



BUFFER

Guarnizioni per STELO
ROD seals

TECNOLAN

Versione standard	Standard version
Poliuretano+POM	Polyurethane+POM
Versioni Alternative	Alternative Versions
Poliuretano Basse Temp.+POM	Low Temp. Polyurethane+POM
Pressione fino a / Pressure up to	
40 MPa	
Velocità fino a / Speed up to	
0.8 m/s	
Temperatura / Temperature	
-35°C +100°C	-45°C +110°C PN 522
Applicazioni	Applications
Sponde Idrauliche Idrauliche Mobile Macchine movimento terra Cilindri per applicazioni Medie e Pesanti	Tail Lifts Mobile Hydraulics Earthmoving Machinery Medium and Heavy duty applications

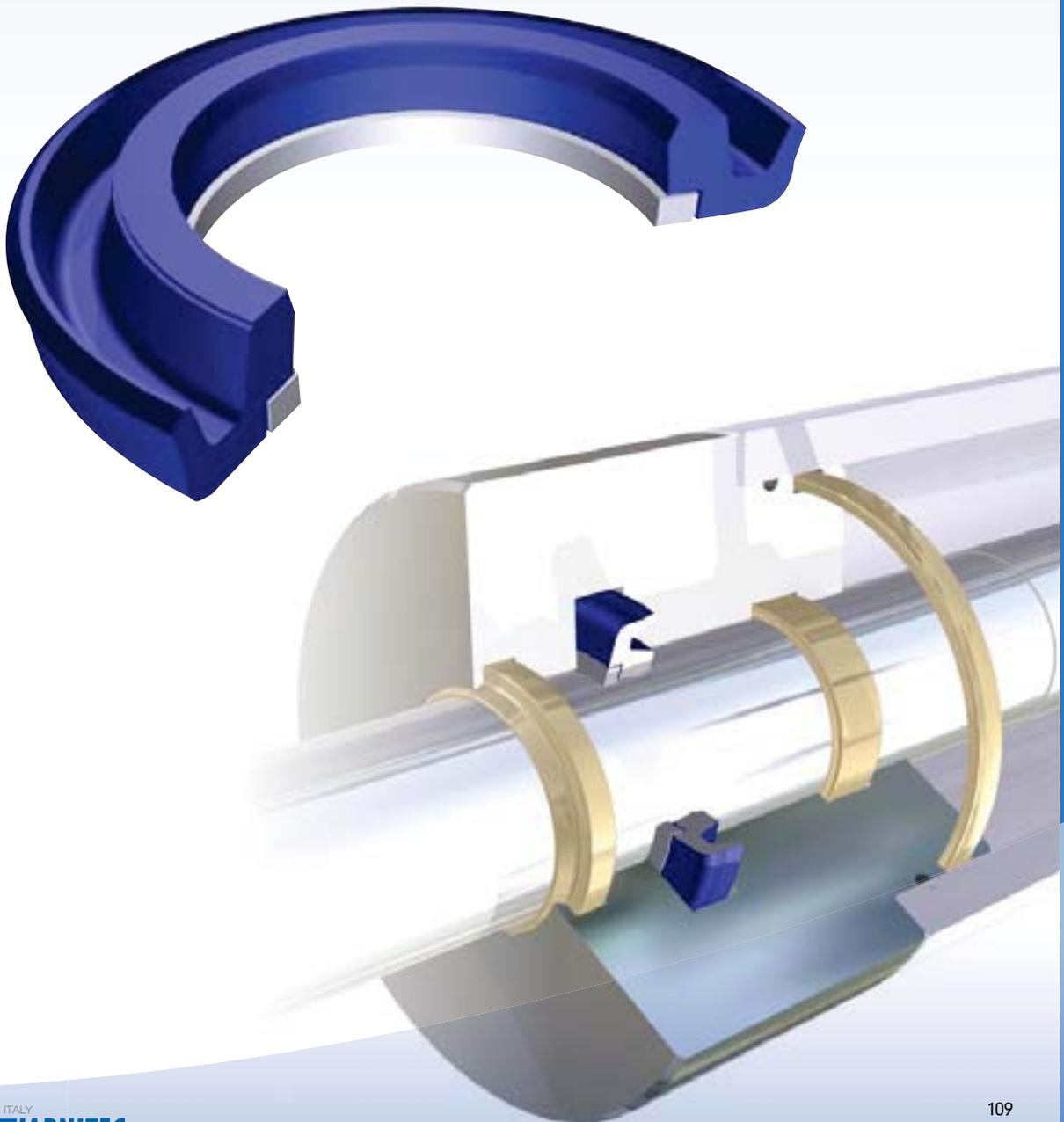
www.prhseals.com



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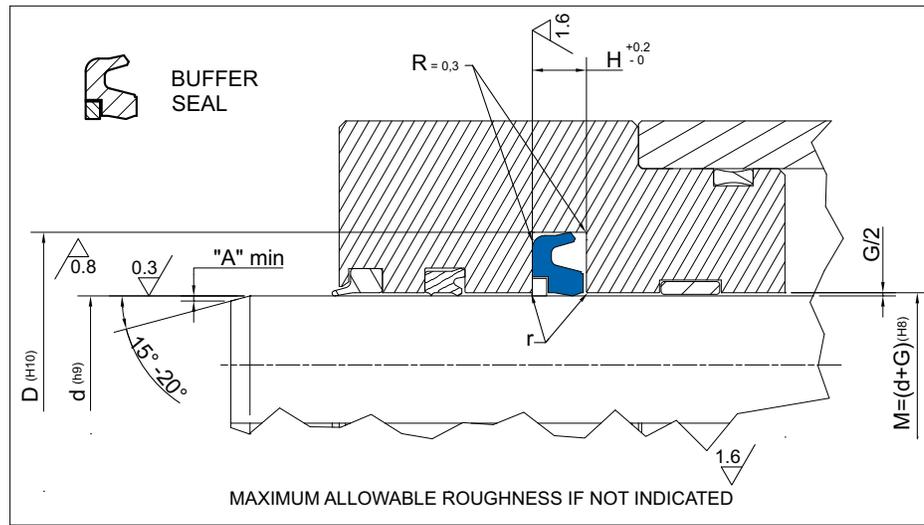
BUFFER

108÷110



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Rod Seal design guidelines

	0mm < d ≤ 50mm	50mm < d ≤ 100mm	100mm < d ≤ 150mm	d ≥ 150mm
r	remove sharp edges			
A	1 mm	2 mm	3 mm	3 mm < A ≤ 5 mm

