

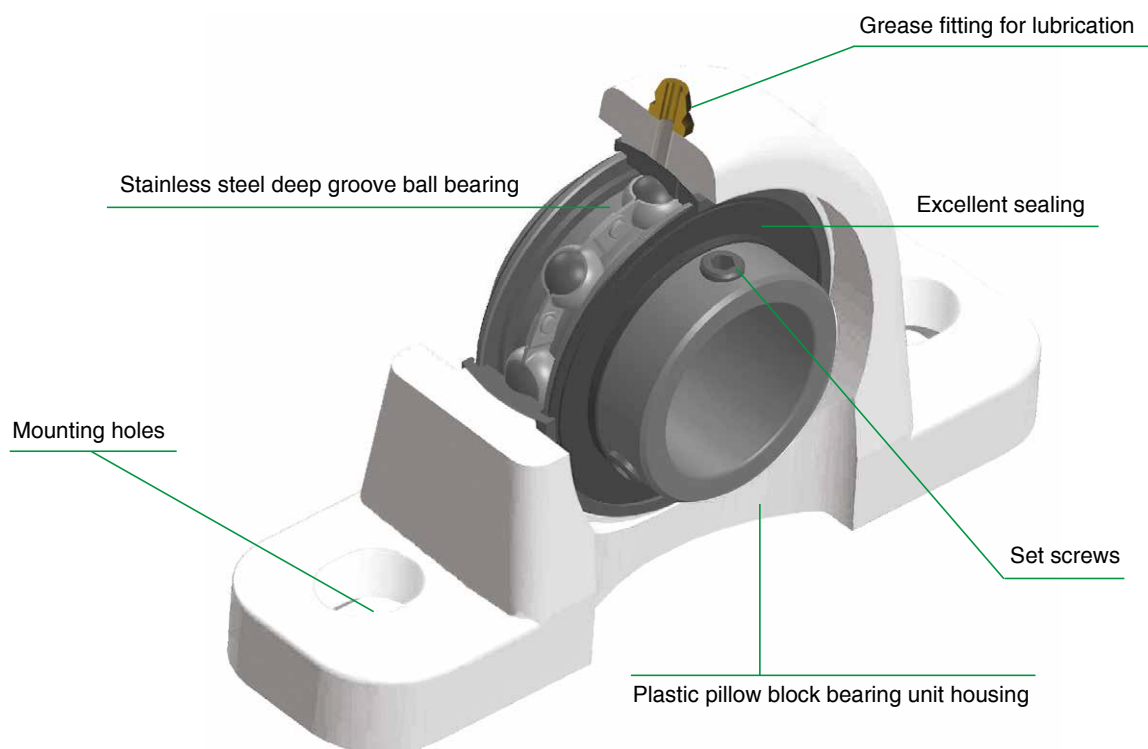


DRIVE
SOLUTIONS

PLASTIC PILLOW BLOCK BEARING UNITS



Plastic pillow block bearing units



Features

- Bearing unit housing made of PBT
- SUC420 stainless steel bearing
- Stainless steel front and rear seals
- Grease fitting for relubrication
- Set screws for enhanced shaft locking
- Mounting holes interchangeable with light-duty series

Advantages

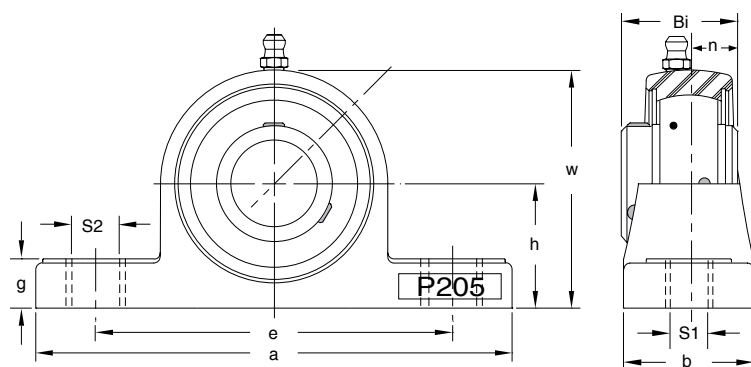
- High resistance to continuous operating temperatures
- Excellent resistance to yielding, even at high temperatures
- High rigidity and hardness
- Excellent abrasion resistance properties
- High dimensional stability
- Excellent resistance to chemicals and atmospheric agents

Part Number	SES	205	UCP	PL
ES ELITESYSTEM® bearing unit				
Size				
Housing shape				
In plastic				

