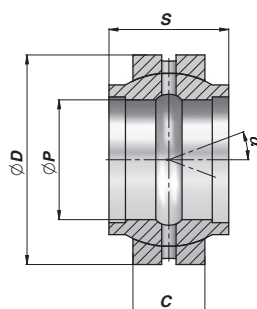
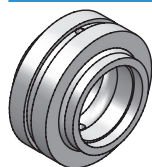


TABLEAU COMPARATIF ROTULES "GE"
CROSS REFERENCE SPHERICAL PLAIN BEARINGS

CONTARINI	SKF	INA	International Reference
GE ... DO	GE ... E/ES	GE ... DO	GE ... E/ES
GE ... DO2RS	GE ... ES-2RS	GE ... DO-2RS	GE ... ES-2RS
GE ... LO	GEG ... ES	GE ... LO	GEEW ... ES
GE ... HO2RS	GEM ... ES-2RS	GE ... HO-2RS	GEEM ... ES-2RS
GE ... FO	GEH ... ES	GE ... FO	GEG ... ES
GE ... FO2RS	GEH ... ES-2RS	GE ... FO-2RS	GEG ... ES-2RS
GE ... UK	GE ... C	GE ... UK	GE ... C
GE ... UK2RS	GE ... TXE-2LS / TXA-2LS	GE ... UK-2RS	GE ... ET-2RS
GE ... FW	GEH ... C	GE ... FW	GEG ... C
GE ... FW2RS	GEH ... TXE-2LS / TXA-2LS	GE ... FW-2RS	GEG ... ET/XT ... -2RS
GE ... TGR	GE ... TXGR	-	GE ... ET-X
GE ... TGR2RS	GE ... TXG3E-2LS / TXG3A-2LS	-	GE ... XT ... -2RS X
GE ... ZO	GEZ ... ES	GE ... ZO	GEZ ... ES
GE ... ZO2RS	GEZ ... ES-2RS	GE ... ZO-2RS	GEZ ... ES-2RS
GE ... SX	-	GE ... SX	GAC ... S
GE ... SW	GAC ... F	GE ... SW	GAC ... T
GE ... AX	-	GE ... AX	GX ... S
GE ... AW	GX ... F	GE ... AW	GX ... T

GE LO

ROTULE RADIALE DEMANDANT ENTRETIEN
RADIAL BALL-JOINT REQUIRING MAINTENANCE


TYPE LO

Code Code Type LO	ØP	ØD	S	C	α	FC (kN)	kg
CGE0001445	12	22	12	7	4	10.8	0,02
CGE0001446	16	28	16	9	4	17.6	0,03
CGE0001447	20	35	20	12	4	30.0	0,07
CGE0001448	25	42	25	16	4	48.0	0,12
CGE0001449	32	52	32	18	4	67.0	0,20
CGE0001450	40	62	40	22	4	100.0	0,34
CGE0001451	50	75	50	28	4	156.0	0,56
CGE0001452	63	95	63	36	4	255.0	1,20
CGE0001453	70	105	70	40	4	315.0	1,70
CGE0001454	80	120	80	45	4	400.0	2,40
CGE0001455	90	130	90	50	4	490.0	3,20
CGE0001456	100	150	100	55	4	610.0	4,80
CGE0001457	110	160	110	55	4	655.0	5,80
CGE0001458	125	180	125	70	4	950.0	8,50

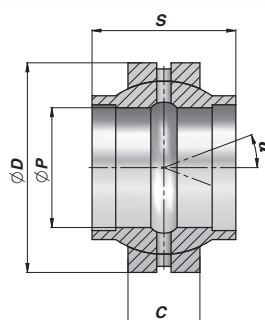
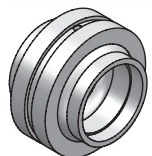
FC = CHARGE DYN. MAXI - MAX DYNAMIC LOAD

ACCOUPLEMENT - COUPLING: ACIER/ACIER - STEEL/STEEL

MATERIEL : ACIER ISO 12240-1 SERIE W

MATERIAL : STEEL ISO 12240-1 SERIES W

GE H02RS

ROTULE RADIALE DEMANDANT ENTRETIEN
RADIAL BALL-JOINT REQUIRING MAINTENANCE


TYPE H0...2RS

Code Code Type H0...2RS	ØP	ØD	S	C	α	FC (kN)	kg
CGE0001461	20	35	24	12	3	30	0,05
CGE0001462	25	42	29	16	3	48	0,10
CGE0001463	30	47	30	18	3	62	0,14
CGE0001464	35	55	35	20	3	80	0,24
CGE0001465	40	62	38	22	3	100	0,29
CGE0001466	45	68	40	25	3	127	0,43
CGE0001467	50	75	43	28	3	156	0,54
CGE0001468	60	90	54	36	3	245	1,10
CGE0001469	70	105	65	40	3	315	1,60
CGE0001470	80	120	74	45	3	400	2,40

FC = CHARGE DYN. MAXI - MAX DYNAMIC LOAD

ACCOUPLEMENT - COUPLING: ACIER/ACIER - STEEL/STEEL

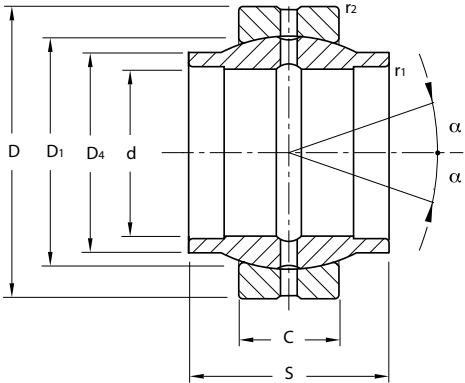
MATERIEL : ACIER

MATERIAL : STEEL

SRC...
(GEG...ES; GE...LO; GEEW...ES)

SNODI SFERICI RADIALI
ISO 12240-1 SERIE W
RICHIEDENTI MANUTENZIONE
ACCOPPIAMENTO : ACCIAIO SU ACCIAIO

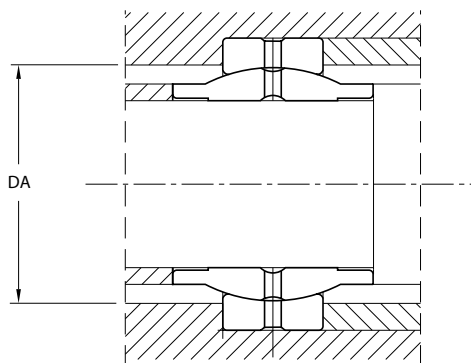
SPHERICAL PLAIN BEARING
ISO 12240-1 SERIES W
REQUIRING MAINTENANCE
COUPLING:STEEL/STEEL



