 460.00 x 430.00 x 14.00 PTFE	460	430	14
	EGRQ 490.00 x 460.00 x 15.00 PTFE	490	460	15
	EGRQ 500.00 x 470.00 x 15.00 PTFE	500	470	15
	EGRQ 540.00 x 505.00 x 17.50 PTFE	540	505	17.5
	EGRQ 520.00 x 485.00 x 17.50 PTFE	520	485	17.5