LINEAR MOTION

LUDE TRANSMISSION

Servo Cylinder Catalogue

Product category

Linear motion idea

The compact integrations of the motor and gear reducer with the acme screw, ball screw and the satellite roller screw, unique advantages in terms of the price and the performance provide much more space to the engineer for designing. The new idea dispensed with the consideration of the hydraulic and pneumatic leakage as well as the pipes and valves.

Self-locking: The majority of the products possess the self-locking function, thus increasing the performance security.
Positioning: the positioning accuracy can reach 0.1mm, and the positioning accuracy of servo actuator can reach 6um.
Precise control: equipped with encoder/potentiometer/ rotary transformator, the closed loop positioning can also be realized through the inverter, PLC controller and the servo controller.
Synchronousness: the synchronous lifting can be achieved through the mechanical connection of multiple screw actuators and screw jacks
Overload protection: can be equipped with the safety clutch, and the over-load sensor.
High load capacity: wide range of load capacity from 5kg to 250 ton, with the stroke 6 meters to the maximum.
High speed: the speed of the of the roller screw actuator can reach 2m/s, the continuous traveling life is 15 times than that of the ball screw actuators.
Others: Easy maintenance, low noise, can work normally under the harsh environment of high/low temperature, corrosive and explosive-prone environment.

Product category

Linear actuator

LAP Series

LBP Series

Screw Jack

SJA Series

SJB Series

SC Screw Jack

SCA Series

SCB Series

Servo Actuator

DMB Series

DMB Series

DMB Series Servo actuator

Working principle

DMB Servo actuator use a designed ball screw mechanism for converting electric motor power in to linear motion within the actuator, and converting precise revolution control , precise torque , precised speed in to precise speed , position and load control. Widely apply in high precision machining, testing, 6DOF, Injection,Robot, Valve control, Machine tool, etc,

Performance DMB

Load Range: 10Kg-10Ton

Stroke : 2000mm

Duty cycle: 100%

Can be order to accept all the motor type to meet your requirement , whether servo motor or stepper motor.

Precise force control, Force precision 5% , Optional load sensor increase precision to 1%

High acceleration and reaction time

High rigidity and shock resistance

Long lifetime , lower noise and simply maintenance

Features

DMB series servo actuator could work trouble free in harsh environment with high strength,speed and precision. Anti-rotation device assured precision position control and security.

Low Maintenance Cost

The servo actuator only need lubricate regularly, the maintenance cost is much lower than hydraulic system.

Replacement of Hydraulic and Pneumatic actuator

Electric servo linear actuator are best replacement of Hydraulic and Pneumatic actuator, to reduce leakage and more environmental.

Flexibility

Flexible mounting : Front flange, rear flange , side flange, rear clevis , trunnion etc. Actuator can be inline or parallel with motor. Multiform accessory , Limit switch, planet gear reducer, pre-load etc.

Harsh application

Protection class IP55/IP56 will satisfy with most of out door harsh ambient such as Paper， chemical, Welding application.

Coding：

Series	Size	Lead	Stroke	Mounting	Front attachment	Input version	Accessories	Motor
	05	5	100	FF-----Front Flange	BA-----Female thread	NMT-Drive shaft Only	AR---Anti-Rotate device	Lenze
DMB Series	10	10	200	RF-----Rear Flange	FM----Male thread	G05-Planetary gearing5:1 ratio	FCM--Magnetic reed switches	Siemens
	20	20	300	RC-----Rear clevis	ROE---Rod end	GX-Planetary gearing special ratio	FCP--Inductive proximity switches	Yaskawa
	30	25	400	ST-----Trunnion	TS-----Ball joint	SC-Inline including motor flange	SP---Rear bracket	Panasonnic
	40	30	500	SH-----Side mount	FO-----Clevis end	P10-Parallel 1:1 ratio	B----Bellow	Mitsubishi
	50	50	600	SF-----Side Flange	FL------Flange end	P20-Parallel 2:1 ratio	PF---Pre-load	FUJI
	60		700	GM----Guide mountion	TC------Bearing support		PL---Load Sensor	Other
	80		800		FZ------Anti-impact attachment			
	100		900					
	200		1000					
			Specical					

Coding
IMB - 40 - 10 - 300 - FF - FO - P10 - FCP - SGMGH20A A

Lifetime calculation:

Theoretically Ball screw lifetime L10 is 90% of stroke ability that screw could reach before metal fatigue, Unit is million millimeter. Theoretically lifetime is not guarantee lifetime. In order to reach max. Lifetime the screw need been appropriate maintainece and lubricate.

If the theoretically lifetime need higher than 90%, need multiply follow coefficient

95%: L10 x 62%　96%: L10 x 53%　97%: L10 x 44%
98%: L10 x 33%　99%: L10 x 21%

Standard Nut lifetime calculation

$L10 = (C/Fm)^3 \times S$

L10： Theoretically Lifetime km

C: Rated Dynamic load N　S：Screw Lead mm

Pre-load Nut lifetime calculation

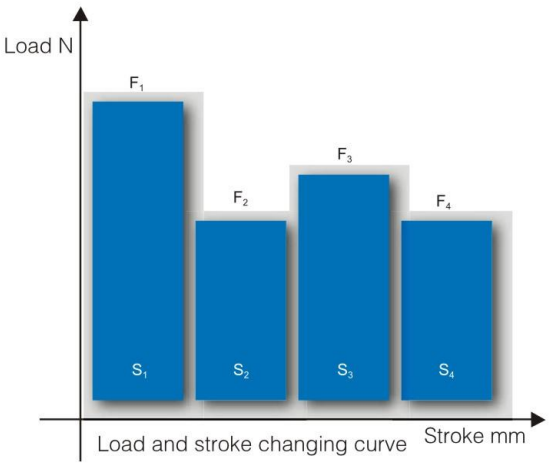
$L10 = (L10 (1)^{-10/9} + L10(2)^{-10/9})^{-9/10}$

L10(1) Extending direction theoretically lifetime, formula same as standard nut

L10(2) Retract direction theoretically lifetime , formula same as standard nu

Mean load calculation

In order to calculate accurate lifetime of roller screw, we need get weighted mean load.



$$F_m = \sqrt[3]{\frac{F_1^3 S_1 + F_2^3 S_2 + F_3^3 S_3 + F_4^3 S_4}{S_1 + S_2 + S_3 + S_4}}$$

The dynamic load rating of zero backlash, pre-loaded screws is 63% of the dynamic load rating of standard non-preloaded screws, The calculated lifetime of preloaded screw will be 25% of the calculated lifetime of same size standard non-preloaded screw.

DMB SERIES COMPACT SERVO LINEAR ACTUATOR：

Load range: From 10KG - 5 Ton

Stroke Max.2 Meter.

Duty cycle :100%

High Efficiency rolled ball scrwe

Positioning Accuracy 0.05mm, Equip with position sensor can reach 0.02mm

Precise force control, control precision 5%, Equip with Load sensor can reach 1%

Precise speed control

Holding force in any position

High response time and Acceleration to reach 10Hz

High stiffness

Long lifespan , Easy Maintenance

Performance table:

Model	DMB05		DMB10	DMB20		DMB30			DMB35			DMB40			DMB50			DMB60	
Lead mm	2	4	4	5	10	5	10	25	5	10	20	5	10	20	5	10	20	10	20
Rated Push Load KN	0.3	0.35	0.6	5	4.8	8.5	13	8.7	10	15	10	11	25	15	22	50	30	55	60
Max. Speed mm/s	100	200	200	250	500	166	332	830	208	417	833	142	283	567	112	225	450	175	350
Torque at max. Force Nm	0.14	0.28	0.54	5.529	10.7	9.399	28.75	48.89	12.4	37.2	49.7	16.587	61.925	66.348	24.08	110	131.37	121.64	265.39
Dynamic load of Ball Screw KN	2	4	5	5.7	7.1	9.4	15.6	16.5	19	36.8	19	20	26.3	29	26	83.5	45.7	67.1	114.4
Parallel mounting inertia $kgm^2 10^{-4}$	0.026	0.028	0.042	0.100	0.188	1.388	2.409	2.527	3.563	5.698	6.036	14.538	14.610	14.913	78.739	78.913	79.609	82.79	83.545
Inline coupling inertia $kgm^2 10^{-4}$	0.012	0.013	0.027	0.080	0.088	0.763	0.784	0.903	3.006	4.569	5.874	5.346	5.418	5.721	32.619	32.793	33.489	53.36	54.127
Inertia/100mm $kgm^2 10^{-4}$	0.008	0.008	0.016	0.052	0.056	0.303	0.309	0.355	1.023	1.069	1.127	1.976	1.989	2.041	4.83	4.83	4.83	12.1	12.1
Max. Stroke mm	300		400	550		900			1000			1000			1500			2000	
Max. input rpm	4500		4000	3000		2000			2500			1250			1500			1000	
Max. Acceleration m/s^2	1	6	3	3	6	3	6	10	3	6	8	3	6	10	3	6	10	6	10
Weight（Without motor）kg	0.72	0.75	1.27	6.9		16.2			21			25.4			76.9			120.3	
Weight per 100mm stroke kg	0.324	0.33	0.5	1		1.9			2.8			3.4			4.8			6.5	
Max.idling angle	±0.3	±0.3	±0.3	±0.25		±0.25			±0.25			±0.25			±0.25			±0.25	
Axial backlash mm	0.04		0.05	0.06		0.08			0.05			0.1			0.05-0.06			0.06	
Lead Tollerance within 300mm/mm	0.05		0.05	0.05		0.05			0.05			0.05			0.023			0.05	
Repeat accuracy mm	0.03		0.03	0.03		0.03			0.03			0.03			0.02			0.03	

