

Energized Seals

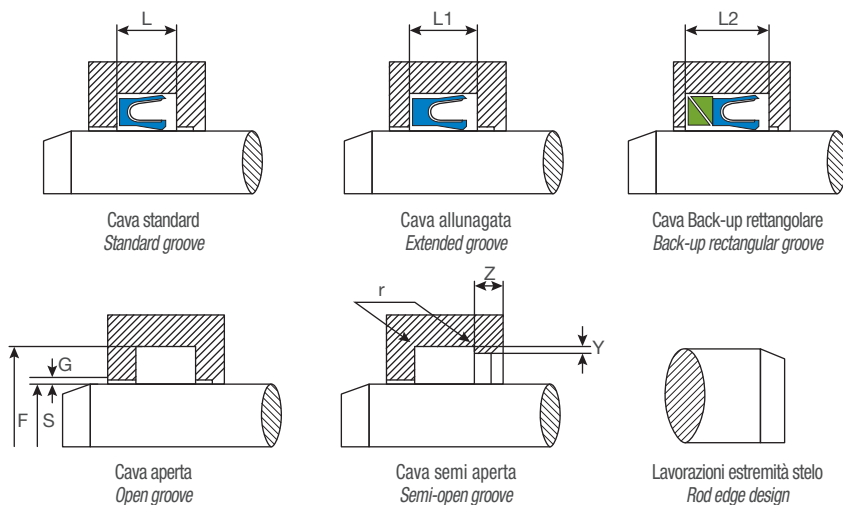
FRIDLE
GROUP
SEALING EXPERTS



Guarnizioni Energizzate PTFE | Energized seals PTFE

061E Guarnizioni Springlip per stelo | Springlip seals for rod

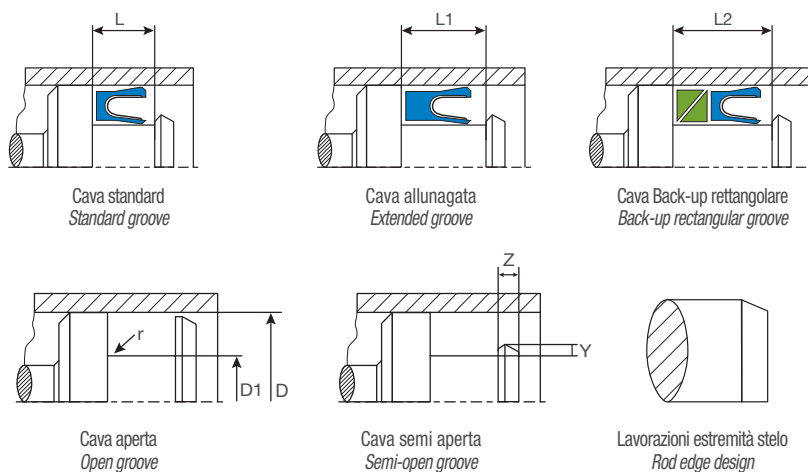
Alloggiamenti
Grooves



Serie Model		Ø Diametro stelo S H9 Rod diameter S H9		F	L	L1	L2	r	Z	Y	Gioco radiale G Radial gap G			
		Normale Standard	Esteso Extended	H9	+0.20	+0.20	+0.20	Max.	Min.		≤ 20bar	≤ 100bar	≤ 200bar	≤ 400bar
145	1/16	3 - 9.9	3 - 40.0	S+ 2.9	2.4	3.8	5.3	0.4	2.5	0.4	0.20	0.10	0.08	0.05
225	3/32	10 - 19.9	6 - 200.0	S+ 4.5	3.6	4.7	6.2	0.4	3.5	0.6	0.25	0.15	0.10	0.07
310	1/8	20 - 39.9	10 - 400.0	S+ 6.2	4.8	5.7	7.7	0.6	3.5	0.7	0.35	0.20	0.15	0.08
470	3/16	40 - 119.9	20 - 700.0	S+ 9.4	7.1	8.5	10.8	↔ 0.8	4.5	0.8	0.50	0.25	0.20	0.10
610	1/4	120 - 630.0	35 - 1600.0	S+ 12.2	9.5	11.2	14.7	0.8	7.5	0.9	0.60	0.30	0.25	0.12
950	3/8	1000 - 2500.0	80 - 2500.0	S+ 19.0	15.0	20.0	24.8	0.8	7.5	1.5	0.90	0.50	0.40	0.20

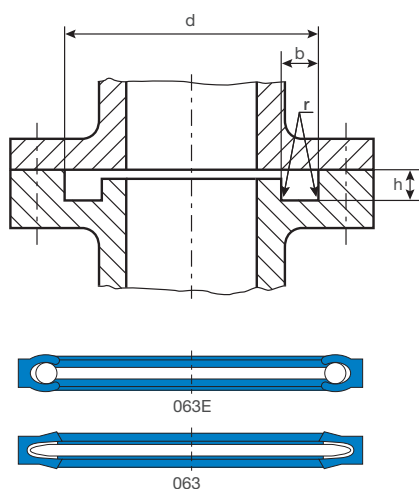
062E Guarnizioni Springlip per pistone | Springlip Seals for piston