SIGLA ARTICLE	d	D	S	C	TOLLERANZA TOLLERANCE				r1	r2
					d	D	S	C		
					mm.					
SRC 12 (1)	12	22	12	7	0 ÷ +0.018	0 ÷ -0.009	0 ÷ -0.18	0 ÷ -0.24	0.3	0.3
SRC 16	16	28	16	9	0 ÷ +0.018	0 ÷ -0.009	0 ÷ -0.18	0 ÷ -0.24	0.3	0.3
SRC 20	20	35	20	12	0 ÷ +0.021	0 ÷ -0.011	0 ÷ -0.21	0 ÷ -0.24	0.3	0.3
SRC 25	25	42	25	16	0 ÷ +0.021	0 ÷ -0.011	0 ÷ -0.21	0 ÷ -0.24	0.6	0.6
SRC 32	32	52	32	18	0 ÷ +0.025	0 ÷ -0.013	0 ÷ -0.25	0 ÷ -0.30	0.6	1.0
SRC 40	40	62	40	22	0 ÷ +0.025	0 ÷ -0.013	0 ÷ -0.25	0 ÷ -0.30	0.6	1.0
SRC 50	50	75	50	28	0 ÷ +0.025	0 ÷ -0.013	0 ÷ -0.25	0 ÷ -0.30	0.6	1.0
SRC 63	63	95	63	36	0 ÷ +0.030	0 ÷ -0.015	0 ÷ -0.30	0 ÷ -0.40	1.0	1.0
SRC 70	70	105	70	40	0 ÷ +0.030	0 ÷ -0.015	0 ÷ -0.30	0 ÷ -0.40	1.0	1.0
SRC 80	80	120	80	45	0 ÷ +0.030	0 ÷ -0.015	0 ÷ -0.30	0 ÷ -0.40	1.0	1.0
SRC 90	90	130	90	50	0 ÷ +0.035	0 ÷ -0.018	0 ÷ -0.35	0 ÷ -0.50	1.0	1.0
SRC 100	100	150	100	55	0 ÷ +0.035	0 ÷ -0.018	0 ÷ -0.35	0 ÷ -0.50	1.0	1.0
SRC 110	110	160	110	55	0 ÷ +0.035	0 ÷ -0.025	0 ÷ -0.35	0 ÷ -0.50	1.0	1.0
SRC 125	125	180	125	70	0 ÷ +0.040	0 ÷ -0.025	0 ÷ -0.40	0 ÷ -0.50	1.0	1.0
SRC 160	160	230	160	80	0 ÷ +0.040	0 ÷ -0.030	0 ÷ -0.40	0 ÷ -0.60	1.0	1.0
SRC 200	200	290	200	100	0 ÷ +0.046	0 ÷ -0.035	0 ÷ -0.46	0 ÷ -0.70	1.1	1.1
SRC 250 (2)	250	400	250	120	0 ÷ +0.046	0 ÷ -0.040	0 ÷ -0.46	0 ÷ -0.80	1.1	1.1
SRC 320 (2)	320	520	320	160	0 ÷ +0.057	0 ÷ -0.050	0 ÷ -0.57	0 ÷ -0.90	1.1	1.1

(1) NON RILUBRIFICABILE
(2) DISPONIBILITA' E PREZZO A RICHIESTA

(1) WITHOUT GREASE NIPPLE
(2) AVAILABILITY AND PRICE UPON REQUEST



d	D1	D4 max.	ANGOLO DI OSCILLAZIONE α SWINGING ANGLE α	FATTORI DI CARICO LIMITE LOAD FACTORS		GIUOCO RADIALE RADIAL CLEARANCE	DIMENSIONI DI MONTAGGIO MOUNTING DIMENSIONS DA min.	PESO IN Kg. WEIGHT Kg.
				Dinamico Dynamic C	Statico Static Co			
	mm.		α°	KN		mm.		Kg.
12	18	15.5	4	10.8	54	0.032 - 0.068	17.5	0.02
16	23	20	4	17.6	88	0.040 - 0.082	23	0.03
20	29	25	4	30	146	0.040 - 0.082	27.5	0.07
25	35.5	30.5	4	48	240	0.050 - 0.100	33	0.12
32	44	38	4	67	335	0.050 - 0.100	42	0.20
40	53	46	4	100	500	0.060 - 0.120	51	0.34
50	66	57	4	156	780	0.060 - 0.120	63	0.56
63	83	71.5	4	255	1270	0.072 - 0.142	78	1.20
70	92	79	4	315	1560	0.072 - 0.142	87	1.70
80	105	91	4	400	2000	0.072 - 0.142	99	2.40
90	115	99	4	490	2450	0.072 - 0.142	108	3.20
100	130	113	4	610	3050	0.085 - 0.165	123	4.80
110	140	124	4	655	3250	0.085 - 0.165	134	5.80
125	160	138	4	950	4750	0.085 - 0.165	150	8.10
160	200	177	4	1370	6800	0.100 - 0.192	191	16.50
200	250	221	4	2120	10600	0.100 - 0.192	239	32.00
250	350	317	4	3750	18000	0.110 - 0.214	342	99.00
320	450	405	4	6200	30500	0.135 - 0.261	438	225.00

SRC... - 2RS

(GEM...ES-2RS; GE...HO-2RS; GEEM...ES-2RS)