Accessories

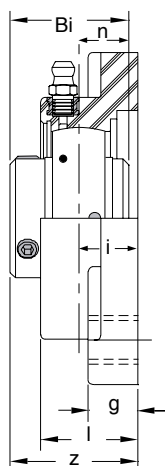
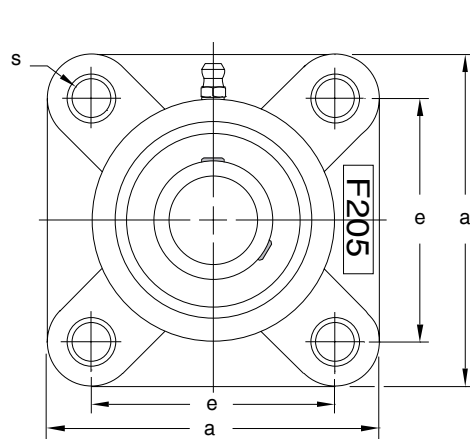
Open and closed end caps available for all sizes.





UCPPL 200 type

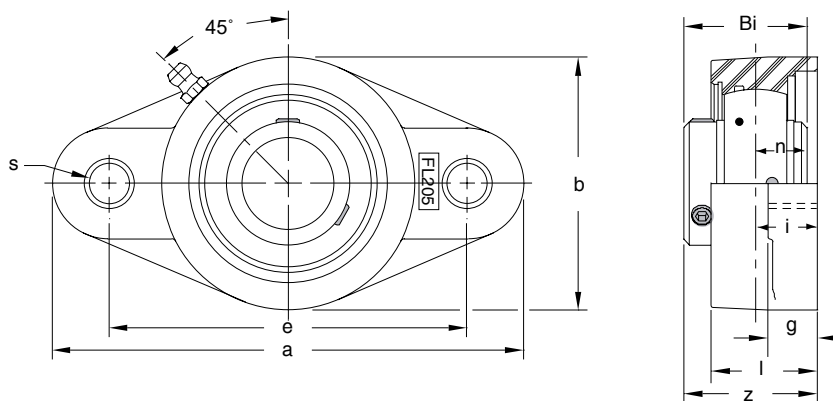
Type	Shaft Ø [mm]	Dimensions [mm]										Mounting bolt [mm]	Bearing no.	Housing no.	Weight [kg]
		h	a	e	b	S1	S2	g	w	Bi	n				
SES201UCPPL	12	33,3	127	95	38	11	14	14,0	65	31,0	12,7	M10	UC201	PPL 203	0,34
SES202UCPPL	15	33,3	127	95	38	11	14	14,0	65	31,0	12,7	M10	UC202	PPL 203	0,33
SES203UCPPL	17	33,3	127	95	38	11	14	14,0	65	31,0	12,7	M10	UC203	PPL 203	0,33
SES204UCPPL	20	33,3	127	95	38	11	14	15,0	65	31,0	12,7	M10	UC204	PPL 204	0,32
SES205UCPPL	25	36,5	141	105	38	11	14	14,4	71	34,0	14,3	M10	UC205	PPL 205	0,40
SES206UCPPL	30	42,9	164	119	46	14	18	18,0	83	38,1	15,9	M12	UC206	PPL 206	0,61
SES207UCPPL	35	47,6	168	127	48	14	18	18,0	94	42,9	17,5	M12	UC207	PPL 207	0,79
SES208UCPPL	40	49,2	183	128	52	14	18	19,0	100	49,2	19,0	M12	UC208	PPL 208	0,93
SES209UCPPL	45	54,0	192	146	54	17	20	23,0	106	49,2	19,0	M16	UC209	PPL 209	1,08
SES210UCPPL	50	57,2	206	159	60	17	20	23,0	114	51,6	19,0	M16	UC210	PPL 210	1,35



