



Standard programme

Description

SME 12.40

SCHAUBLIN		
Shape	M:	Rod-end bearing Male
	ML:	Rod-end bearing Male, left-hand thread
	F:	Rod-end bearing Female
	FL:	Rod-end bearing Female, LH thread
	S:	Spherical (to be fitted in a mount)
Type of Slip	_:	Steel / Bronze, without Lubricator
	G:	Steel / Bronze, with Lubricator
	A:	Steel / Steel
	E:	Steel / Uniflon® (self-lubricating fabric)
Size	Nominal size	
Series	_:	Standard
	.20:	Special thread
	.40:	High tensile
	.45:	Stainless steel
	.50:	Competition
(Derivatives)	.30:	Made according to Male spherical bearing drawing

Series

	Mechanical industry	Food and vulnerable products	Sport, competition	Benefit	Special features
-	•	•	•	Excellent resistance to impacts, static loadings and vibrations	General mechanical standard
.40	•	•	••	High static and dynamic loadings	Body of rod made from high tensile steel
.45	•	•••		Use in a corrosive environment	Stainless steel
.50	•		•••	Very high static and dynamic loadings, at low speed	Magnetic fault inspection





Slip

Type	Friction	Maintenance	Benefit	Special features
G	Steel / Bronze Steel / Steel (Series 50)	Regular lubrication	Good radial and axial strength	The lubricator is available on male and female rods from size 8 Working temperature 150°C max (special lubrication)
A	Steel / Steel	Regular lubrication	Excellent impact resistance Excellent radial strength	Version not available on rod-end bearings Without lubricator Working temperature 300°C max (special lubrication)
E	Steel / Uniflon® E	Maintenance-free, self-lubricating fabric	Excellent impact resistance Excellent radial strength	The Uniflon® E self-lubricating fabric bonded into the outer bush ensures optimal life Working temperature 120°C max

Construction

	Serie s	Inner bush	Outer bush	Benefit	Special features
SM.. SMG.. SF.. SFG..	- .40 .45 .50	Chrome steel Stainless steel Chrome steel	Bronze spacers Stainless steel spacers	The design with spacers provides very good axial strength	
SS..	- .45	Chrome steel Stainless steel	Bronze spacers		
SSA..	- .45 .50	Chrome steel Stainless steel Chrome steel	Cage steel Cage stainless steel Cage steel	The steel construction guarantees very substantial radial strength	The steel/steel construction and special lubrication enables a working temperature of 300°C
SME.. SFE..	- .40 .45 .50	Chrome steel Stainless steel Chrome steel	Uniflon® E self-lubricating fabric	Uniflon® E PTFE fabric bonded into the outer bush improves slip and increases life. Requires no maintenance	The damping properties of Uniflon® E self-lubricating fabric are ideal for applications with vibration
SSE..	- .45 .50	Chrome steel Stainless steel Chrome steel	Uniflon® E self-lubricating fabric		

Options and derivatives from standard*

Options	Special thread	Cetop...
	Special lubrication	For life, high pressure, high temperature
	Specific torque	
	Specific play	
	Material traceability	
	Magnetic fault inspection	Standard on .50 grade
	Neoprene protection	
Derivatives	Special materials	
	Length threaded special	
	Specific head diameter	
	Inner bush with lugs	
	Sealed spherical bearing	

* Contact us for any special requirements