DMB05 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 3000rpm mm/s	Actual load N										Max.linear speed mm/s
					300		200		100		50		25		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB05-02	2	Parallel 1:1	NON	100	0.046	0.146	0.031	0.097	0.016	0.049	0.008	0.025	0.004	0.013	166
			1:3	33	0.016	0.051	0.011	0.034	0.006	0.017	0.003	0.009	0.002	0.005	53
			1:5	20	0.010	0.031	0.007	0.020	0.003	0.010	0.002	0.005	0.001	0.003	32
			1:10	10	0.005	0.015	0.003	0.010	0.002	0.005	0.001	0.003	0.0005	0.002	16
			1:20	5	0.003	0.008	0.002	0.005	0.001	0.003	0.0005	0.002	0.0003	0.001	8
			1:50	2	0.001	0.003	0.001	0.002	0.0003	0.001	0.0002	0.0005	0.0001	0.0003	3
		Parallel 2:1	NON	50	0.023	0.073	0.016	0.049	0.008	0.025	0.004	0.013	0.002	0.007	80
		Inline shaft coupling 1:1	NON	100	0.042	0.013	0.028	0.088	0.015	0.045	0.007	0.023	0.004	0.012	166
			1:3	33	0.015	0.046	0.010	0.031	0.005	0.015	0.003	0.008	0.002	0.005	53
			1:5	20	0.009	0.028	0.006	0.020	0.027	0.009	0.002	0.005	0.001	0.003	32
			1:10	10	0.005	0.014	0.003	0.010	0.002	0.005	0.001	0.003	0.0005	0.002	16
			1:20	5	0.003	0.007	0.002	0.005	0.001	0.003	0.0005	0.002	0.0003	0.001	8
			1:50	2	0.001	0.003	0.001	0.002	0.003	0.001	0.0002	0.0005	0.0001	0.0003	3
					350		200		100		50		25		
DMB05-10	10	Parallel 1:1	NON	200	0.097	0.310	0.055	0.177	0.028	0.089	0.014	0.045	0.007	0.025	320
			1:3	66	0.034	0.109	0.019	0.062	0.010	0.031	0.005	0.015	0.003	0.008	105
			1:5	40	0.020	0.065	0.011	0.037	0.006	0.019	0.003	0.010	0.002	0.005	60
			1:10	20	0.010	0.033	0.006	0.019	0.003	0.010	0.002	0.005	0.001	0.003	30
			1:20	10	0.005	0.017	0.003	0.010	0.002	0.005	0.001	0.003	0.0005	0.002	15
			1:50	4	0.002	0.007	0.001	0.004	0.0005	0.002	0.0003	0.001	0.0002	0.0005	6
		Parallel 2:1	NON	100	0.049	0.155	0.028	0.089	0.014	0.045	0.007	0.025	0.004	0.013	166
		Inline shaft coupling 1:1	NON	200	0.088	0.282	0.050	0.161	0.025	0.081	0.013	0.040	0.007	0.020	320
			1:3	66	0.031	0.099	0.018	0.057	0.009	0.028	0.005	0.014	0.003	0.007	105
			1:5	40	0.018	0.059	0.010	0.034	0.005	0.017	0.003	0.009	0.002	0.005	60
			1:10	20	0.009	0.030	0.005	0.017	0.003	0.009	0.002	0.005	0.001	0.003	30
			1:20	10	0.005	0.015	0.003	0.010	0.002	0.005	0.001	0.003	0.0005	0.002	15
			1:50	4	0.002	0.006	0.001	0.003	0.0005	0.002	0.0003	0.001	0.0002	0.0005	6

DMB10 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 3000rpm mm/s	Actual load N										Max.linear speed mm/s
					600		400		200		100		50		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB10-04	4	Parallel 1:1	NON	200	0.177	0.562	0.118	0.375	0.059	0.188	0.030	0.094	0.015	0.047	333
			1:3	67	0.062	0.197	0.041	0.132	0.021	0.066	0.011	0.033	0.006	0.017	111
			1:5	40	0.037	0.118	0.025	0.079	0.012	0.040	0.006	0.020	0.003	0.010	67
			1:10	20	0.019	0.059	0.013	0.040	0.006	0.020	0.003	0.010	0.002	0.005	33
			1:20	10	0.010	0.030	0.007	0.020	0.003	0.010	0.002	0.005	0.001	0.003	17
			1:50	4	0.004	0.012	0.003	0.008	0.001	0.004	0.001	0.002	0.0003	0.001	7
		Parallel 2:1	NON	100	0.089	0.281	0.059	0.188	0.030	0.094	0.015	0.047	0.008	0.024	167
		Inline shaft coupling 1:1	NON	200	0.161	0.511	0.107	0.341	0.054	0.171	0.027	0.085	0.014	0.043	333
			1:3	67	0.056	0.179	0.037	0.120	0.019	0.060	0.010	0.030	0.005	0.015	111
			1:5	40	0.034	0.107	0.023	0.072	0.011	0.364	0.005	0.018	0.003	0.009	67
			1:10	20	0.017	0.054	0.012	0.036	0.006	0.182	0.003	0.009	0.002	0.005	33
			1:20	10	0.009	0.027	0.006	0.018	0.003	0.091	0.002	0.005	0.001	0.003	17
			1:50	4	0.003	0.011	0.002	0.007	0.001	0.036	0.001	0.002	0.0003	0.001	7

DMB20 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 3000rpm mm/s	Actual load N										Max.linear speed mm/s
					5000		3500		1500		1000		500		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB20-05	5	Parallel 1:1	NON	250	1.912	6.088	1.339	4.262	0.574	1.827	0.383	1.218	0.191	0.609	275
			1:3	83	0.671	2.136	0.470	1.495	0.201	0.641	0.134	0.427	0.067	0.214	92
			1:5	50	0.403	1.282	0.281	0.897	0.121	0.385	0.081	0.237	0.040	0.128	55
			1:10	25	0.202	0.641	0.141	0.449	0.061	0.193	0.041	0.119	0.020	0.064	28
			1:20	13	0.101	0.321	0.071	0.225	0.031	0.097	0.021	0.060	0.010	0.032	15
			1:50	5	0.040	0.128	0.028	0.090	0.012	0.039	0.008	0.024	0.004	0.013	6
		Parallel 2:1	NON	125	0.956	3.044	0.670	2.131	0.287	0.914	0.192	0.609	0.096	0.305	138
		Inline shaft coupling 1:1	NON	250	1.738	5.535	1.217	3.875	0.522	1.661	0.348	1.107	0.174	0.554	275
			1:3	83	0.610	1.942	0.427	1.359	0.183	0.583	0.122	0.388	0.061	0.195	92
			1:5	50	0.366	1.165	0.255	0.815	0.110	0.350	0.074	0.215	0.036	0.116	55
			1:10	25	0.184	0.583	0.128	0.408	0.055	0.118	0.037	0.108	0.018	0.058	28
			1:20	13	0.092	0.292	0.065	0.205	0.028	0.088	0.019	0.055	0.009	0.029	15
			1:50	5	0.037	0.117	0.026	0.082	0.011	0.035	0.007	0.022	0.004	0.012	6
					4800		3500		1500		1000		500		
DMB20-10	10	Parallel 1:1	NON	500	3.531	11.240	2.575	8.196	1.104	3.513	0.736	2.342	0.368	1.171	550
			1:3	167	1.239	3.944	0.904	2.876	0.387	1.233	0.258	0.822	0.129	0.411	184
			1:5	100	0.743	2.366	0.542	1.718	0.232	0.740	0.155	0.493	0.077	0.247	110
			1:10	50	0.372	1.183	0.271	0.859	0.116	0.370	0.078	0.247	0.039	0.124	56
			1:20	25	0.186	0.592	0.136	0.430	0.058	0.185	0.039	0.124	0.020	0.062	30
			1:50	10	0.074	0.237	0.054	0.172	0.023	0.074	0.016	0.049	0.008	0.025	12
		Parallel 2:1	NON	250	1.766	5.620	1.288	4.098	0.552	1.756	0.368	1.171	0.184	0.586	275
		Inline shaft coupling 1:1	NON	500	3.210	10.218	2.341	7.451	1.004	3.194	0.669	2.129	0.335	1.065	550
			1:3	167	1.126	3.585	0.822	2.615	0.352	1.121	0.235	0.747	0.117	0.374	184
			1:5	100	0.675	2.151	0.493	1.562	0.211	0.673	0.141	0.448	0.070	0.225	110
			1:10	50	0.338	1.076	0.247	0.781	0.106	0.337	0.071	0.224	0.035	0.113	56
			1:20	25	0.169	0.538	0.124	0.391	0.053	0.169	0.036	0.112	0.018	0.057	30
			1:50	10	0.068	0.215	0.049	0.156	0.021	0.067	0.014	0.045	0.007	0.023	12

DMB30 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 1500rpm mm/s	Actual load N										Max.linear speed mm/s
					8500		6000		4000		2000		1000		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB30-05	5	Parallel 1:1	NON	125	1.661	10.574	1.172	7.464	0.782	4.976	0.391	2.488	0.195	1.244	166
			1:3	42	0.583	3.710	0.411	2.619	0.274	1.746	0.137	0.873	0.069	0.437	55
			1:5	25	0.350	2.226	0.247	1.571	0.165	1.048	0.082	0.524	0.041	0.262	33
			1:10	13	0.175	1.113	0.123	0.786	0.082	0.524	0.041	0.262	0.021	0.131	17
			1:20	6	0.092	0.587	0.065	0.415	0.043	0.276	0.022	0.138	0.011	0.069	9
			1:50	3	0.037	0.235	0.026	0.166	0.017	0.111	0.009	0.055	0.004	0.028	5
		Parallel 2:1	NON	63	0.830	5.287	0.586	3.732	0.391	2.488	0.195	1.244	0.098	0.622	83
		Inline shaft coupling 1:1	NON	125	1.476	9.399	1.042	6.635	0.695	4.423	0.347	2.212	0.174	1.106	166
			1:3	42	0.518	3.298	0.366	2.328	0.244	1.552	0.122	0.776	0.061	0.388	55
			1:5	25	0.311	1.979	0.219	1.397	0.146	0.931	0.073	0.466	0.037	0.233	33
			1:10	13	0.155	0.989	0.110	0.698	0.073	0.466	0.037	0.233	0.018	0.116	17
			1:20	6	0.082	0.522	0.058	0.369	0.039	0.246	0.019	0.123	0.010	0.061	9
			1:50	3	0.033	0.209	0.023	0.147	0.015	0.098	0.008	0.049	0.004	0.025	5
					12500		10000		8000		5000		2500		
DMB30-10	10	Parallel 1:1	NON	250	4.781	30.442	3.825	24.354	3.060	19.483	1.913	12.177	0.957	6.089	332
			1:3	83	1.678	10.683	1.342	8.545	1.074	6.836	0.671	4.273	0.336	2.136	110
			1:5	50	1.007	6.409	0.805	5.127	0.644	4.102	0.403	2.564	0.201	1.282	66
			1:10	25	0.503	3.205	0.403	2.564	0.322	2.051	0.202	1.282	0.101	0.641	34
			1:20	13	0.252	1.603	0.202	1.282	0.161	1.026	0.101	0.641	0.051	0.321	18
			1:50	5	0.101	0.641	0.081	0.513	0.064	0.410	0.040	0.256	0.020	0.128	10
		Parallel 2:1	NON	125	2.391	15.221	1.913	12.177	1.530	9.742	0.957	6.089	0.479	3.045	166
		Inline shaft coupling 1:1	NON	250	4.346	27.675	3.477	22.140	2.782	17.712	1.739	11.070	0.870	5.535	332
			1:3	83	1.525	9.712	1.220	7.768	0.976	6.215	0.610	3.885	0.305	1.942	110
			1:5	50	0.915	5.826	0.732	4.661	0.585	3.729	0.366	2.331	0.183	1.165	66
			1:10	25	0.457	2.914	0.366	2.331	0.293	1.865	0.184	1.165	0.092	0.583	34
			1:20	13	0.229	1.457	0.183	1.166	0.147	0.933	0.092	0.583	0.046	0.292	18
			1:50	5	0.091	0.583	0.073	0.466	0.059	0.373	0.037	0.233	0.018	0.117	10