UCFPL 200 type

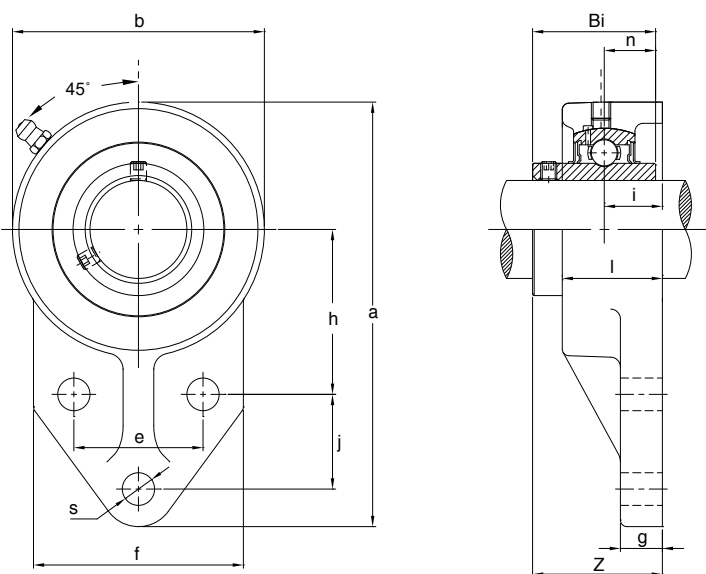
Type	Shaft Ø [mm]	Dimensions [mm]									Mounting bolt [mm]	Bearing no.	Housing no.	Weight [kg]
		a	e	i	g	l	s	z	Bi	n				
SES201UCFPL	12	86	63,5	18,0	13,4	27,8	11	36,3	31,0	12,7	M10	UC201	FPL204	0,34
SES202UCFPL	15	86	63,5	18,0	13,4	27,8	11	36,3	31,0	12,7	M10	UC202	FPL204	0,34
SES203UCFPL	17	86	63,5	18,0	13,4	27,8	11	36,3	31,0	12,7	M10	UC203	FPL204	0,34
SES204UCFPL	20	87	64,0	16,5	14,5	28,0	11	34,8	31,0	12,7	M10	UC204	FPL204	0,34
SES205UCFPL	25	94	69,0	17,0	15,0	28,0	11	36,8	34,1	14,3	M10	UC205	FPL205	0,45
SES206UCFPL	30	108	83,0	19,0	15,0	32,0	11	41,2	38,1	15,9	M10	UC206	FPL206	0,62
SES207UCFPL	35	116	92,0	21,5	15,5	35,0	13	46,9	42,9	17,5	M12	UC207	FPL207	0,78
SES208UCFPL	40	129	102	23,0	17,0	37,5	14	53,2	49,2	19,0	M12	UC208	FPL208	1,03
SES209UCFPL	45	136	105	23,0	20,0	41,0	17	53,2	49,2	19,0	M16	UC209	FPL209	1,18
SES210UCFPL	50	142	111	23,0	21,0	40,0	17	54,6	51,6	19,0	M16	UC210	FPL210	1,35

Note: Available in other colors upon request.



UCFLPL 200 type

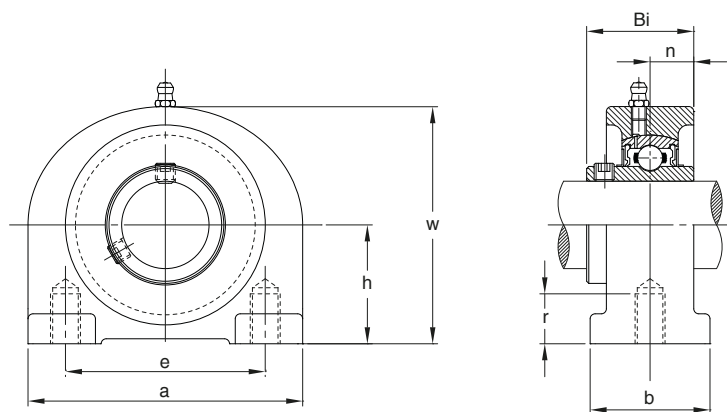
Type	Shaft Ø [mm]	Dimensions [mm]										Mounting bolt [mm]	Bearing no.	Housing no.	Weight [kg]
		a	e	i	g	l	s	b	z	Bi	n				
SES201UCFLPL	12	113	68,0	14,5	12,0	26,5	11	62,0	31,5	31,0	12,7	M10	UC201	FLPL204	0,26
SES202UCFLPL	15	113	68,0	14,5	12,0	26,5	11	62,0	31,5	31,0	12,7	M10	UC202	FLPL204	0,26
SES203UCFLPL	17	113	68,0	14,5	12,0	26,5	11	62,0	31,5	31,0	12,7	M10	UC203	FLPL204	0,26
SES204UCFLPL	20	113	68,0	14,5	12,0	26,5	11	62,0	31,5	31,0	12,7	M10	UC204	FLPL204	0,26
SES205UCFLPL	25	131	99,0	16,5	14,0	28,5	11	68,5	33,5	34,1	14,3	M10	UC205	FLPL205	0,33
SES206UCFLPL	30	148	116,5	17,5	15,0	30,5	11	79,0	35,5	38,1	15,9	M10	UC206	FLPL206	0,50
SES207UCFLPL	35	167	130,5	19,5	19,5	32,0	13	89,0	43,4	42,9	17,5	M12	UC207	FLPL207	0,66
SES208UCFLPL	40	176	144,0	21,5	20,0	35,0	14	100,0	51,7	49,2	19,0	M12	UC208	FLPL208	0,83
SES209UCFLPL	45	188	148,0	24,0	21,0	39,0	17	108,0	54,2	49,2	19,0	M14	UC209	FLPL209	1,05
SES210UCFLPL	50	197	157,0	25,0	21,0	41,0	17	115,0	57,6	51,6	19,0	M14	UC210	FLPL210	1,10