SNODI SFERICI RADIALI

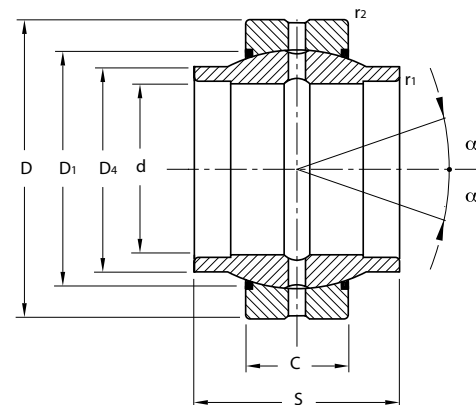
RICHIEDENTI MANUTENZIONE

ACCOPPIAMENTO : ACCIAIO SU ACCIAIO

SPHERICAL PLAIN BEARINGS

REQUIRING MAINTENANCE

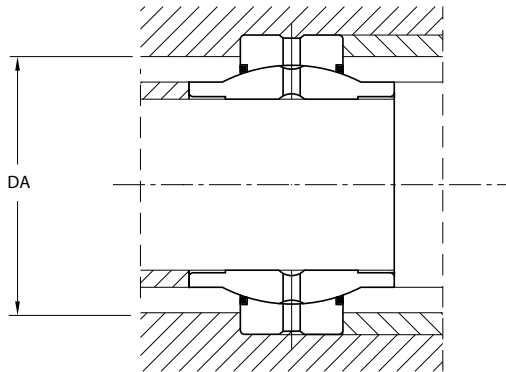
COUPLING:STEEL/STEEL



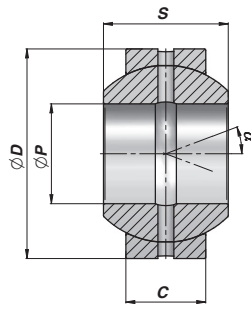
SIGLA ARTICLE	d	D	S	C	TOLLERANZA TOLERANCE				r1	r2
	d	D	S	C	d	D	S	C	r1	r2
	mm.									
SRC 20- 2RS	20	35	24	12	0 ÷ -0.010	0 ÷ -0.011	± 0.2	0 ÷ -0.24	0.2	0.3
SRC 25- 2RS	25	42	29	16	0 ÷ -0.010	0 ÷ -0.011	± 0.3	0 ÷ -0.24	0.2	0.6
SRC 30- 2RS	30	47	30	18	0 ÷ -0.010	0 ÷ -0.011	± 0.3	0 ÷ -0.24	0.2	0.6
SRC 35- 2RS	35	55	35	20	0 ÷ -0.012	0 ÷ -0.013	± 0.3	0 ÷ -0.30	0.3	1.0
SRC 40- 2RS	40	62	38	22	0 ÷ -0.012	0 ÷ -0.013	± 0.3	0 ÷ -0.30	0.3	1.0
SRC 45- 2RS	45	68	40	25	0 ÷ -0.012	0 ÷ -0.013	± 0.3	0 ÷ -0.30	0.3	1.0
SRC 50- 2RS	50	75	43	28	0 ÷ -0.012	0 ÷ -0.013	± 0.3	0 ÷ -0.30	0.3	1.0
SRC 60- 2RS	60	90	54	36	0 ÷ -0.015	0 ÷ -0.015	± 0.3	0 ÷ -0.40	0.3	1.0
SRC 70- 2RS	70	105	65	40	0 ÷ -0.015	0 ÷ -0.015	± 0.3	0 ÷ -0.40	0.3	1.0
SRC 80- 2RS	80	120	74	45	0 ÷ -0.015	0 ÷ -0.015	± 0.3	0 ÷ -0.40	0.3	1.0

NOTA: PER EVITARE IL DANNEGGIAMENTO O LA PERDITA DELLE PROTEZIONI (-2RS) E' NECESSARIO IMPEDIRE ALL'ANELLO INTERNO DI RUOTARE AL DI FUORI DELL'ANELLO ESTERNO. TALE AVVERTENZA SI RIFERISCE IN PARTICOLARE MODO AGLI SNODI CON ANELLO ESTERNO DIVISO IN DUE METÀ, TENUTE INSIEME MEDIANTE UN NASTRO DI ACCIAIO.

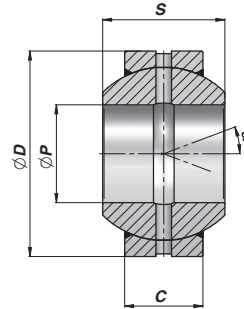
NOTES: TO AVOID THE DAMAGE OR THE LOSS OF THE PROTECTION RINGS(-2RS) DO NOT ALLOW INNER BALL TO ROTATE OUT OF THE EXTERNAL HOUSING.



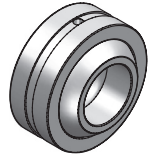
d	D1	D4 max.	ANGOLO DI OSCILLAZIONE α SWINGING ANGLE α	FATTORI DI CARICO LIMITE LOAD FACTORS		GIUOCO RADIALE RADIAL CLEARANCE	DIMENSIONI DI MONTAGGIO MOUNTING DIMENSIONS DA min.	PESO IN Kg. WEIGHT Kg.
				Dinamico Dynamic C	Statico Static Co			
mm.			α°	KN		mm.		Kg.
20	29	24	3	30	146	0.040 - 0.082	27.5	0.05
25	35.5	29	3	48	240	0.050 - 0.100	33	0.10
30	40.7	34.2	3	62	310	0.050 - 0.100	38	0.14
35	47	40	3	80	400	0.050 - 0.100	44.5	0.24
40	53	45	3	100	500	0.060 - 0.120	51	0.29
45	60	51.5	3	127	640	0.060 - 0.120	57	0.43
50	66	56.5	3	156	780	0.060 - 0.120	63	0.54
60	80	67.7	3	245	1220	0.060 - 0.120	75	1.10
70	92	78	3	315	1560	0.072 - 0.142	87	1.60
80	105	90	3	400	2000	0.072 - 0.142	99	2.40

ROTULE RADIALE DEMANDANT ENTRETIEN
RADIAL BALL-JOINT REQUIRING MAINTENANCE
GE FO/GE FO2RS


TYPE FO



TYPE FO...2RS



Code Code Type FO	Code Code Type FO...2RS	ØP	ØD	S	C	α	FC (kN)	kg
*CGE0001474		12	26	15	9	18	17.0	0,03
CGE0001475	CGE0001495	15	30	16	10	16	21.2	0,04
CGE0001476	CGE0001496	17	35	20	12	19	30.0	0,07
CGE0001477	CGE0001497	20	42	25	16	17	48.0	0,15
CGE0001478	CGE0001498	25	47	28	18	17	62.0	0,19
CGE0001479	CGE0001499	30	55	32	20	17	80.0	0,29
CGE0001480	CGE0001500	35	62	35	22	16	100.0	0,39
CGE0001481	CGE0001501	40	68	40	25	17	127.0	0,52
CGE0001482	CGE0001502	45	75	43	28	15	156.0	0,68
CGE0001483	CGE0001503	50	90	56	36	17	245.0	1,40
CGE0001484	CGE0001504	60	105	63	40	17	315.0	2,00
CGE0001485	CGE0001505	70	120	70	45	16	400.0	2,90
CGE0001486	CGE0001506	80	130	75	50	14	490.0	3,50
CGE0001487	CGE0001507	90	150	85	55	15	610.0	5,40
CGE0001488	CGE0001508	100	160	85	55	14	655.0	5,90
CGE0001489	CGE0001509	110	180	100	70	12	950.0	9,70
CGE0001490	CGE0001510	120	210	115	70	16	1080.0	15,00
CGE0001491	CGE0001511	140	230	130	80	16	1370.0	18,50
CGE0001492	CGE0001512	160	260	135	80	16	1530.0	25,00
CGE0001493	CGE0001513	180	290	155	100	14	2120.0	35,50