Operating pressure to determinate Maximum Gap Allowance: G/2

G	Profile Dimension	> 16 MPa	> 26 MPa	> 32 MPa	> 40 MPa
	≤ 5		0.50 mm	0.40 mm	0.35 mm
> 5.0 – 7.5		0.55 mm	0.45 mm	0.40 mm	0.35 mm
> 7.5 – 12.5		0.60 mm	0.50 mm	0.45 mm	0.40 mm
15		0.65 mm	0.55 mm	0.45 mm	0.40 mm



PART NR	DIMENSIONI SEDI / Housing dimensions		
	d	D	H
BUF 40	40,00	55,50	6,30
BUF 45	45,00	60,50	6,30
BUF 50	50,00	65,50	6,30
BUF 55	55,00	70,50	6,30
BUF 56	56,00	71,50	6,30
BUF 60	60,00	75,50	6,30
BUF 63	63,00	78,50	6,30
BUF 65	65,00	80,40	6,30
BUF 70	70,00	85,50	6,30
BUF 75	75,00	90,50	6,30
BUF 80	80,00	95,50	6,30
BUF 85	85,00	100,50	6,30
BUF 90	90,00	105,50	6,30
BUF 95	95,00	110,50	6,30
BUF 100	100,00	115,50	6,30
BUF 106	106,00	121,50	6,30
BUF 110	110,00	125,50	6,30
BUF 115	115,00	130,50	6,30
BUF 120	120,00	135,50	6,30
BUF 125	125,00	140,50	6,30
BUF 140	140,00	155,50	6,30
BUF 150	150,00	165,50	6,30
BUF 170	170,00	185,50	6,30
BUF 180	180,00	195,50	6,30
BUF 200	200,00	220,50	8,10