UCFBPL 200 type

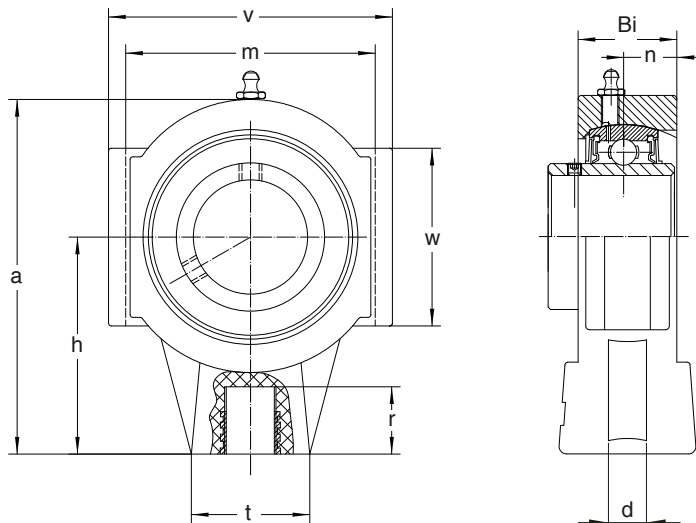
Type	Shaft Ø [mm]	Dimensions [mm]												Mounting bolt [mm]	Bearing no.	Housing no.	Weight [kg]
		b	h	e	f	g	a	i	j	s	l	Bi	n				
SES201UCFBPL	12	62,0	43,3	38,1	60,0	11,4	108	15,9	22,0	10,7	25,4	31	12,7	M10	UC201	FBPL201	0,1
SES202UCFBPL	15	62,0	43,3	38,1	60,0	11,4	108	15,9	22,0	10,7	25,4	31	12,7	M10	UC202	FBPL202	0,1
SES203UCFBPL	17	62,0	43,3	38,1	60,0	11,4	108	15,9	22,0	10,7	25,4	31	12,7	M10	UC203	FBPL203	0,1
SES204UCFBPL	20	62,0	44,3	37,4	60,3	13,0	110	14,8	22,0	10,7	27,4	31	12,7	M10	UC204	FBPL204	0,1
SES205UCFBPL	25	62,0	48,0	40,9	62,5	14,0	123	16,0	28,6	10,7	28,4	34,1	14,3	M10	UC205	FBPL205	0,12
SES206UCFBPL	30	77,6	54,2	47,7	73,7	15,0	139	16,0	31,8	10,7	29,0	38,1	15,9	M10	UC206	FBPL206	0,16
SES207UCFBPL	35	92,5	62,0	50,7	82,3	17,3	157	19,0	32,0	13,1	32,6	42,9	17,5	M12	UC207	FBPL207	0,18
SES208UCFBPL	40	99,4	62,1	50,0	77,0	21,0	165	21,0	41,3	13,1	35,4	49,2	19	M12	UC208	FBPL208	0,24

Note: Available in other colors upon request.