FC = CHARGE DYN. MAXI - MAX DYNAMIC LOAD

* = SANS GRAISSEUR - WITHOUT GREASE NIPPLE

ACCOUPLEMENT - COUPLING : ACIER/ACIER - STEEL/STEEL

MATÉRIEL : ACIER ISO 12240-1 SÉRIE G

MATERIAL : STEEL ISO 12240-1 SERIES G

SRL...**SRL... - 2RS****(GEH...ES; GEH...ES-2RS; GE...FO; GE...FO-2RS; GEG...ES; GEG...ES-2RS)**

SNODI SFERICI RADIALI

ISO 12240-1 SERIE G

RICHIEDENTI MANUTENZIONE

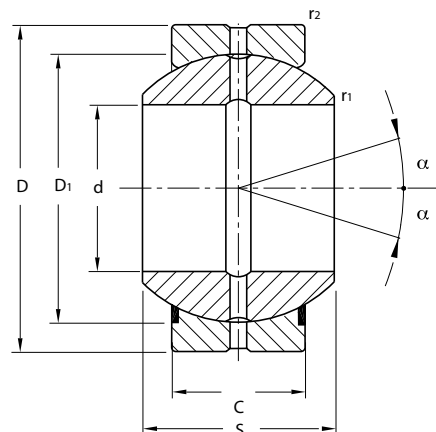
ACCOPIAMENTO : ACCIAIO SU ACCIAIO

SPHERICAL PLAIN BEARINGS

ISO 12240-1 SERIES G

REQUIRING MAINTENANCE

COUPLING:STEEL/STEEL



SIGLA CUSCINETTO SENZA TENUTA CODE BEARING WITHOUT PROTECTION RINGS	SIGLA CUSCINETTO CON TENUTA CODE BEARING WITH PROTECTION RINGS	d	D	S	C	TOLLERANZA TOLLERANCE				r1	r2
		d	D	S	C	d	D	S	C	r1	r2
		mm.									
SRL 6 (1) (3)		6	16	9	5	0 ÷ -0.008	0 ÷ -0.008	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRL 8 (1)		8	19	11	6	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRL 10 (1)		10	22	12	7	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRL 12 (2)		12	26	15	9	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRL 15	SRL 15 - 2RS	15	30	16	10	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRL 17	SRL 17 - 2RS	17	35	20	12	0 ÷ -0.008	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRL 20	SRL 20 - 2RS	20	42	25	16	0 ÷ -0.010	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.6	0.6
SRL 25	SRL 25 - 2RS	25	47	28	18	0 ÷ -0.010	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.6	0.6
SRL 30	SRL 30 - 2RS	30	55	32	20	0 ÷ -0.010	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
SRL 35	SRL 35 - 2RS	35	62	35	22	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
SRL 40	SRL 40 - 2RS	40	68	40	25	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
SRL 45	SRL 45 - 2RS	45	75	43	28	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
SRL 50	SRL 50 - 2RS	50	90	56	36	0 ÷ -0.012	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	0.6	1.0
SRL 60	SRL 60 - 2RS	60	105	63	40	0 ÷ -0.015	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	1.0	1.0
SRL 70	SRL 70 - 2RS	70	120	70	45	0 ÷ -0.015	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	1.0	1.0
SRL 80	SRL 80 - 2RS	80	130	75	50	0 ÷ -0.015	0 ÷ -0.018	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
SRL 90	SRL 90 - 2RS	90	150	85	55	0 ÷ -0.020	0 ÷ -0.018	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
SRL 100	SRL 100 - 2RS	100	160	85	55	0 ÷ -0.020	0 ÷ -0.025	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
SRL 110	SRL 110 - 2RS	110	180	100	70	0 ÷ -0.020	0 ÷ -0.025	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
SRL 120	SRL 120 - 2RS	120	210	115	70	0 ÷ -0.020	0 ÷ -0.030	0 ÷ -0.25	0 ÷ -0.60	1.0	1.0
SRL 140	SRL 140 - 2RS	140	230	130	80	0 ÷ -0.025	0 ÷ -0.030	0 ÷ -0.25	0 ÷ -0.60	1.0	1.0
SRL 160 (3)	SRL 160 - 2RS	160	260	135	80	0 ÷ -0.025	0 ÷ -0.035	0 ÷ -0.25	0 ÷ -0.70	1.0	1.1
SRL 180 (3)	SRL 180 - 2RS	180	290	155	100	0 ÷ -0.025	0 ÷ -0.035	0 ÷ -0.30	0 ÷ -0.70	1.1	1.1
	SRL 200 - 2RS (3)	200	320	165	100	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.30	0 ÷ -0.80	1.1	1.1
	SRL 220 - 2RS (3)	220	340	175	100	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.30	0 ÷ -0.80	1.1	1.1
	SRL 240 - 2RS (3)	240	370	190	110	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.35	0 ÷ -0.80	1.1	1.1
	SRL 260 - 2RS (3)	260	400	205	120	0 ÷ -0.035	0 ÷ -0.040	0 ÷ -0.35	0 ÷ -0.80	1.1	1.1
	SRL 280 - 2RS (3)	280	430	210	120	0 ÷ -0.035	0 ÷ -0.045	0 ÷ -0.35	0 ÷ -0.90	1.1	1.1

(1) NON RILUBRIFICABILE

(2) RILUBRIFICABILE SOLO TRAMITE ANELLO ESTERNO

(3) DISPONIBILITA' E PREZZO A RICHIESTA

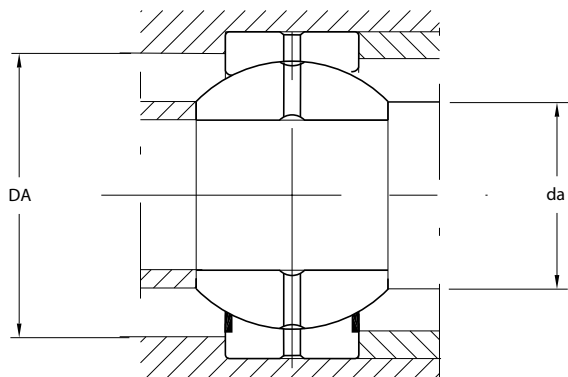
NOTA: PER EVITARE IL DANNEGGIAMENTO O LA PERDITA DELLE PROTEZIONI **(-2RS)** E' NECESSARIO IMPEDIRE ALL'ANELLO INTERNO DI RUOTARE AL DI FUORI DELL'ANELLO ESTERNO. TALE AVVERTENZA SI RIFERISCE IN PARTICOLARE MODO AGLI SNODI CON ANELLO ESTERNO DIVISO IN DUE METÀ, TENUTE INSIEME MEDIANTE UN NASTRO DI ACCIAIO.

(1) WITHOUT GREASE NIPPLE

(2) MAINTENANCE THROUGH EXTERNAL RING

(3) AVAILABILITY AND PRICE UPON REQUEST

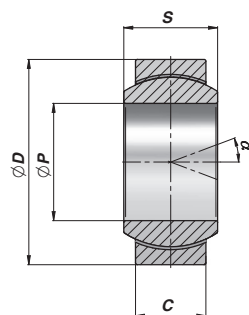
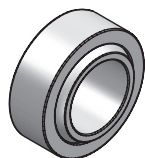
NOTES: TO AVOID THE DAMAGE OR THE LOSS OF THE PROTECTION RINGS **(-2RS)** DO NOT ALLOW INNER BALL TO ROTATE OUT OF THE EXTERNAL HOUSING.



