



APEX PRECISION MECHATRONIX PVT.LTD.

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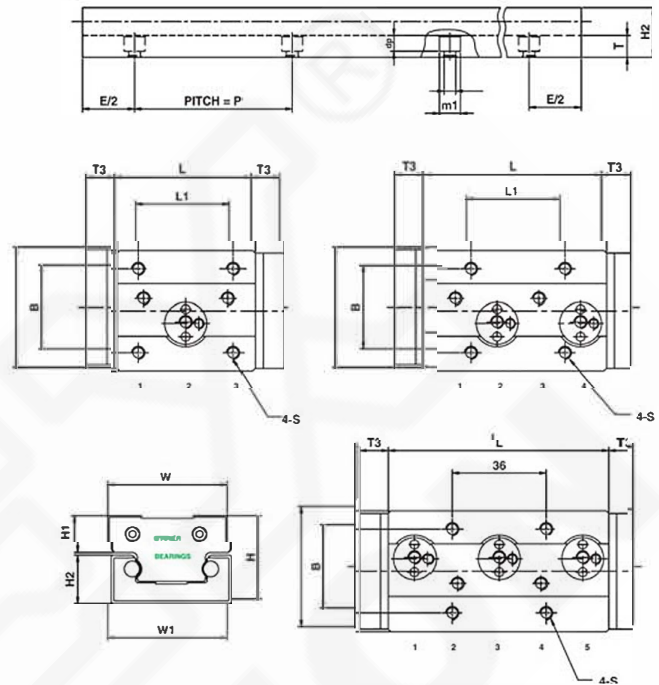
PHONE NO.

61464444 / 9967550131

EMAIL

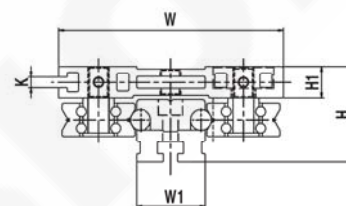
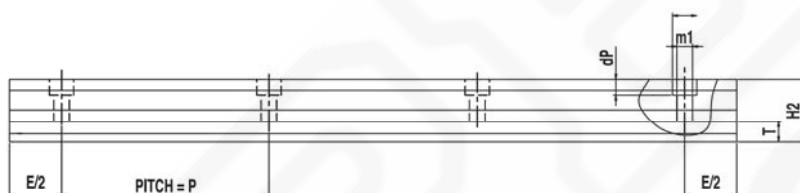
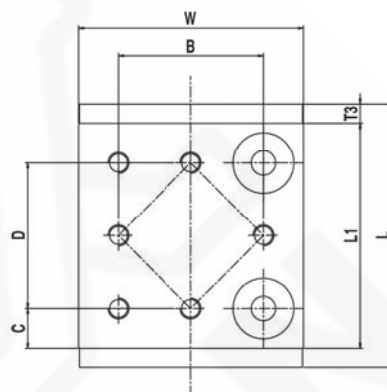
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SG TYPE



SG	Whole system		Speed Guide® Rail SGR										Speed Guide® Block SGB														SG			
SGR SGB	H	W	W ₁	H ₂	dp	P	shaft	Weight (g/m)	T	m ₁	m	W	H	L	B	L ₁	S	T ₃	Bearing q _{1/2}	Eccentric position	Basic dynamic safe working load(N)		Dynamic moment (N-m)			Weight (g/ea)	SGR	SGB		
																						Y ₀	Z ₀	M _{x0}	M _{y0}	M _{z0}				
-3														47					3	2								-3		
10	23	28	28	14	3.3	60	5	1,051	4.5	6.5	3.4	28	8	63	21	18	M4	4	2,4	343	322	6.4	6.8	7.1	70	10	-4			
-5														78				5	2,4,5								-5			
-3														60					3	2	490	460	7.4	7.8	10.2	105	-3			
15N	32	44	38	18.5	6	120	6	1,651	8	8	4.5	44	12	80	26	26	M5	11	4	2,4	700	660	13.2	14	14.5	140	15N	-4		
-5														100				5	2,4,5	980	920	20.3	37	39	170	-5				
-3														52					3	2	490	460	9.2	9.8	13.8	110	-3			
15	32	46	46	18.5	6	120	6	1,784	8	8	4.5	46	12	68	32	36	M5	11	4	2,4	700	660	19.8	21.1	22.4	145	15	-4		
-5														84				5	1,3,5	980	920	27.7	44.3	47	185	-5				
-3														80					3	2	820	700	15.4	21.5	29.4	195	-3			
20N	36	47	47	22.5	6	120	8	2,427	9	9.5	5.5	47	12	106	38	30	M6	11	4	2,4	1400	1000	42	52	61.6	265	20N	-4		
-5														132				5	2,4,5	1960	1400	58.8	92.4	129	325	-5				
-3														72					3	2	820	700	18.2	25.4	42.1	210	-3			
20	36	60	60	22.5	6	120	8	2,744	9	9.5	5.5	60	12	94	50	40	M6	11	4	2,4	1400	1000	44	60.2	72.8	280	20	-4		
-5														116				5	2,4,5	1960	1400	84.2	109.2	152.8	350	-5				
-3														100					3	2	1470	1260	41.58	48.51	67.62	460	-3			
25	44	70	69	26	7	120	10	3,873	10	11	6.6	70	16.65	133	57	45	M8	11	4	2,4	2100	1800	96.6	118.8	138.6	615	25	-4		
-5														166				5	2,4,5	2940	2520	135	249.48	291.06	775	-5				
-3														140					3	2	2800	2380	126	135	159.6	1100	-3			
35	55	100	90	35	8.5	160	12	6,442	12	14	9	100	18	185	82	62	M10	11	4	2,4	4000	3400	228	360	478	1450	35	-4		
-5														230				5	2,4,5	5600	4760	319.2	756	758	1835	-5				

OSG TYPE



Whole			Speed Guide® Rail OSGR																	Speed Guide® Block OSGB									
Type	W	H	W1	H2	T	shaft	weight (g/m)	m	m1	dP	P	W	H1	L	B	L1	S	T3	C	D	K	Basic dynamic safe working load(N)		Dynamic moment (N-m)			weight (g/ea)	Type	
																						Yo	Zo	Mxo	Myo	Mzo			
																													
OSG-20	60	32	20	20.25	11.45	6	1230	5.5	9.5	5.5	60	60	12	80	38	60	M5	11	11	38	4.3	700	660	23.03	33.41	35.47	120	OSG-20	
OSG-25	80	37	25	24.75	13.93	8	2015	6.6	11	6.5	60	80	12	100	51	80	M6	11	14.5	51	4.2	1400	1000	62.76	68	95.2	240	OSG-25	
OSG-30	100	46	30	30.3	16.18	10	2987	6.6	11	6.5	60	100	16.5	120	61	100	M8	11	19.5	61	5.2	2100	1800	105.98	147.89	172.54	520	OSG-30	
OSG-40	130	55	40	36.2	18.7	12	5216	9	14	9	60	130	18	150	84	130	M12	11	23	84	6.2	4000	3400	280.64	380	448	1130	OSG-40	