UCPAPL 200 type

Type	Shaft Ø [mm]	Dimensions [mm]								Mounting bolt [mm]	Bearing no.	Housing no.	Weight [kg]
		h	b	w	e	a	Bi	n	r				
SES201UCPAPL	12	30,2	34,5	59,0	52,0	70,0	31,0	12,7	13	M8	UC201	PAPL201	0,13
SES202UCPAPL	15	30,2	34,5	59,0	52,0	70,0	31,0	12,7	13	M8	UC202	PAPL202	0,13
SES203UCPAPL	17	30,2	34,5	59,0	52,0	70,0	31,0	12,7	13	M8	UC203	PAPL203	0,13
SES204UCPAPL	20	30,2	34,5	59,0	52,0	70,0	31,0	12,7	13	M10	UC204	PAPL204	0,13
SES205UCPAPL	25	36,5	38,0	74,5	56,5	84,0	34,0	14,3	14	M10	UC205	PAPL205	0,15
SES206UCPAPL	30	42,9	46,0	86,0	66,0	95,0	38,1	15,9	16	M10	UC206	PAPL206	0,24
SES207UCPAPL	35	47,6	51,3	94,0	80,0	105,8	42,9	17,5	19	M14	UC207	PAPL207	0,28
SES208UCPAPL	40	49,2	54,5	99,6	84,0	112,3	49,2	18,2	19	M14	UC208	PAPL208	0,39
SES209UCPAPL	45	54,2	54,0	108,0	95,3	120,0	49,2	19,0	19	M14	UC209	PAPL209	0,47
SES210UCPAPL	50	57,2	60,0	116,0	94,0	130,0	51,6	19,0	22	M16	UC210	PAPL210	0,56

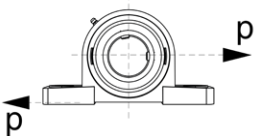
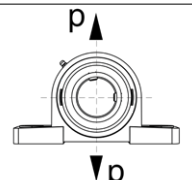
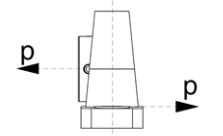


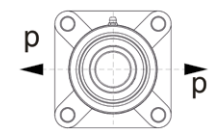
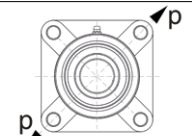
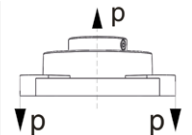
UCTPL 200 type

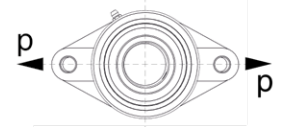
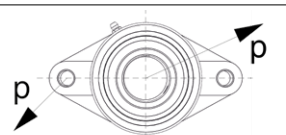
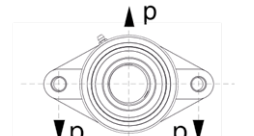
Type	Shaft Ø [mm]	Dimensions [mm]										Mounting bolt [mm]	Bearing no.	Housing no.	Weight [kg]
		h	d	a	v	m	w	t	Bi	n	r				
SES201UCTPL	12	64,0	12	99	88	76	47	36	31,0	12,7	21	M16	UC201	PAPL201	0,18
SES202UCTPL	15	64,0	12	99	88	76	47	36	31,0	12,7	21	M16	UC202	PAPL202	0,18
SES203UCTPL	17	64,0	12	99	88	76	47	36	31,0	12,7	21	M16	UC203	PAPL203	0,18
SES204UCTPL	20	63,4	10	97	86	76	47	36	27,0	12,7	21	M16	UC204	PAPL204	0,18
SES205UCTPL	25	63,5	10	97	86	76	47	36	27,0	14,3	21	M16	UC205	PAPL205	0,19
SES206UCTPL	30	76,0	10	122	99	87	62	40	34,0	15,9	23	M16	UC206	PAPL206	0,29
SES207UCTPL	35	76,0	10	122	99	87	62	40	33,5	17,5	23	M16	UC207	PAPL207	0,24
SES208UCTPL	40	85,0	10	137	112	103	80	40	34,0	19,0	23	M16	UC208	PAPL208	0,31
SES209UCTPL	45	90,0	16	149	117	102	85	50	49,2	19,0	25	M20	UC209	PAPL209	0,43
SES210UCTPL	50	90,0	16	149	117	102	85	50	51,5	19,0	25	M20	UC210	PAPL210	0,47

Note: Available in other colors upon request.

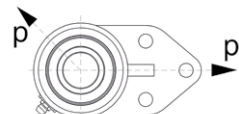
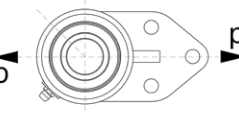
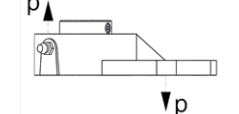
Thermoplastic housing breaking load [N]

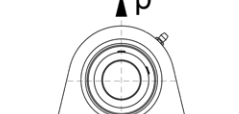
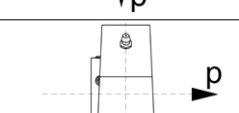
Loading condition	Breaking load [N] - UCPPL						
Type	204	205	206	207	208	209	210
	8800	13700	12650	12750	13100	13360	13850
	7700	10000	10600	10800	11100	11400	11750
	5000	8100	5750	7500	8500	8950	9550