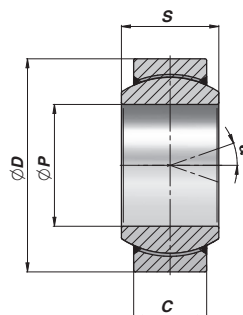
d	D1	ANGOLO DI OSCILLAZIONE α SWINGING ANGLE α	FATTORI DI CARICO LIMITE LOAD FACTORS		GIUOCO RADIALE RADIAL CLEARANCE	r1	r2	DIMENSIONI DI MONTAGGIO MOUNTING DIMENSIONS		PESO IN Kg. WEIGHT Kg.	
			Dinamico Dynamic C	Statico Static Co				da max.	DA min.		
mm.		α°	KN		mm.						Kg.
6	13	21	5.5	7.5	0.032 - 0.068	0.3	0.3	9.3	12.5	0.008	
8	16	21	8.15	40.5	0.032 - 0.068	0.3	0.3	11.6	15.5	0.01	
10	18	18	10.8	54	0.032 - 0.068	0.3	0.3	13.4	17.5	0.02	
12	22	18	17	85	0.040 - 0.082	0.3	0.3	16	21	0.03	
15	25	16	21.2	106	0.040 - 0.082	0.3	0.3	19.2	24	0.04	
17	29	19	30	146	0.040 - 0.082	0.3	0.3	21	27.5	0.07	
20	35.5	17	48	240	0.050 - 0.100	0.6	0.6	25.2	33	0.15	
25	40.7	17	62	310	0.050 - 0.100	0.6	0.6	29.5	38	0.19	
30	47	17	80	400	0.050 - 0.100	0.6	1.0	34.4	44.5	0.29	
35	53	16	100	500	0.060 - 0.120	0.6	1.0	39.7	51	0.39	
40	60	17	127	640	0.060 - 0.120	0.6	1.0	44.7	57	0.52	
45	66	15	156	780	0.060 - 0.120	0.6	1.0	50	63	0.68	
50	80	17	245	1220	0.060 - 0.120	0.6	1.0	57.1	75	1.40	
60	92	17	315	1560	0.072 - 0.142	1.0	1.0	67	87	2.00	
70	105	16	400	2000	0.072 - 0.142	1.0	1.0	78.2	99	2.90	
80	115	14	490	2450	0.072 - 0.142	1.0	1.0	87.1	108	3.50	
90	130	15	610	3050	0.085 - 0.165	1.0	1.0	98.3	123	5.40	
100	140	14	655	3250	0.085 - 0.165	1.0	1.0	111.2	134	5.90	
110	160	12	950	4750	0.085 - 0.165	1.0	1.0	124.8	150	9.70	
120	180	16	1080	5400	0.085 - 0.165	1.0	1.0	138.4	173	15.00	
140	200	16	1370	6800	0.100 - 0.192	1.0	1.0	151.9	191	18.50	
160	225	16	1530	7650	0.100 - 0.192	1.0	1.1	180	219	25.00	
180	250	14	2120	10600	0.100 - 0.192	1.1	1.1	196.1	239	35.50	
200	275	15	2320	11600	0.100 - 0.192	1.1	1.1	220	267	45.00	
220	300	16	2550	12700	0.100 - 0.192	1.1	1.1	243.6	295	51.00	
240	325	15	3050	15300	0.110 - 0.214	1.1	1.1	263.6	319	64.00	
260	350	15	3550	18000	0.110 - 0.214	1.1	1.1	283.6	342	81.00	
280	375	15	3800	19000	0.110 - 0.214	1.1	1.1	310.6	370	94.00	

GE UK/GE UK2RS

ROTULE RADIALE SANS ENTRETIEN
MAINTENANCE FREE RADIAL BALL-JOINT



TYPE UK



TYPE UK...2RS

Code Code Type UK	Code Code Type UK...2RS	ØP	ØD	S	C	α	FC Type UK (kN)	FC Type UK2RS (kN)	kg
CGE0001518		12	22	10	7	11	11.4		0,01
CGE0001519		15	26	12	9	8	17.6		0,02
CGE0001520	CGE0001525	17	30	14	10	10	22.4	48	0,03
CGE0001521	CGE0001526	20	35	16	12	9	31.5	68	0,06
CGE0001522	CGE0001527	25	42	20	16	7	51.0	130	0,11
CGE0001523	CGE0001528	30	47	22	18	6	65.5	170	0,14
	CGE0001529	35	55	25	20	6		220	0,22
	CGE0001530	40	62	28	22	7		280	0,30
	CGE0001531	45	68	32	25	7		360	0,40
	CGE0001532	50	75	35	28	6		440	0,54
	CGE0001533	60	90	44	36	6		690	1,00
	CGE0001534	70	105	49	40	6		880	1,50
	CGE0001535	80	120	55	45	6		1135	2,20
	CGE0001536	90	130	60	50	5		1375	2,70
	CGE0001537	100	150	70	55	7		1725	4,30
	CGE0001538	110	160	70	55	6		1860	4,70
	CGE0001539	120	180	85	70	6		2700	8,00
	CGE0001540	140	210	90	70	7		3010	11,00
	CGE0001541	160	230	105	80	8		3840	13,50
	CGE0001542	180	260	105	80	6		4320	18,50
	CGE0001543	200	290	130	100	7		6000	28,00

FC = CHARGE DYN. MAXI - MAX DYNAMIC LOAD

CGE...UK = ACCOUPLEMENT - COUPLING: ACIER SUR BRONZE FRITTÉ/PTFE - STEEL ON SINTERED BRONZE/PTFE

CGE...UK2RS = ACCOUPLEMENT - COUPLING: CHROME DUR/PTFE - HARD CHROMIUM/PTFE

MATERIEL : ACIER ISO 12240-1 SERIE E

MATERIAL : STEEL ISO 12240-1 SERIES E

SRB...

