



Guide rings |FR piston guide rings

Image: FR piston guide rings

Heavy duty conditions. Installed in the same housing as for FT and Neuflon-ptfe tape
prova



SEAT

S Thickness	F groove diameter	L groove width	G piston-cylinder clearance
	j8 - h8	H11	max S x 0.4
2.5	A - 5	6.3	choice depends on the seal adopted max S x 0.4
2.5		8.1	
2.5		9.7	
2.5		15	
2.5		20	
2.5		25	
2.5		30	

Coding example

Product: FR
Bore: 100
Groove diameter: 95
Groove width: 15

FR 100 x 95 x 15



MATERIALS

CHARACTERISTIC	SPECIFICATION	UNIT	VALUE
Color			brown-yellow
SPECIFIC LOAD Q_s $T < 100^\circ\text{C}$		N.mm-2	50
Compression resistance	D695-54	N.mm-2	150
Compression modulus	D695-54	N.mm-2	6000
Hardness	D2240-74	Rockwell F	60
Friction coefficient			0.25
Max. Speed		m/sec	1
Thermal expansion coefficient	D696-70	$10^{-6} \text{ } ^\circ\text{C}^{-1}$	20
Continual operational Temperature		$^\circ\text{C}$	120
Peak temperature		$^\circ\text{C}$	150
Flammability	D635-68		self extinguishing