Alloggiamenti
Grooves



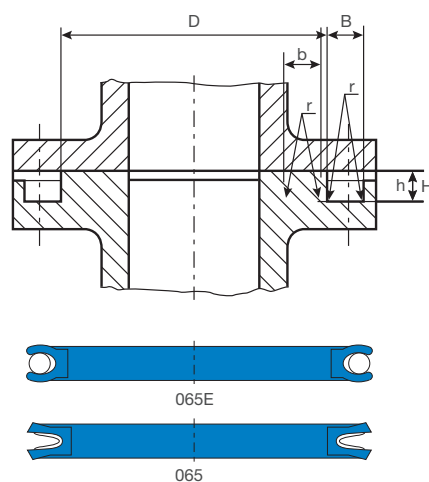
Serie Model		Ø Diametro pistone D h9 Bore diameter D h9		D1	L	L1	L2	r	Z	Y	Gioco radiale G Radial gap G			
		Normale Standard	Esteso Extended	H9	+0.20	+0.20	+0.20	Max.	Min.		≤ 20bar	≤ 100bar	≤ 200bar	≤ 400bar
145	1/16	6 - 9.9	6 - 40.0	D- 2.9	2.4	3.8	5.3	0.4	2.5	0.4	0.20	0.10	0.08	0.05
225	3/32	14 - 19.9	10 - 200.0	D- 4.5	3.6	4.7	6.2	0.4	3.5	0.6	0.25	0.15	0.10	0.07
310	1/8	25 - 39.9	16 - 400.0	D- 6.2	4.8	5.7	7.7	0.6	3.5	0.7	0.35	0.20	0.15	0.08
470	3/16	46 - 119.9	28 - 700.0	D- 9.4	7.1	8.5	10.8	0.8	4.5	0.8	0.50	0.25	0.20	0.10
610	1/4	125 - 630.0	45 - 1600.0	D- 12.2	9.5	11.2	14.7	0.8	7.5	0.9	0.60	0.30	0.25	0.12
950	3/8	1000 - 2500.0	100 - 2500.0	D- 19.0	15.0	20.0	24.8	0.8	7.5	1.5	0.90	0.50	0.40	0.20

063E



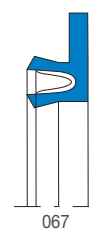
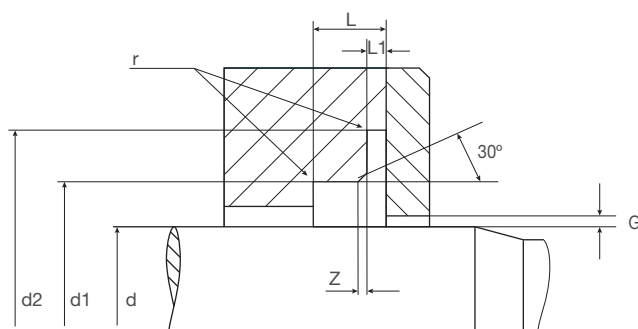
TENUTA FLANGIA INTERNA ENERGIZZATA ENERGIZED INTERNAL FLANGE SEAL						
Serie Model	Ø est. flangia d H11 Outside diameter d H11		b	h		r
	Normale Standard	Esteso Extended		Min.	Toll.	Max.
145	10 - 13.9	10 - 40.0	2.40	1.45	+ 0.03	0.4
225	14 - 24.9	13 - 200.0	3.60	2.25	+ 0.05	0.4
310	25 - 45.9	18 - 400.0	4.80	3.10	+ 0.08	0.6
470	46 - 124.9	28 - 700.0	7.10	4.70	+ 0.10	0.8
610	125 - 999.9	45 - 1000.0	9.50	6.10	+ 0.15	0.8
950	1000 - 2500	110 - 2500	15.00	9.50	+ 0.20	0.8

065E



TENUTA FLANGIA ESTERNA ENERGIZZATA ENERGIZED EXTERNAL FLANGE SEAL						
Serie Model	Ø int. flangia d h11 Inside diameter d h11		B	H		r
	Normale Standard	Esteso Extended		Min.	Toll.	Max.
145	3 - 9.9	3 - 40.0	2.40	1.45	+ 0.03	0.4
225	10 - 19.9	8 - 200.0	3.60	2.25	+ 0.05	0.4
310	20 - 39.9	12 - 400.0	4.80	3.10	+ 0.08	0.6
470	40 - 119.9	20 - 700.0	7.10	4.70	+ 0.10	0.8
610	120 - 999.9	35 - 1000.0	9.50	6.10	+ 0.15	0.8
950	1000 - 2500	80 - 2500	15.00	9.50	+ 0.20	0.8

067E



TENUTA STELO SEMPLICE ROTANTE SINGLE ACTING ROTARY APPLICATIONS											
Serie Model	Ø Diametro stelo d f8/h9 Rod diameter d f8/h9		d1	d2	L	L1	Z	r	Gioco radiale G Radial gap G		
	Normale Standard	Esteso Extended							< 20bar	< 100bar	< 200bar
360	5 - 19.9	5 - 200.0	d+ 5.0	d+ 9.0	3.60	0.85 +0 -0.10	0.8	0.30	0.25	0.15	0.10
480	20 - 39.9	10 - 400.0	d+ 7.0	d+ 12.5	4.80	1.35 +0 -0.15	1.1	0.40	0.35	0.20	0.15
710	40 - 400.9	20 - 700.0	d+ 10.5	d+ 17.5	7.10	1.80 +0 -0.20	1.4	0.50	0.50	0.25	0.20
950	401 - 999.9	35 - 999.9	d+ 14.0	d+ 22.0	9.50	2.80 +0 -0.20	1.6	0.50	0.60	0.30	0.25