Model	Lead mm	Reducer	Ratio	Speed at 1500rpm mm/s	Actual load N										Max.linear speed mm/s
					8500		5000		2500		1000		500		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB30-25	25	Parallel 1:1	NON	625	7.650	48.707	4.781	30.442	2.391	15.220	0.952	6.088	0.476	3.044	830
			1:3	208	2.684	17.090	1.678	10.681	0.839	5.340	0.334	2.136	0.167	1.068	275
			1:5	125	1.611	10.254	1.006	6.409	0.503	3.204	0.200	1.281	0.100	0.641	165
			1:10	63	0.805	5.127	0.503	3.204	0.252	1.602	0.100	0.641	0.050	0.320	85
			1:20	31	0.403	2.564	0.252	1.602	0.126	0.801	0.050	0.321	0.025	0.160	43
			1:50	13	0.161	1.025	0.100	0.641	0.050	0.320	0.020	0.128	0.010	0.064	17
		Parallel 2:1	NON	313	3.825	24.354	2.391	15.221	1.196	7.610	0.476	3.044	0.238	1.522	415
		Inline shaft coupling 1:1	NON	625	6.955	44.279	4.346	27.675	2.174	13.836	0.865	5.535	0.433	2.767	830
			1:3	208	2.440	15.536	1.525	9.710	0.763	4.855	0.304	1.942	0.152	0.971	275
			1:5	125	1.465	9.322	0.915	5.826	0.457	2.913	0.182	1.165	0.091	0.583	165
			1:10	63	0.732	4.661	0.457	2.913	0.229	1.456	0.091	0.583	0.455	0.291	85
			1:20	31	0.366	2.331	0.229	1.456	0.115	0.728	0.045	0.292	0.023	0.145	43
			1:50	13	0.146	0.932	0.091	0.583	0.045	0.291	0.018	0.116	0.009	0.058	17

DMB35 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 1500rpm mm/s	Actual load N										Max.linear speed mm/s
					10000		8000		6000		2500		1500		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB35-05	5	Parallel 1:1	无	125	1.954	12.440	1.563	9.952	1.172	7.464	0.488	3.110	0.293	1.866	208
			1:3	42	0.686	4.365	0.548	3.492	0.411	2.619	0.171	1.091	0.103	0.655	69
			1:5	25	0.411	2.619	0.329	2.095	0.247	1.571	0.103	0.655	0.062	0.393	42
			1:10	13	0.206	1.310	0.165	1.048	0.123	0.786	0.051	0.327	0.031	0.196	21
			1:20	6	0.109	0.691	0.087	0.553	0.065	0.415	0.027	0.173	0.016	0.104	10
			1:50	3	0.043	0.276	0.035	0.221	0.026	0.166	0.011	0.069	0.007	0.041	4
		Parallel 2:1	NON	63	0.977	6.220	0.782	4.976	0.586	3.732	0.244	1.555	0.147	0.933	104
		Inline shaft coupling 1:1	NON	125	1.737	11.058	1.389	8.846	1.042	6.635	0.434	2.765	0.261	1.659	208
			1:3	42	0.609	3.880	0.488	3.104	0.366	2.328	0.152	0.970	0.091	0.582	69
			1:5	25	0.366	2.328	0.293	1.862	0.219	1.397	0.091	0.582	0.055	0.349	42
			1:10	13	0.183	1.164	0.146	0.931	0.110	0.698	0.046	0.291	0.027	0.175	21
			1:20	6	0.096	0.614	0.077	0.491	0.058	0.369	0.024	0.154	0.014	0.092	10
			1:50	3	0.039	0.246	0.031	0.197	0.023	0.147	0.010	0.061	0.006	0.037	4
					15000		12500		8000		5000		2500		
DMB35-10	10	Parallel 1:1	NON	250	5.862	37.321	4.885	31.101	3.126	19.904	1.954	12.440	0.977	6.220	417
			1:3	83	2.057	13.095	1.714	10.913	1.097	6.984	0.686	4.365	0.343	2.183	139
			1:5	50	1.234	7.857	1.028	6.548	0.658	4.190	0.411	2.619	0.206	1.310	83
			1:10	25	0.617	3.929	0.514	3.274	0.329	2.095	0.206	1.310	0.103	0.655	42
			1:20	13	0.326	2.073	0.271	1.728	0.174	1.106	0.109	0.691	0.054	0.346	21
			1:50	5	0.130	0.829	0.109	0.691	0.069	0.442	0.043	0.276	0.022	0.138	8
		Parallel 2:1	NON	125	2.931	18.660	2.442	15.550	1.563	9.952	0.977	6.220	0.488	3.110	208
		Inline shaft coupling 1:1	NON	250	5.211	33.174	4.342	27.645	2.779	17.693	1.737	11.058	0.868	5.529	417
			1:3	83	1.828	11.640	1.524	9.700	0.975	6.208	0.609	3.880	0.305	1.940	139
			1:5	50	1.097	6.984	0.914	5.820	0.585	3.725	0.366	2.328	0.183	1.164	83
			1:10	25	0.548	3.492	0.457	2.910	0.293	1.862	0.183	1.164	0.091	0.582	42
			1:20	13	0.289	1.843	0.241	1.536	0.154	0.983	0.096	0.614	0.048	0.307	21
			1:50	5	0.116	0.737	0.096	0.614	0.062	0.393	0.039	0.246	0.019	0.123	8
					10000		8000		4000		2000		500		
DMB35-20	20	Parallel 1:1	NON	500	7.816	49.761	6.253	39.809	3.126	19.904	1.563	9.952	0.391	2.488	833
			1:3	167	2.742	17.460	2.194	13.968	1.097	6.984	0.548	3.492	0.137	0.873	278
			1:5	100	1.645	10.476	1.316	8.381	0.658	4.190	0.329	2.095	0.082	0.524	167
			1:10	50	0.823	5.238	0.658	4.190	0.329	2.095	0.165	1.048	0.041	0.262	83
			1:20	25	0.434	2.765	0.347	2.212	0.174	1.106	0.087	0.553	0.022	0.138	42
			1:50	10	0.174	1.106	0.139	0.885	0.069	0.442	0.035	0.221	0.009	0.055	17
		Parallel 2:1	NON	250	3.908	24.881	3.126	19.904	1.563	9.952	0.782	4.976	0.195	1.244	417
		Inline shaft coupling 1:1	NON	500	6.947	44.232	5.558	35.386	2.779	17.693	1.389	8.846	0.347	2.212	833
			1:3	167	2.438	15.520	1.950	12.416	0.975	6.208	0.488	3.104	0.122	0.776	278
			1:5	100	1.463	9.312	1.170	7.450	0.585	3.725	0.293	1.862	0.073	0.466	167
			1:10	50	0.731	4.656	0.585	3.725	0.293	1.862	0.146	0.931	0.037	0.233	83
			1:20	25	0.386	2.457	0.309	1.966	0.154	0.983	0.077	0.491	0.019	0.123	42
			1:50	10	0.154	0.983	0.124	0.786	0.062	0.393	0.031	0.197	0.008	0.049	17

DMB40 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 1500rpm mm/s	Actual load N										Max.linear speed mm/s
					11000		8500		5500		2500		1500		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB40-05	5	Parallel 1:1	NON	125	2.104	13.398	1.626	10.353	1.052	6.699	0.488	3.106	0.287	1.827	125
			1:3	42	0.738	4.701	0.571	3.633	0.369	2.351	0.171	1.090	0.100	0.641	42
			1:5	25	0.443	2.821	0.342	2.180	0.221	1.410	0.103	0.654	0.060	0.385	25
			1:10	13	0.221	1.410	0.171	1.090	0.111	0.705	0.051	0.327	0.030	0.019	13
			1:20	6	0.111	0.705	0.086	0.545	0.056	0.353	0.026	0.164	0.015	0.010	6
			1:50	3	0.044	0.282	0.034	0.218	0.022	0.141	0.010	0.065	0.006	0.039	3
		Parallel 2:1	NON	63	1.052	6.699	0.813	5.177	0.526	3.350	0.244	1.553	0.144	0.914	63
		Inline shaft coupling 1:1	NON	125	1.913	12.180	1.478	9.412	0.956	6.091	0.444	2.824	0.261	1.661	125
			1:3	42	0.671	4.274	0.519	3.303	0.335	2.137	0.155	0.991	0.091	0.583	42
			1:5	25	0.391	2.565	0.331	1.982	0.201	1.282	0.094	0.595	0.055	0.350	25
			1:10	13	0.201	1.282	0.155	0.991	0.101	0.641	0.046	0.297	0.027	0.017	13
			1:20	6	0.101	0.641	0.078	0.495	0.045	0.321	0.024	0.149	0.014	0.009	6
			1:50	3	0.040	0.256	0.031	0.198	0.020	0.128	0.009	0.059	0.005	0.035	3
					25000		15000		10000		5000		2500		
DMB40-10	10	Parallel 1:1	NON	250	9.563	60.884	5.737	36.523	3.825	24.354	1.913	12.177	0.956	6.089	250
			1:3	83	3.355	21.363	2.013	12.815	1.342	8.545	0.671	4.273	0.335	2.136	83
			1:5	50	2.013	12.818	1.208	7.689	0.805	5.127	0.403	2.564	0.201	1.282	50
			1:10	25	1.007	6.409	0.604	3.845	0.403	2.564	0.201	1.282	0.101	0.641	25
			1:20	13	0.504	3.205	0.302	1.923	0.202	1.282	0.101	0.641	0.051	0.321	13
			1:50	5	0.201	1.282	0.121	0.769	0.081	0.513	0.040	0.256	0.020	0.128	5
		Parallel 2:1	NON	125	4.782	30.442	2.869	18.262	1.913	12.177	0.957	6.089	0.478	3.045	125
		Inline shaft coupling 1:1	NON	250	8.694	55.350	5.215	33.203	3.477	22.140	1.739	11.071	0.869	5.535	250
			1:3	83	3.050	19.421	1.830	11.650	1.220	7.768	0.610	3.885	0.305	1.940	83
			1:5	50	1.830	11.653	1.097	6.984	0.731	4.656	0.366	2.328	0.183	1.164	50
			1:10	25	0.915	5.826	0.549	3.492	0.366	2.328	0.183	1.164	0.091	0.582	25
			1:20	13	0.458	2.914	0.289	1.843	0.193	1.229	0.096	0.641	0.048	0.307	13
			1:50	5	0.183	1.165	0.116	0.737	0.077	0.491	0.039	0.246	0.019	0.123	5
					15000		10000		8000		5000		2500		
DMB40-20	20	Parallel 1:1	NON	500	11.476	73.061	7.651	48.707	6.121	38.966	3.823	24.354	1.912	11.677	500
			1:3	167	4.027	25.635	2.685	17.090	2.148	13.672	1.341	8.545	0.671	4.097	167
			1:5	100	2.416	15.381	1.611	10.254	1.289	8.203	0.805	5.127	0.403	2.458	100
			1:10	50	1.208	7.691	0.801	5.127	0.645	4.102	0.403	2.564	0.202	1.229	50
			1:20	25	0.604	3.846	0.401	2.564	0.323	2.051	0.202	1.282	0.101	0.650	25
			1:50	10	0.242	1.538	0.161	1.025	0.129	0.820	0.081	0.513	0.040	0.246	10
		Parallel 2:1	NON	250	5.738	36.531	3.826	24.354	3.061	19.483	1.912	12.177	0.956	5.839	250
		Inline shaft coupling 1:1	NON	500	10.433	66.419	6.955	44.279	5.565	35.424	3.475	22.140	1.738	10.615	500
			1:3	167	3.661	23.305	2.441	15.536	1.953	12.416	1.219	7.760	0.609	3.880	167
			1:5	100	2.196	13.983	1.465	9.322	1.170	7.450	0.731	4.656	0.366	2.328	100
			1:10	50	1.098	6.992	0.733	4.661	0.585	3.725	0.366	2.328	0.183	1.164	50
			1:20	25	0.549	3.496	0.367	2.331	0.293	1.863	0.183	1.164	0.092	0.582	25
			1:50	10	0.220	1.398	0.147	0.932	0.117	0.745	0.073	0.467	0.037	0.233	10