SRT... - 2RS

(GE...C;GE...UK; GE...UK-2RS;GE...TXE-2LS; GE...TXA-2LS; GE...ET-2RS)

SNODI SFERICI RADIALI
ISO 12240-1 SERIE E
NON RICHIEDENTI MANUTENZIONE
ACCOPPIAMENTO: CROMO DURO SU PTFE

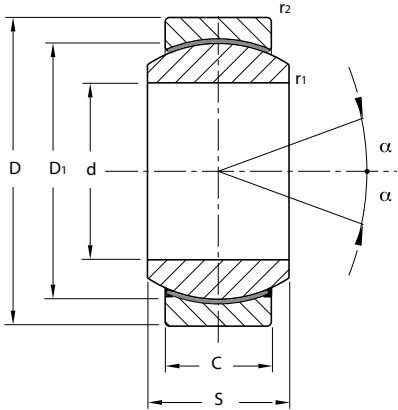
SPHERICAL PLAIN BEARINGS

ISO 12240-1 SERIES E

MAINTENANCE FREE

COUPLING: HARD CHROMIUM ON PTFE

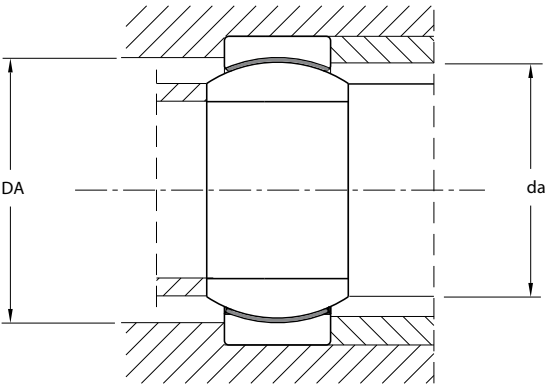
**ALTA RESISTENZA
HIGH RESISTANCE**



SIGLA CUSCINETTO SENZA TENUTA CODE BEARING WITHOUT PROTECTION RINGS	SIGLA CUSCINETTO CON TENUTA CODE BEARING WITH PROTECTION RINGS	d	D	S	C	TOLLERANZA TOLLERANCE				r1	r2
						d	D	S	C		
						mm.					
SRB 6		6	14	6	4	0 ÷ -0.008	0 ÷ -0.008	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRB 8		8	16	8	5	0 ÷ -0.008	0 ÷ -0.008	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRB 10		10	19	9	6	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRB 12		12	22	10	7	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRB 15		15	26	12	9	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRB 17	SRT 17 - 2RS	17	30	14	10	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRB 20	SRT 20 - 2RS	20	35	16	12	0 ÷ -0.010	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRB 25	SRT 25 - 2RS	25	42	20	16	0 ÷ -0.010	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.6	0.3
SRB 30	SRT 30 - 2RS	30	47	22	18	0 ÷ -0.010	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.6	0.6
	SRT 35 - 2RS	35	55	25	20	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	0.6
	SRT 40 - 2RS	40	62	28	22	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
	SRT 45 - 2RS	45	68	32	25	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
	SRT 50 - 2RS	50	75	35	28	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
	SRT 60 - 2RS	60	90	44	36	0 ÷ -0.015	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	0.6	1.0
	SRT 70 - 2RS	70	105	49	40	0 ÷ -0.015	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	1.0	1.0
	SRT 80 - 2RS	80	120	55	45	0 ÷ -0.015	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	1.0	1.0
	SRT 90 - 2RS	90	130	60	50	0 ÷ -0.020	0 ÷ -0.018	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRT 100 - 2RS	100	150	70	55	0 ÷ -0.020	0 ÷ -0.018	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRT 110 - 2RS	110	160	70	55	0 ÷ -0.020	0 ÷ -0.025	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRT 120 - 2RS	120	180	85	70	0 ÷ -0.020	0 ÷ -0.025	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRT 140 - 2RS	140	210	90	70	0 ÷ -0.025	0 ÷ -0.030	0 ÷ -0.25	0 ÷ -0.60	1.0	1.0
	SRT 160 - 2RS (1)	160	230	105	80	0 ÷ -0.025	0 ÷ -0.030	0 ÷ -0.25	0 ÷ -0.60	1.0	1.0
	SRT 180 - 2RS (1)	180	260	105	80	0 ÷ -0.025	0 ÷ -0.035	0 ÷ -0.25	0 ÷ -0.70	1.0	1.0
	SRT 200 - 2RS (1)	200	290	130	100	0 ÷ -0.030	0 ÷ -0.035	0 ÷ -0.30	0 ÷ -0.70	1.1	1.1
	SRT 220 - 2RS (1)	220	320	135	100	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.30	0 ÷ -0.80	1.1	1.1
	SRT 240 - 2RS (1)	240	340	140	100	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.30	0 ÷ -0.80	1.1	1.1
	SRT 260 - 2RS (1)	260	370	150	110	0 ÷ -0.035	0 ÷ -0.040	0 ÷ -0.35	0 ÷ -0.80	1.1	1.1
	SRT 280 - 2RS (1)	280	400	155	120	0 ÷ -0.035	0 ÷ -0.040	0 ÷ -0.35	0 ÷ -0.80	1.1	1.1
	SRT 300 - 2RS (1)	300	430	165	120	0 ÷ -0.035	0 ÷ -0.045	0 ÷ -0.35	0 ÷ -0.90	1.1	1.1

(1)DISPONIBILITA'E PREZZO A RICHIESTA
NOTA: PER EVITARE IL DANNEGGIAMENTO O LA PERDITA DELLE PROTEZIONI **(-2RS)** E' NECESSARIO IMPEDIRE ALL'ANELLO INTERNO DI RUOTARE AL DI FUORI DELL'ANELLO ESTERNO.
TALE AVVERTENZA SI RIFERISCE IN PARTICOLARE MODO AGLI SNODI CON ANELLO ESTERNO DIVISO IN DUE META', TENUTE INSIEME MEDIANTE UN NASTRO DI ACCIAIO.

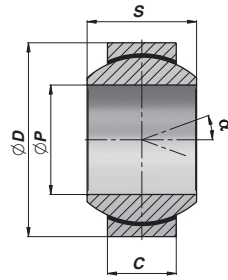
(1) AVAILABILITY AND PRICE UPON REQUEST
NOTES: TO AVOID THE DAMAGE OR THE LOSS OF THE PROTECTION RINGS**(-2RS)** DO NOT ALLOW INNER BALL TO ROTATE OUT OF THE EXTERNAL HOUSING.