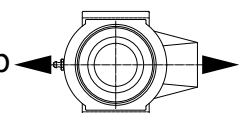
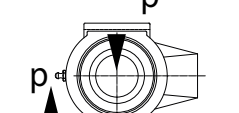
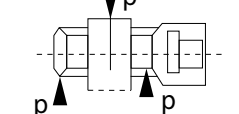
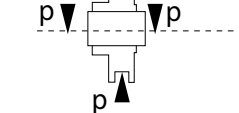
Loading condition	Breaking load [N] - UCFPL						
Type	204	205	206	207	208	209	210
	15950	13000	18000	18500	19100	19350	19650
	10250	12150	17700	18500	19250	19350	19620
	3650	3350	3350	3520	3790	3850	3990

Loading condition	Breaking load [N] - UCFLPL						
Type	204	205	206	207	208	209	210
	11750	11375	16450	16900	17350	17600	17950
	11000	13850	13350	13950	14050	14300	14550
	8500	11100	14200	14900	15150	15350	15650

Thermoplastic housing breaking load [N]

Loading condition	Breaking load [N] - UCFBPL						
Type	204	205	206	207	208	209	210
	-	-	-	7200	9100	12200	12900
	-	-	-	9200	11100	11800	11900
	-	-	-	2600	2800	2900	3100

Loading condition	Breaking load [N] - UCPAPL						
Type	204	205	206	207	208	209	210
	8210	8540	10370	12150	12230	12900	13850
	6900	7010	6580	8080	9100	10400	11050
	2980	2850	4950	8160	9800	10710	11360

Loading condition	Breaking load [N] - UCTPL						
Type	204	205	206	207	208	209	210
	14800	15500	15800	16500	17300	18210	18860
	3930	4530	5100	6500	7800	8710	9750
	8500	10350	10900	11300	12150	13900	13550
	40770	45300	46100	44100	42800	44230	44880



DRIVE
SOLUTIONS

SIT S.p.A.
Viale A. Volta, 2
20047 Cusago (MI) - Italy
Tel. +39.02.89144.1
Fax +39.02.89144.293
export@sitspa.it
www.sitspa.com

Factory
Via G. Carminati, 15
24012 Val Brembilla (BG) - Italy

AUTHORIZED DISTRIBUTOR

SIT GERMANY
SIT ANTRIEBSELEMENTE GmbH
Rieseler Feld 9 (Gewerbegebiet West)
D - 33034 Brakel
Tel. +49 52 72 39 28 0
Fax +49 52 72 39 28 90
E-mail: info@sit-antriebselemente.de
Web: www.sit-antriebselemente.de

SIT SWITZERLAND
SIT (Schweiz) AG
Lenzbüel 13
CH - 8370 Sirmach
Tel. +41 71 969 50 00
Fax +41 71 969 50 01
E-mail: info@sit-antriebstechnik.ch
Web: www.sit-antriebstechnik.ch

SIT SPAIN
DINAMICA DRIVE SOLUTIONS S.A.
Ctra. N-II, Km 592,6
E - 08740 S. Andreu De La Barca
(Barcelona)
Tel. +34 93 653 35 00
Fax +34 93 653 35 08
E-mail: dinamica@dinamica.net
Web: www.dinamica.net

SIT FRANCE
FOGEX SAS
215, Rue Henri Barbusse
F - 95100 Argenteuil
Tel. +33 1 34 34 46 00
Fax +33 1 34 34 46 01
E-mail: info@fogex.com
Web: www.fogex.com

SIT USA
SIT ELATECH, INC.
11540-A Cordage St
NC - 28273 Charlotte
Tel. +1 704 357 8811
Fax +1 704 357 8866
E-mail: info@sit-elatech.com
Web: www.sit-elatech.com

SIT CHINA
SIT ELATECH (SHANGHAI) LTD.
Room 804, Building 2, Alley 8666
Hunan Highway
Pudong New District
PRC - 201314 Shanghai
Tel. +86 021 51082206
Fax +86 021 64863511
E-mail: info@sit-shanghai.com
Web: www.sit-shanghai.com

SIT INDIA
SIT PTC INDIA PRIVATE LIMITED
S. No. 353/A, Gaundara Road,
A/p. Gaundara, Shriram Nagar,
Khed-Shivapur, Tal.: - Haveli,
Dist.: Pune - 412205
Tel. +91 9158 5921 11
E-mail: a.nangre@sitspa.com
Web: www.sitspa.com