DMB50 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 1500rpm mm/s	Actual load N										Max.linear speed mm/s
					22000		15000		10000		5000		2500		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB50-05	5	Parallel 1:1	NON	125	4.299	27.369	2.931	18.660	1.954	12.440	0.977	6.220	0.488	3.110	125
			1:3	42	1.508	9.603	1.028	6.548	0.686	4.365	0.343	2.183	0.171	1.091	42
			1:5	25	0.905	5.762	0.617	3.929	0.411	2.619	0.206	1.310	0.103	0.655	25
			1:10	13	0.452	2.881	0.309	1.964	0.206	1.310	0.103	0.655	0.051	0.327	13
			1:20	6	0.239	1.520	0.163	1.037	0.109	0.691	0.054	0.346	0.027	0.173	6
			1:50	3	0.096	0.608	0.065	0.415	0.043	0.276	0.022	0.138	0.011	0.069	3
		Parallel 2:1	NON	63	2.149	13.684	1.465	9.330	0.977	6.220	0.488	3.110	0.244	1.555	63
		Inline shaft coupling 1:1	NON	125	3.821	24.328	2.605	16.587	1.737	11.058	0.868	5.529	0.434	2.765	125
			1:3	42	1.341	8.536	0.914	5.820	0.609	3.880	0.305	1.940	0.152	0.970	42
			1:5	25	0.804	5.122	0.548	3.492	0.366	2.328	0.183	1.164	0.091	0.582	25
			1:10	13	0.402	2.561	0.274	1.746	0.183	1.164	0.091	0.582	0.046	0.291	13
			1:20	6	0.212	1.352	0.145	0.922	0.096	0.614	0.048	0.307	0.024	0.154	6
			1:50	3	0.085	0.541	0.058	0.369	0.039	0.246	0.019	0.123	0.010	0.061	3

Model	Lead mm	Reducer	Ratio	Speed at 1500rpm mm/s	Actual load N										Max.linear speed mm/s
					22000		15000		10000		5000		2500		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
					50000		30000		20000		10000		5000		
DMB50-10	10	Parallel 1:1	NON	250	19.540	124.40	11.724	74.642	7.816	49.761	3.908	24.881	1.954	12.440	417
			1:3	83	6.856	43.650	4.114	26.190	2.742	17.460	1.371	8.730	0.686	4.365	139
			1:5	50	4.114	26.190	2.468	15.714	1.645	10.476	0.823	5.238	0.411	2.619	83
			1:10	25	2.057	13.095	1.234	7.857	0.823	5.238	0.411	2.619	0.206	1.310	42
			1:20	13	1.086	6.911	0.651	4.147	0.434	2.765	0.217	1.382	0.109	0.691	21
			1:50	5	0.434	2.765	0.261	1.659	0.174	1.106	0.087	0.553	0.043	0.276	8
		Parallel 2:1	NON	125	9.770	62.201	5.862	37.321	3.908	24.881	1.954	12.440	0.977	6.220	208
		Inline shaft coupling 1:1	NON	250	17.369	110.580	10.421	66.348	6.947	44.232	3.474	22.116	1.737	11.058	417
			1:3	83	6.094	38.800	3.657	23.280	2.438	15.520	1.219	7.760	0.609	3.880	139
			1:5	50	3.657	23.280	2.194	13.968	1.463	9.312	0.731	4.656	0.366	2.328	83
			1:10	25	1.828	11.640	1.097	6.984	0.731	4.656	0.366	2.328	0.183	1.164	42
			1:20	13	0.965	6.143	0.579	3.686	0.386	2.457	0.193	1.229	0.096	0.614	21
			1:50	5	0.386	2.457	0.232	1.474	0.154	0.983	0.077	0.491	0.039	0.246	8
					30000		20000		10000		5000		2500		
DMB50-20	20	Parallel 1:1	NON	500	23.448	149.28	15.632	99.522	7.816	49.761	3.908	24.881	1.954	12.440	500
			1:3	167	8.227	52.380	5.485	34.920	2.742	17.460	1.371	8.730	0.686	4.365	167
			1:5	100	4.936	31.428	3.291	20.952	1.645	10.476	0.823	5.238	0.411	2.619	100
			1:10	50	2.468	15.714	1.645	10.476	0.823	5.238	0.411	2.619	0.206	1.310	50
			1:20	25	1.303	8.294	0.868	5.529	0.434	2.765	0.217	1.382	0.109	0.691	25
			1:50	10	0.521	3.317	0.347	2.212	0.174	1.106	0.087	0.553	0.043	0.276	10
		Parallel 2:1	NON	250	11.724	74.642	7.816	49.761	3.908	24.881	1.954	12.440	0.977	6.220	250
		Inline shaft coupling 1:1	NON	500	20.842	132.70	13.895	88.464	6.947	44.232	3.474	22.116	1.737	11.058	500
			1:3	167	7.313	46.560	4.875	31.040	2.438	15.520	1.219	7.760	0.609	3.880	167
			1:5	100	4.388	27.936	2.925	18.624	1.463	9.312	0.731	4.656	0.366	2.328	100
			1:10	50	2.194	13.968	1.463	9.312	0.731	4.656	0.366	2.328	0.183	1.164	50
			1:20	25	1.158	7.372	0.772	4.915	0.386	2.457	0.193	1.229	0.096	0.614	25
			1:50	10	0.463	2.949	0.309	1.966	0.154	0.983	0.077	0.491	0.039	0.246	10

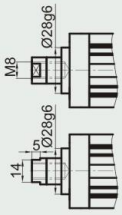
DMB60 Performance Specification

Model	Lead mm	Reducer	Ratio	Speed at 1000rpm mm/s	Actual load N										Max.linear speed mm/s
					55000		40000		25000		15000		10000		
					Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	Power KW	Torque Nm	
DMB60-10	10	Parallel 1:1	NON	167	14.329	136.84	10.421	99.522	6.513	62.201	3.908	37.321	2.605	24.881	167
			1:3	56	5.028	48.02	3.657	34.920	2.285	21.825	1.371	13.095	0.914	8.730	56
			1:5	33	3.017	28.81	2.194	20.952	1.371	13.095	0.823	7.857	0.548	5.238	33
			1:10	17	1.508	14.40	1.097	10.476	0.686	6.548	0.411	3.929	0.274	2.619	17
			1:20	8	0.796	7.60	0.579	5.529	0.362	3.456	0.217	2.073	0.145	1.382	8
			1:50	3	0.318	3.04	0.232	2.212	0.145	1.382	0.087	0.829	0.058	0.553	3
		Parallel 2:1	NON	83	7.165	68.42	5.211	49.761	3.257	31.101	1.954	18.660	1.303	12.440	83
		Inline shaft coupling 1:1	NON	167	12.737	121.64	9.263	88.464	5.790	55.290	3.474	33.174	2.316	22.116	167
			1:3	56	4.469	42.68	3.250	31.040	2.031	19.400	1.219	11.640	0.813	7.760	56
			1:5	33	2.681	25.61	1.950	18.624	1.219	11.640	0.731	6.984	0.488	4.656	33
			1:10	17	1.341	12.80	0.975	9.312	0.609	5.820	0.366	3.492	0.244	2.328	17
			1:20	8	0.708	6.76	0.515	4.915	0.322	3.072	0.193	1.843	0.129	1.229	8
			1:50	3	0.283	2.70	0.206	1.966	0.129	1.229	0.077	0.737	0.051	0.491	3
					60000		40000		20000		10000		5000		
DMB60-20	20	Parallel 1:1	NON	333	31.264	298.57	20.842	199.04	10.421	99.522	5.211	49.761	2.605	24.881	333
			1:3	111	10.970	104.76	7.313	69.840	3.657	34.920	1.828	17.460	0.914	8.730	111
			1:5	67	6.582	62.86	4.388	41.904	2.194	20.952	1.097	10.476	0.548	5.238	67
			1:10	33	3.291	31.43	2.194	20.952	1.097	10.476	0.548	5.238	0.274	2.619	33
			1:20	17	1.737	16.59	1.158	11.058	0.579	5.529	0.289	2.765	0.145	1.382	17
			1:50	7	0.695	6.63	0.463	4.423	0.232	2.212	0.116	1.106	0.058	0.553	7
		Parallel 2:1	NON	167	15.632	149.28	10.421	99.522	5.211	49.761	2.605	24.881	1.303	12.440	167
		Inline shaft coupling 1:1	NON	333	27.790	265.39	18.527	176.93	9.263	88.464	4.632	44.232	2.316	22.116	333
			1:3	111	9.751	93.12	6.501	62.080	3.250	31.040	1.625	15.520	0.813	7.760	111
			1:5	67	5.850	55.87	3.900	37.248	1.950	18.624	0.975	9.312	0.488	4.656	67
			1:10	33	2.925	27.94	1.950	18.624	0.975	9.312	0.488	4.656	0.244	2.328	33
			1:20	17	1.544	14.74	1.029	9.829	0.515	4.915	0.257	2.457	0.129	1.229	17
			1:50	7	0.618	5.90	0.412	3.932	0.206	1.966	0.103	0.983	0.051	0.491	7

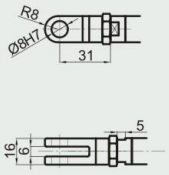
DMB05 Overall Dimension:

Front Attachment

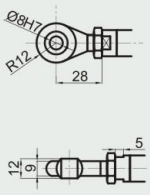
Female Thread
BA



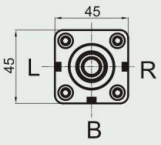
Clevis End
FO



Ball Joint
TS

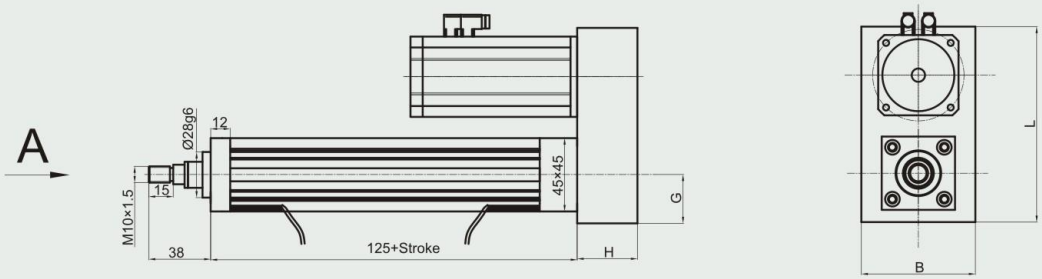


View A



Position of FCM limit switch

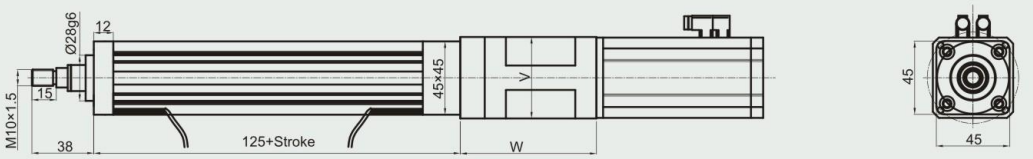
DMB05 Parallel dimension-P10,P20



Power	H	L	B	G
Lower than 200W	38	120	70	30

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

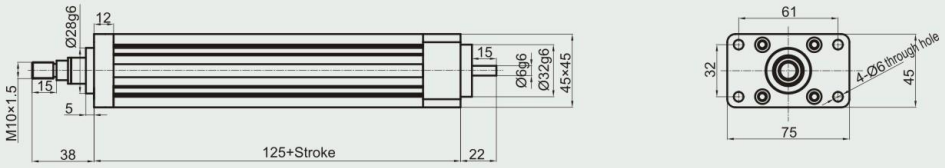
DMB05 Inline dimension-SC



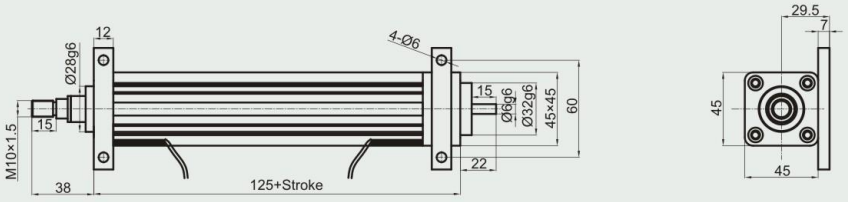
Power	Lower than 200W
Size \ Ratio	1:1
W	60
V	50

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

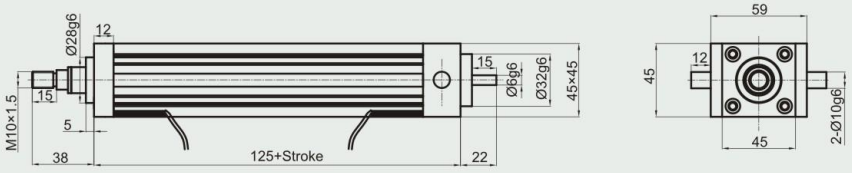
DMB05 Front flange mounting-FF



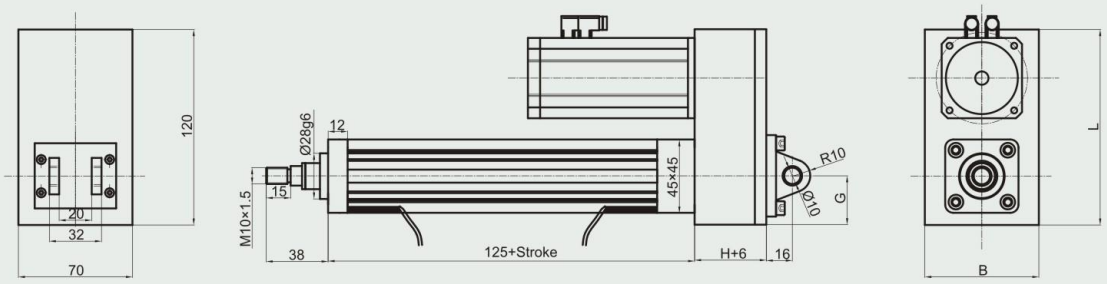
DMB05 Side flange mounting-SF



DMB05 Trunnion mounting-ST



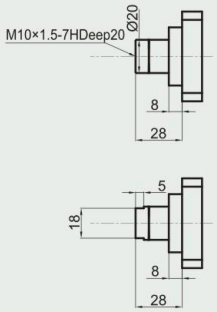
DMB05 Rear clevis mounting-RC



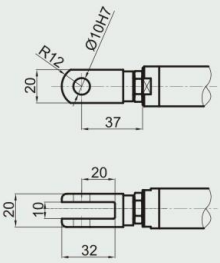
DMB10 Overall Dimension:

Front Attachment

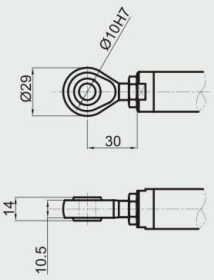
Female Thread
BA

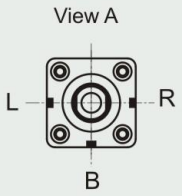


Clevis End
FO



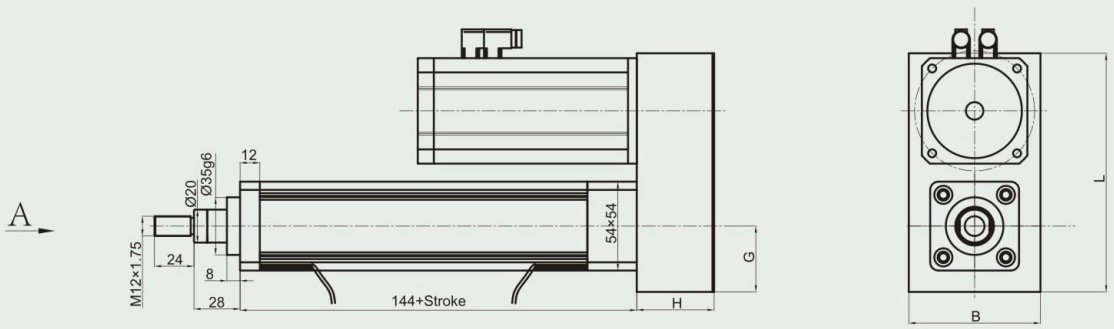
Ball Joint
TS





Position of FCM limit switch

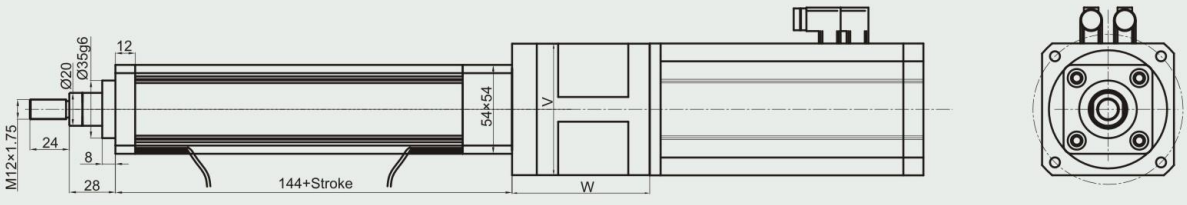
DMB10 Parallel dimension-P10,P20



Power	H	L	B	G
Lower than 400W	45	145	80	40

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

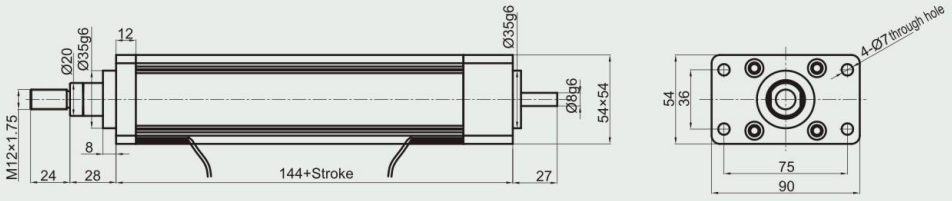
DMB10 Inline dimension-SC



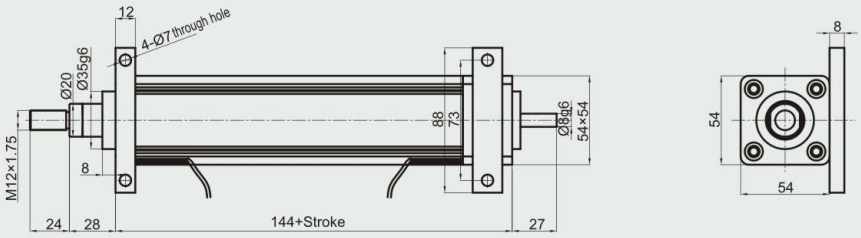
Power	Lower than 400W
Size \ Ratio	1:1
W	80
V	60

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

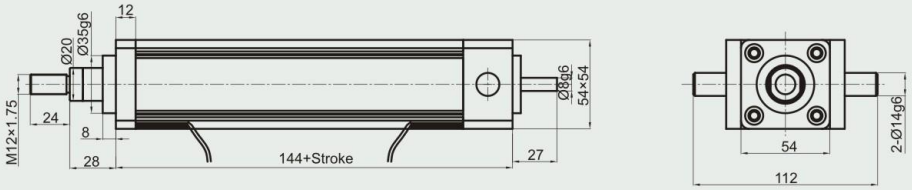
DMB10 Front flange mounting-FF



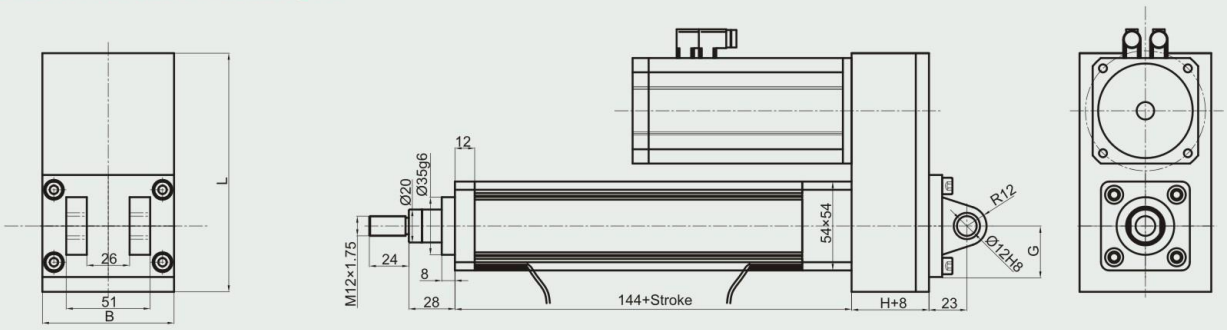
DMB10 Side flange mounting-SF



DMB10 Trunnion mounting-ST



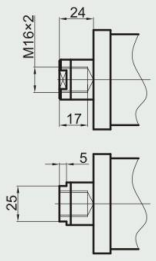
DMB10 Rear clevis mounting-RC



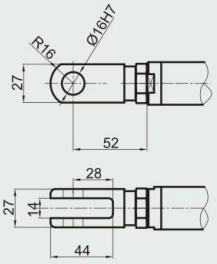
DMB20 Overall Dimension:

Front Attachment

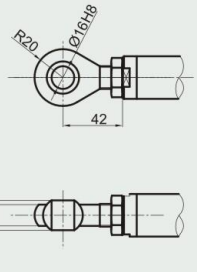
Female Thread
BA



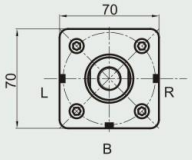
Clevis End
FO



Ball Joint
TS

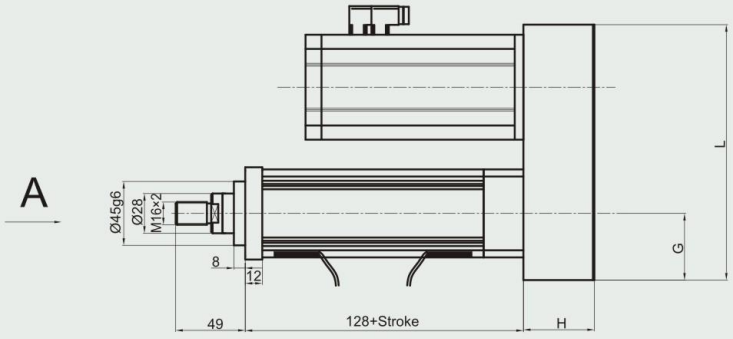


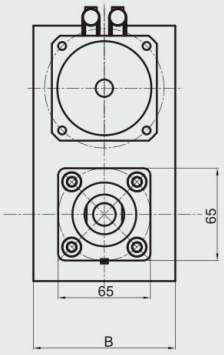
View A



Position of FCM limit switch

DMB20 Parallel dimension-P10,P20

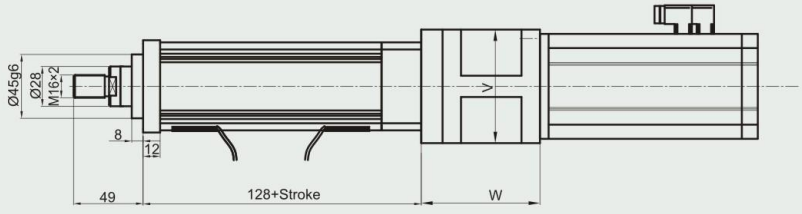




Power	H	L	B	G
Lower than 750W	50	180	100	47
750W-1.5KW	65	265	150	71

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

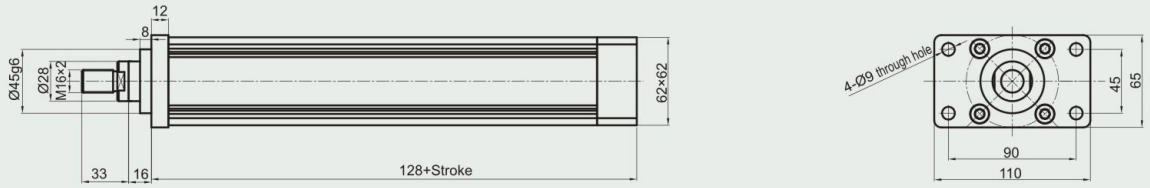
DMB20 Inline dimension-SC



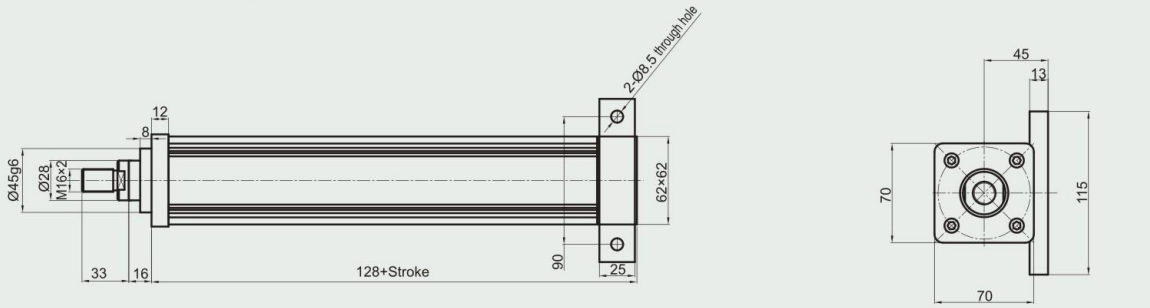
Power	Lower than 750W			750W-1.5KW		
Size \ Ratio	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1
W	83.6	160.6	197.6	90.5	194	242
V	80	80	80	100	100	100

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

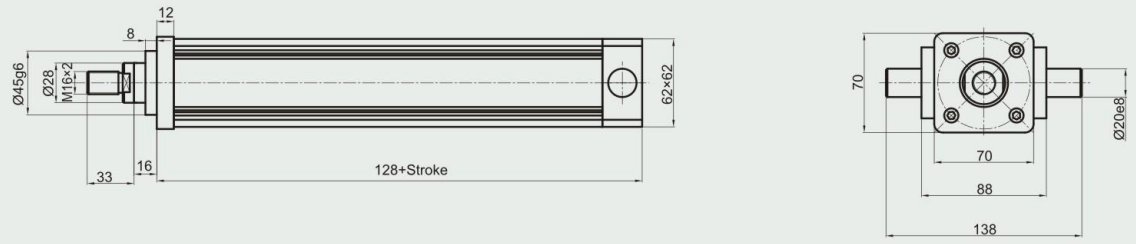
DMB20 Front flange mounting-FF



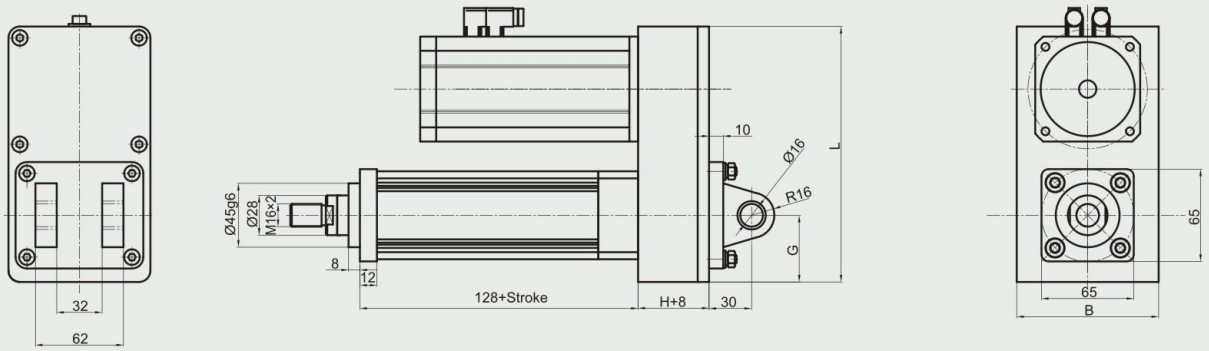
DMB20 Side flange mounting-SF



DMB20 Trunnion mounting-ST



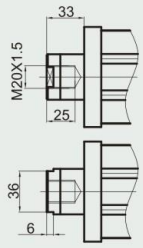
DMB20 Rear clevis mounting-RC



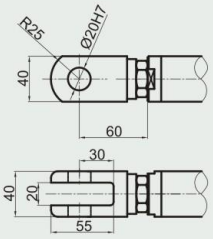
DMB30 Overall Dimension:

Front Attachment

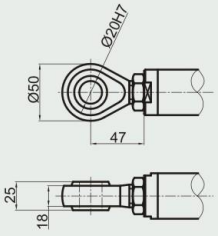
Female Thread BA



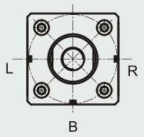
Clevis End FO



Ball Joint TS

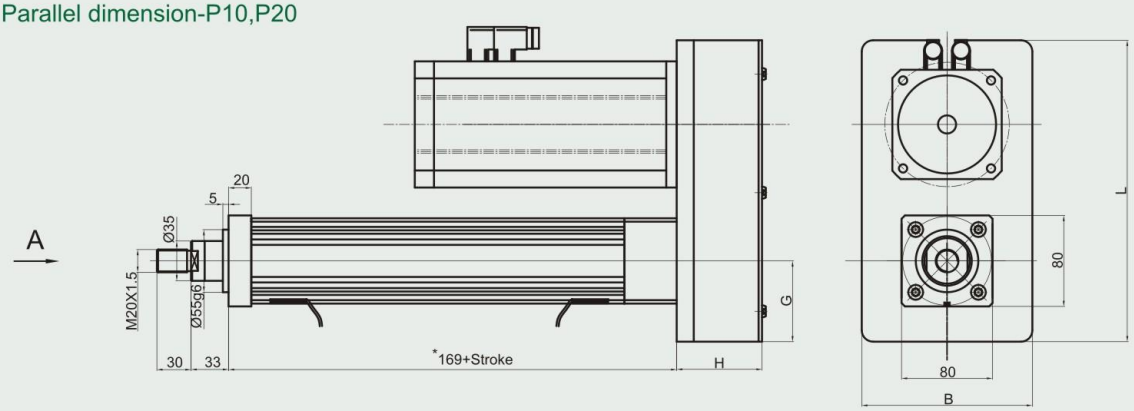


View A



Position of FCM limit switch

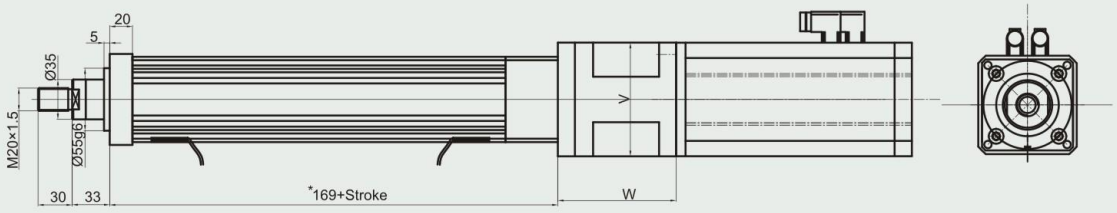
DMB30 Parallel dimension-P10,P20



Power	H	L	B	G
Lower than 1.5KW	65	265	150	71
1.5KW-2.5KW	65	300	170	75

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

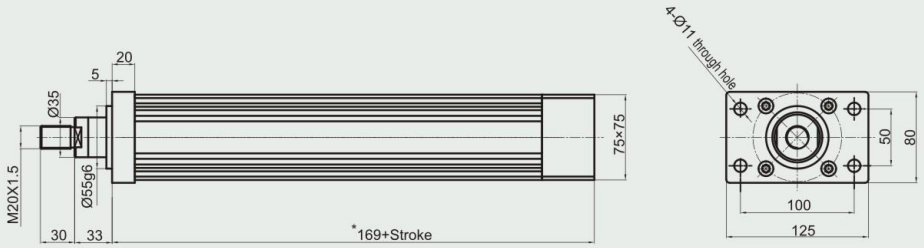
DMB30 Inline dimension-SC



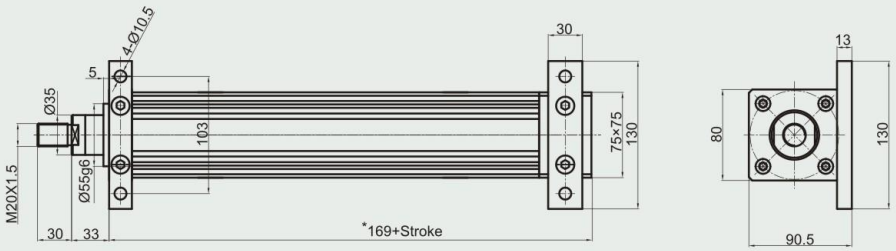
Power	Lower than 1.5KW			1.5KW-2.5KW		
Size \ Ratio	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1
W	104	199.5	247.5	124	219.5	267.5
V	100	100	100	130	130	130