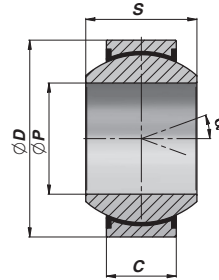
d	D1	ANGOLO DI OSCILLAZIONE α SWINGING ANGLE α	FATTORI DI CARICO LIMITE LOAD FACTORS		GIUOCO RADIALE RADIAL CLEARANCE	DIMENSIONI DI MONTAGGIO MOUNTING DIMENSIONS		PESO IN Kg. WEIGHT Kg.
			Dinamico Dynamic C	Statico Static Co		da max.	DA min.	
mm.		α°	KN			mm.		Kg.
6	10	13	3,6	9	0 - 0.032	8	9.6	0.004
8	13	15	5,85	14,6	0 - 0.032	10.2	12.5	0.007
10	16	12	8,65	21,6	0 - 0.032	13.2	15.5	0.01
12	18	11	11,4	28,5	0 - 0.032	14.9	17.5	0.01
15	22	8	17,6	44	0 - 0.040	18.4	21	0.02
17	25	10	22.4 - 48 (1)	56 - 81 (1)	0 - 0.040	20.7	24	0.03
20	29	9	31.5 - 68 (1)	78 - 112 (1)	0 - 0.040	24.1	27.5	0.06
25	35.5	7	51 - 130 (1)	127 - 225 (1)	0 - 0.050	29.3	33	0.11
30	40.7	6	65.5 - 170 (1)	166 - 285 (1)	0 - 0.050	34.2	38	0.14
35	47	6	220 (1)	370 (1)	0 - 0.050	39.7	44.5	0.22
40	53	7	280 (1)	465 (1)	0 - 0.060	45	51	0.30
45	60	7	360 (1)	600 (1)	0 - 0.060	50.7	57	0.40
50	66	6	440 (1)	735 (1)	0 - 0.060	55.9	63	0.54
60	80	6	690 (1)	1155 (1)	0 - 0.060	66.8	75	1.00
70	92	6	880 (1)	1470 (1)	0 - 0.072	77.8	87	1.50
80	105	6	1135 (1)	1900 (1)	0 - 0.072	89.4	99	2.20
90	115	5	1375 (1)	2320 (1)	0 - 0.072	98.1	108	2.70
100	130	7	1725 (1)	2860 (1)	0 - 0.085	109.5	123	4.30
110	140	6	1860 (1)	3100 (1)	0 - 0.085	121.2	134	4.70
120	160	6	2700 (1)	4500 (1)	0 - 0.085	135.5	150	8.00
140	180	7	3010 (1)	5020 (1)	0 - 0.085	155.8	173	11.00
160	200	8	3840 (1)	6400 (1)	0 - 0.100	170.2	191	13.50
180	225	6	4320 (1)	7200 (1)	0 - 0.100	198.9	219	18.50
200	250	7	6000 (1)	10000 (1)	0 - 0.100	213.5	239	28.00
220	275	8	6600 (1)	11000 (1)	0 - 0.100	239.5	267	35.50
240	300	8	7200 (1)	12000 (1)	0 - 0.100	265.3	295	40.00
260	325	7	8650 (1)	14300 (1)	0 - 0.110	288.3	319	50.00
280	350	6	10050 (1)	16750 (1)	0 - 0.110	313.8	342	64.00
300	375	7	10800 (1)	18000 (1)	0 - 0.110	336.7	370	75.00

(1) FATTORE DI CARICO PER ESECUZIONE DI CUSCINETTO SRT...-2RS

(1) LOAD FACTORS BEARING SRT...-2RS

ROTULE RADIALE SANS ENTRETIEN
MAINTENANCE FREE RADIAL BALL-JOINT
GE FW/GE FW2RS


TYPE FW



TYPE FW...2RS



Code Code Type FW	Code Code Type FW...2RS	ØP	ØD	S	C	α	FC (kN)	kg
CGE0003503		12	26	15	9	18	17.6	0,03
CGE0003504		15	30	16	10	16	22.4	0,04
CGE0003505		17	35	20	12	19	31.5	0,07
CGE0003506		20	42	25	16	17	51.0	0,15
CGE0003507		25	47	28	18	17	65.5	0,19
CGE0003508	CGE0003550	30	55	32	20	17	210.0	0,29
	CGE0003551	35	62	35	22	16	275.0	0,39
	CGE0003552	40	68	40	25	17	360.0	0,52
	CGE0003553	45	75	43	28	15	440.0	0,68
	CGE0003554	50	90	56	36	17	690.0	1,40
	CGE0003555	60	105	63	40	17	885.0	2,00
	CGE0003556	70	120	70	45	16	1125.0	2,90
	CGE0003557	80	130	75	50	14	1380.0	3,50
	CGE0003558	90	150	85	55	15	1720.0	5,40
	CGE0003559	100	160	85	55	14	1840.0	5,90
	CGE0003560	110	180	100	70	12	2685.0	9,70
	CGE0003561	120	210	115	70	16	3015.0	15,00
	CGE0003562	140	230	130	80	16	3845.0	18,50
	CGE0003563	160	260	135	80	16	4320.0	25,00
	CGE0003564	180	290	155	100	14	6000.0	35,50
	CGE0003565	200	320	165	100	15	6600.0	45,00