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

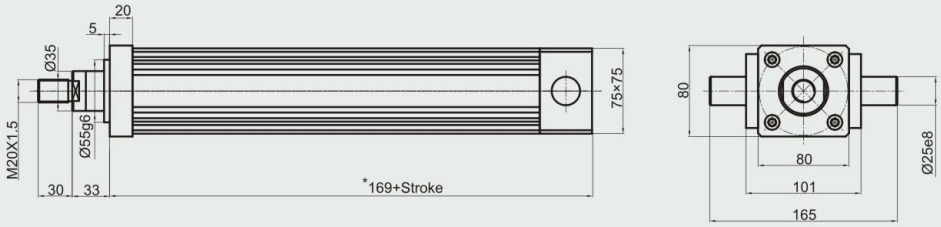
DMB30 Front flange mounting-FF



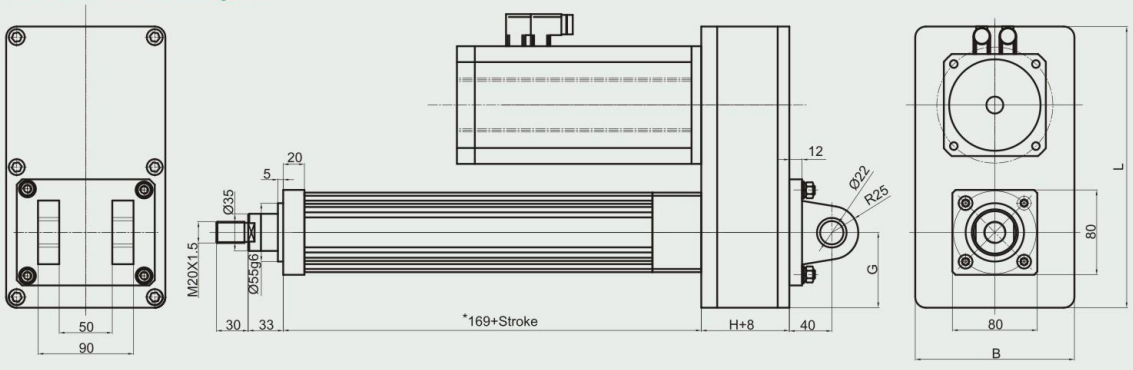
DMB30 Side flange mounting-SF



DMB30 Trunnion mounting-ST



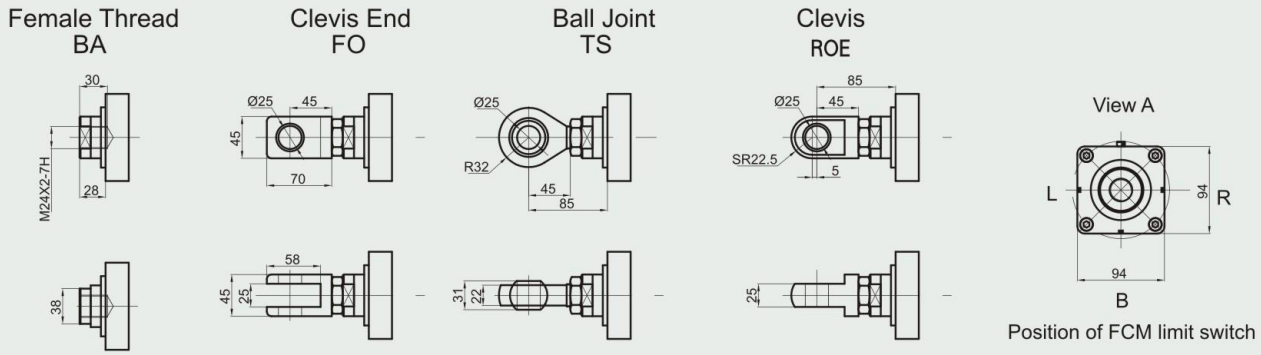
DMB30 Rear clevis mounting-RC



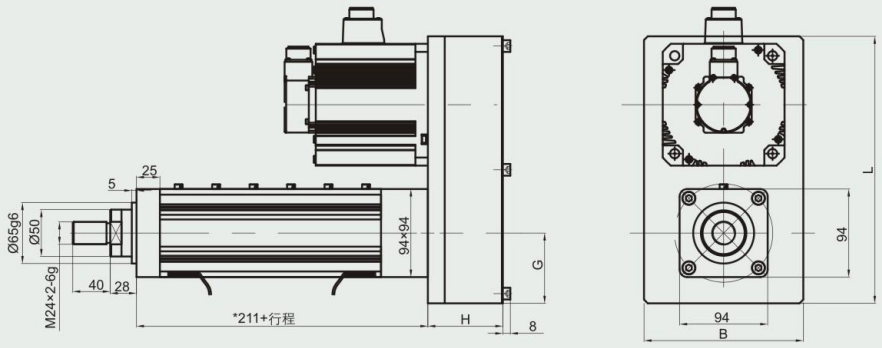
Note: * The dimension wiill be 184mm when you choose 10mm lead screw, If you choose 20mm lead the dimension will be 189mm.

DMB35 Overall Dimension:

Front Attachment



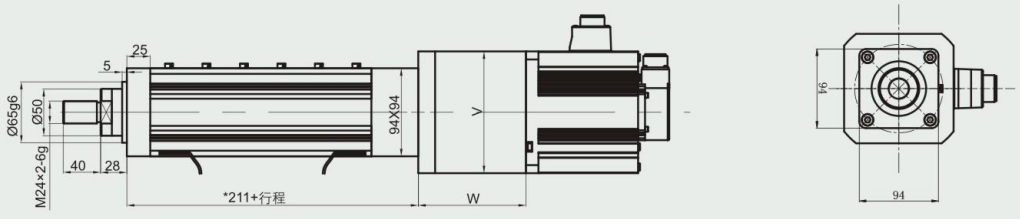
DMB35 Parallel dimension-P10,P20



Power	H	L	B	G
Lower than 2.0KW	65	300	170	71
2.0KW-3.5KW	80	350	170	75

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

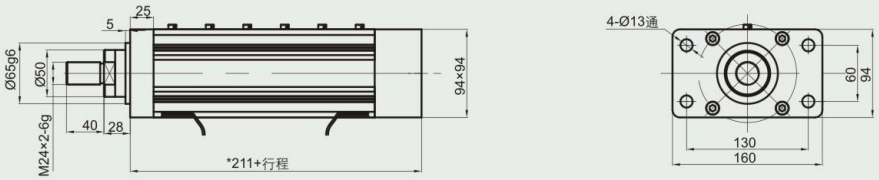
DMB35 Inline dimension-SC



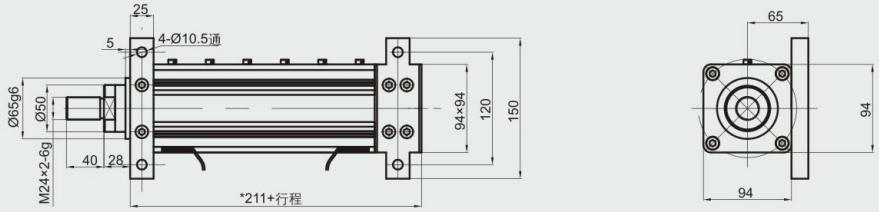
Power	Lower than 2.0KW			2.0KW-3.5KW		
Size \ Ratio	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1
W	132	222	284	187	315	377
V	130	130	130	180	192	192

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

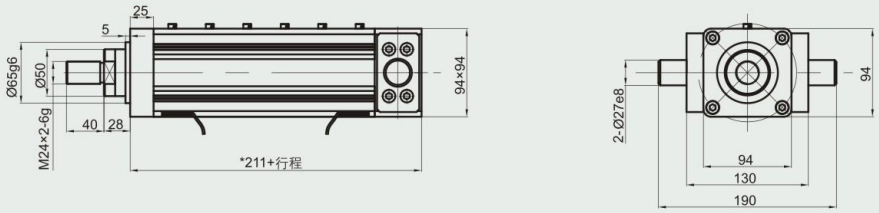
DMB35 Front flange mounting-FF



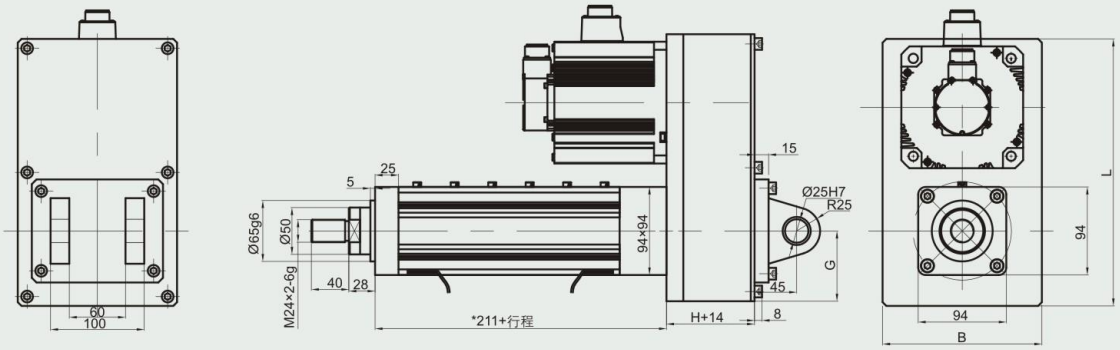
DMB35 Side flange mounting-SF



DMB35 Trunnion mounting-ST



DMB35 Rear clevis mounting-RC

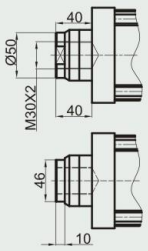


Note: * The dimension wiill be 211 mm when you choose 5mm lead screw, If you choose 10mm lead the dimension will be 225mm.