FC = CHARGE DYN. MAXI - MAX DYNAMIC LOAD

CGE...FW = ACCOUPLEMENT - COUPLING: ACIER SUR BRONZE FRITTÉ/PTFE - STEEL ON SINTERED BRONZE/PTFE

CGE...FW2RS = ACCOUPLEMENT - COUPLING: CHROME DUR/PTFE - HARD CHROMIUM/PTFE

MATERIEL : ACIER ISO 12240-1 SERIE G

MATERIAL : STEEL ISO 12240-1 SERIES G

SRLB...**SRLT... - 2RS****(GEH...TXE-2LS; GEH...TXA-2LS; GE...FW-2RS; GEG...ET; GEG...XT-2RS)**

SNODI SFERICI RADIALI

ISO 12240-1 SERIE G

NON RICHIEDENTI MANUTENZIONE

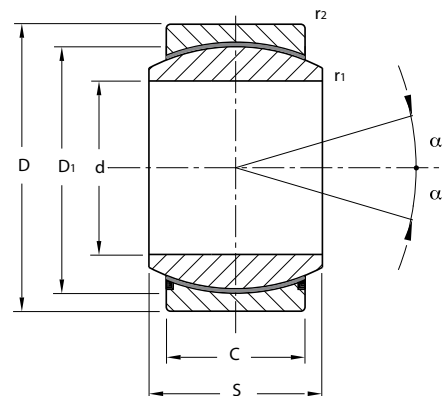
ACCOPIAMENTO : CROMO DURO SU PTFE

SPHERICAL PLAIN BEARINGS

ISO 12240-1 SERIES G

MAINTENANCE FREE

COUPLING:HARD CHROMIUM/PTFE

ALTA RESISTENZA
HIGH RESISTANCE

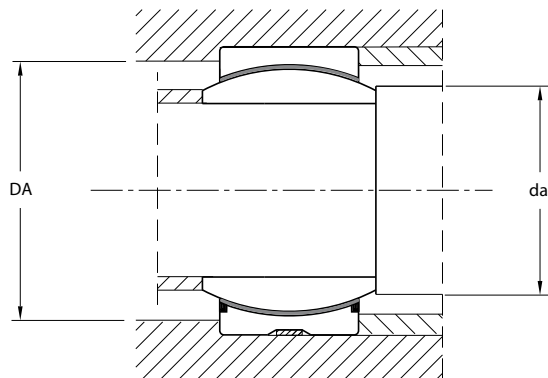
SIGLA CUSCINETTO SENZA TENUTA CODE BEARING WITHOUT PROTECTION RINGS	SIGLA CUSCINETTO CON TENUTA CODE BEARING WITH PROTECTION RINGS	d	D	S	C	TOLLERANZA TOLERANCE				r1	r2
						d	D	S	C		
		mm.									
SRLB 6		6	16	9	5	0 ÷ -0.008	0 ÷ -0.008	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRLB 8		8	19	11	6	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRLB 10		10	22	12	7	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRLB 12		12	26	15	9	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRLB 15		15	30	16	10	0 ÷ -0.008	0 ÷ -0.009	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRLB 17		17	35	20	12	0 ÷ -0.008	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.3	0.3
SRLB 20		20	42	25	16	0 ÷ -0.010	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.6	0.6
SRLB 25		25	47	28	18	0 ÷ -0.010	0 ÷ -0.011	0 ÷ -0.12	0 ÷ -0.24	0.6	0.6
SRLB 30	SRLT 30 - 2RS	30	55	32	20	0 ÷ -0.010	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
	SRLT 35 - 2RS	35	62	35	22	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
	SRLT 40 - 2RS	40	68	40	25	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
	SRLT 45 - 2RS	45	75	43	28	0 ÷ -0.012	0 ÷ -0.013	0 ÷ -0.12	0 ÷ -0.30	0.6	1.0
	SRLT 50 - 2RS	50	90	56	36	0 ÷ -0.012	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	0.6	1.0
	SRLT 60 - 2RS	60	105	63	40	0 ÷ -0.015	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	1.0	1.0
	SRLT 70 - 2RS	70	120	70	45	0 ÷ -0.015	0 ÷ -0.015	0 ÷ -0.15	0 ÷ -0.40	1.0	1.0
	SRLT 80 - 2RS	80	130	75	50	0 ÷ -0.015	0 ÷ -0.018	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRLT 90 - 2RS	90	150	85	55	0 ÷ -0.020	0 ÷ -0.018	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRLT 100 - 2RS	100	160	85	55	0 ÷ -0.020	0 ÷ -0.025	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRLT 110 - 2RS	110	180	100	70	0 ÷ -0.020	0 ÷ -0.025	0 ÷ -0.20	0 ÷ -0.50	1.0	1.0
	SRLT 120 - 2RS	120	210	115	70	0 ÷ -0.020	0 ÷ -0.030	0 ÷ -0.25	0 ÷ -0.60	1.0	1.0
	SRLT 140 - 2RS	140	230	130	80	0 ÷ -0.025	0 ÷ -0.030	0 ÷ -0.25	0 ÷ -0.60	1.0	1.0
	SRLT 160 - 2RS	160	260	135	80	0 ÷ -0.025	0 ÷ -0.035	0 ÷ -0.25	0 ÷ -0.70	1.0	1.1
	SRLT 180 - 2RS	180	290	155	100	0 ÷ -0.025	0 ÷ -0.035	0 ÷ -0.30	0 ÷ -0.70	1.1	1.1
	SRLT 200 - 2RS (1)	200	320	165	100	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.30	0 ÷ -0.80	1.1	1.1
	SRLT 220 - 2RS (1)	220	340	175	100	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.30	0 ÷ -0.80	1.1	1.1
	SRLT 240 - 2RS (1)	240	370	190	110	0 ÷ -0.030	0 ÷ -0.040	0 ÷ -0.35	0 ÷ -0.80	1.1	1.1
	SRLT 260 - 2RS (1)	260	400	205	120	0 ÷ -0.035	0 ÷ -0.040	0 ÷ -0.35	0 ÷ -0.80	1.1	1.1
	SRLT 280 - 2RS (1)	280	430	210	120	0 ÷ -0.035	0 ÷ -0.045	0 ÷ -0.35	0 ÷ -0.90	1.1	1.1

(1)DISPONIBILITA'E PREZZO A RICHIESTA

NOTA: PER EVITARE IL DANNEGGIAMENTO O LA PERDITA DELLE PROTEZIONI (-2RS) E' NECESSARIO IMPEDIRE ALL'ANELLO INTERNO DI RUOTARE AL DI FUORI DELL'ANELLO ESTERNO. TALE AVVERTENZA SI RIFERISCE IN PARTICOLARE MODO AGLI SNODI CON ANELLO ESTERNO DIVISO IN DUE META', TENUTE INSIEME MEDIANTE UN NASTRO DI ACCIAIO.

(1) AVAILABILITY AND PRICE UPON REQUEST

NOTES: TO AVOID THE DAMAGE OR THE LOSS OF THE PROTECTION RINGS(-2RS) DO NOT ALLOW INNER BALL TO ROTATE OUT OF THE EXTERNAL HOUSING.



d	D1	ANGOLO DI OSCILLAZIONE α SWINGING ANGLE α	FATTORI DI CARICO LIMITE LOAD FACTORS		GIUOCO RADIALE RADIAL CLEARANCE	DIMENSIONI DI MONTAGGIO MOUNTING DIMENSIONS		PESO IN Kg. WEIGHT Kg.
			Dinamico Dynamic C	Statico Static Co		da max.	DA min.	
mm.		α°	KN		mm.			Kg.
6	13	21	5.85	14.6	0 - 0.032	9.3	12.5	0.008
8	16	21	8.65	21.6	0 - 0.032	11.6	15.5	0.01
10	18	18	11.4	28.5	0 - 0.032	13.4	17.5	0.02
12	22	18	17.6	44	0 - 0.040	16.0	21	0.03
15	25	16	22.4	56	0 - 0.040	19.2	24	0.04
17	29	19	31.5	78	0 - 0.040	21.0	27.5	0.07
20	35.5	17	51	127	0 - 0.050	25.2	33	0.15
25	40.7	17	65.5	166	0 - 0.050	29.5	38	0.19
30	47	17	210	350	0 - 0.050	34.4	44.5	0.29
35	53	16	275	465	0 - 0.060	39.7	51	0.39
40	60	17	360	600	0 - 0.060	44.7	57	0.52
45	66	15	440	740	0 - 0.060	50.0	63	0.68
50	80	17	690	1150	0 - 0.060	57.1	75	1.40
60	92	17	885	1475	0 - 0.072	67.0	87	2.00
70	105	16	1125	1875	0 - 0.072	78.2	99	2.90
80	115	14	1380	2300	0 - 0.072	87.1	108	3.50
90	130	15	1720	2860	0 - 0.085	98.3	123	5.40
100	140	14	1840	3070	0 - 0.085	111.2	134	5.90
110	160	12	2685	4480	0 - 0.085	124.8	150	9.70
120	180	16	3015	5030	0 - 0.085	138.4	173	15.00
140	200	16	3845	6400	0 - 0.100	151.9	191	18.50
160	225	16	4320	7210	0 - 0.100	180.0	219	25.00
180	250	14	6000	10000	0 - 0.100	196.1	239	35.50
200	275	15	6600	11000	0 - 0.100	220.0	267	45.00
220	300	16	7200	12000	0 - 0.100	243.6	295	51.00
240	325	15	8550	14250	0 - 0.100	263.6	319	64.00
260	350	15	10050	16750	0 - 0.110	283.6	342	81.00
280	375	15	10800	18000	0 - 0.110	310.6	370	94.00