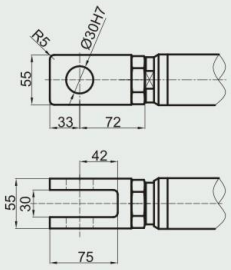
DMB40 Overall Dimension:

Front Attachment

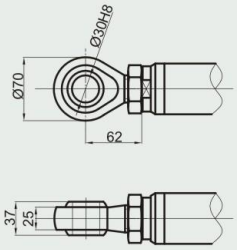
Female Thread BA



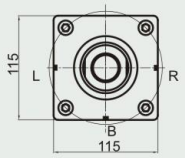
Clevis End FO



Ball Joint TS

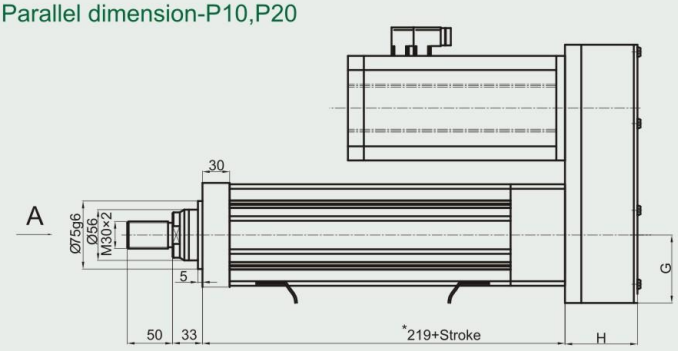


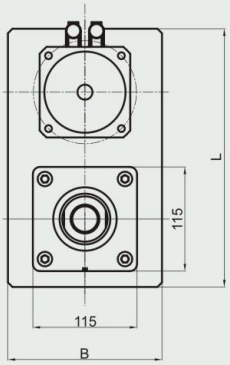
View A



Position of FCM limit switch

DMB40 Parallel dimension-P10,P20

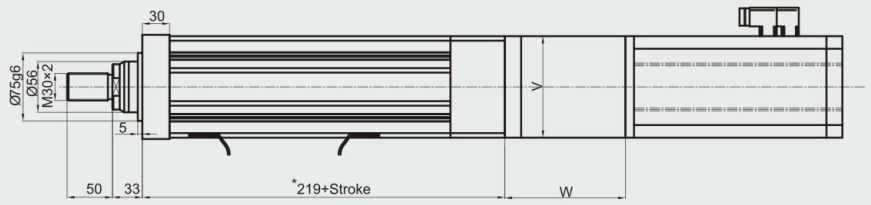


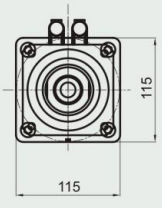


Power	H	L	B	G
Lower than 2.5KW	80	285	170	75
2.5KW-5KW	90	350	200	95
5KW-9KW	90	375	220	95

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

DMB40 Inline dimension-SC

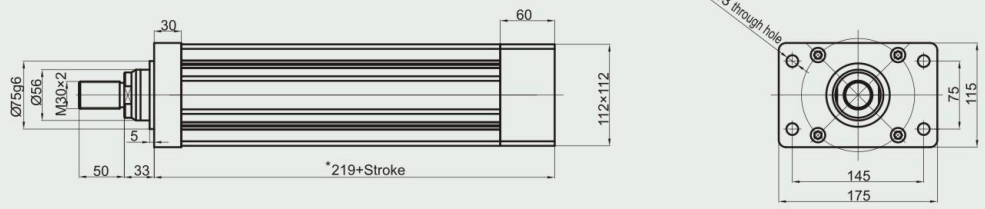




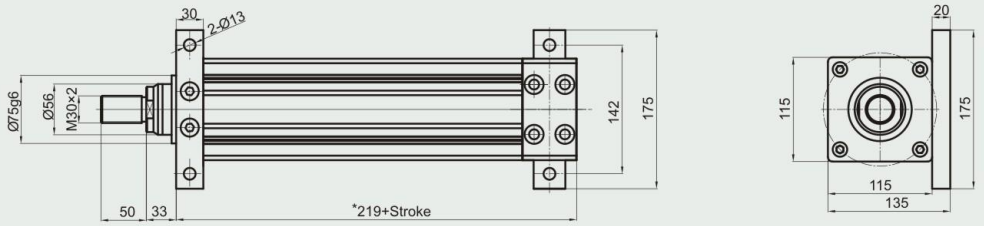
Power	Lower than 2.5KW			2.5KW-5KW			5KW-9KW		
Size \ Ratio	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1
W	133	228.5	276.5	134	255.5	329.5	198	340	430
V	130	130	130	130	130	130	192	192	192

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

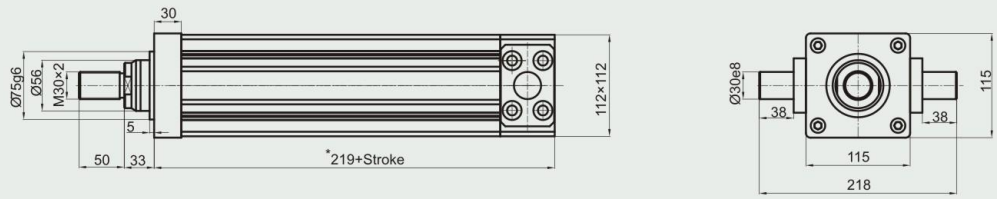
DMB40 Front flange mounting-FF



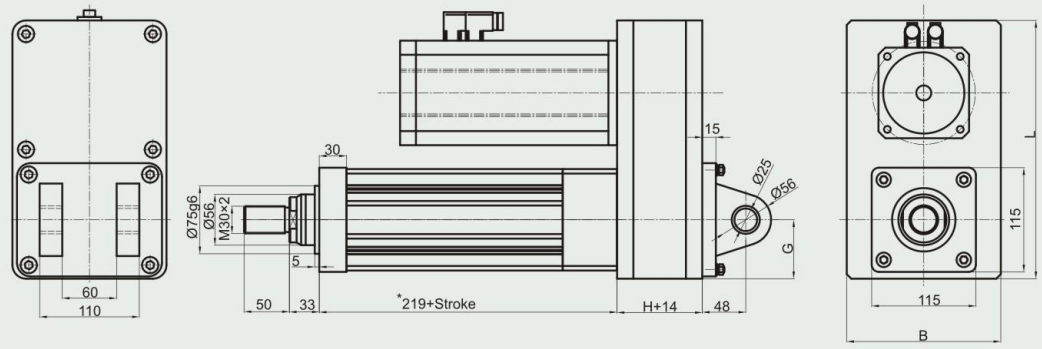
DMB40 Side flange mounting-SF



DMB40 Trunnion mounting-ST



DMB40 Rear clevis mounting-RC



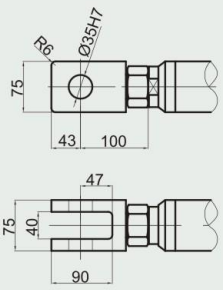
Note: * The dimension wiill be 240 mm when you choose 10mm lead screw, If you choose 20mm lead the dimension will be 248mm.

DMB50 Overall Dimension:

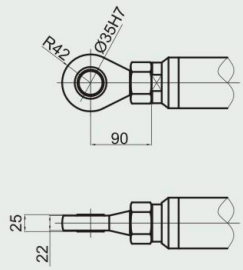
Front Attachment

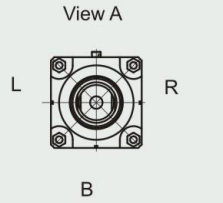
Female Thread
BA

Clevis End
FO



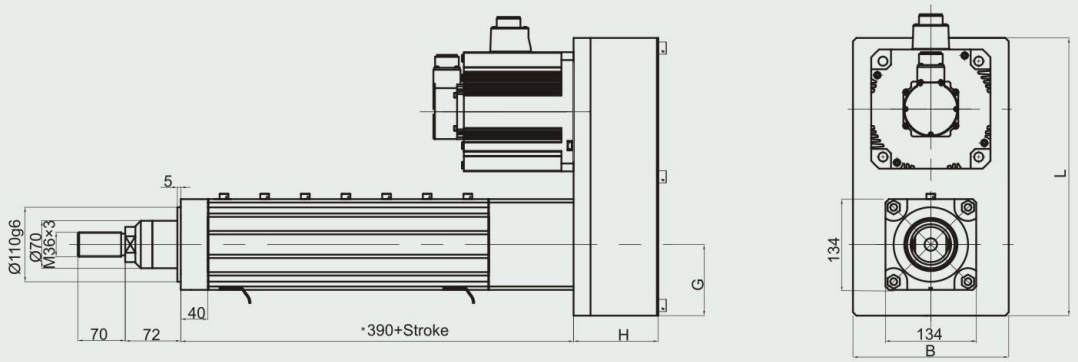
Ball Joint
TS





Position of FCM limit switch

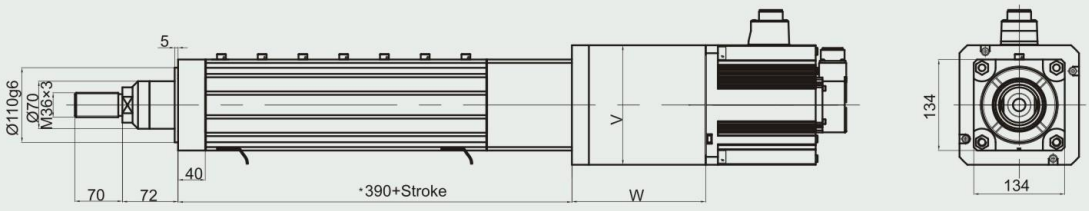
DMB50 Parallel dimension-P10,P20



Power	H	L	B	G
Lower than 5KW	125	410	230	105
5KW-10KW	125	460	260	120
10KW-14KW	125	545	310	155

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

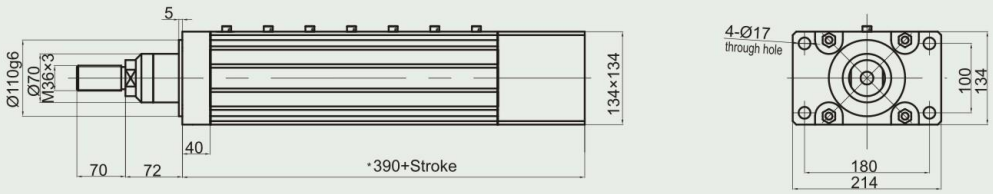
DMB50 Inline dimension-SC



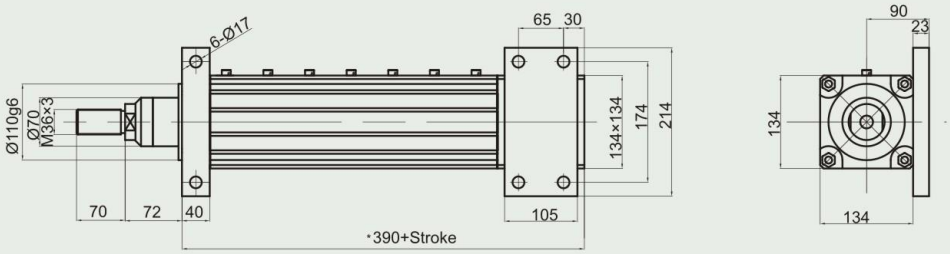
Power	Lower than 5KW			5KW-10KW			10KW-14KW		
Size \ Ratio	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1
W	197	339	429	207	349	439	242	4425	519
V	176	176	176	192	192	192	260	260	260

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

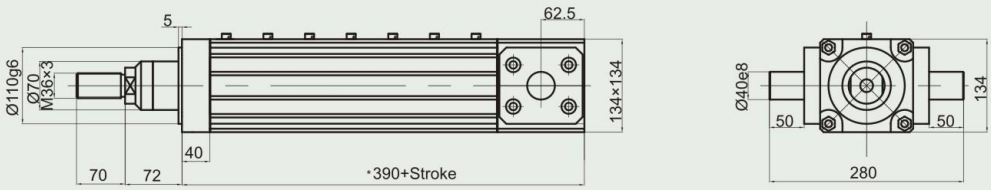
DMB50 Front flange mounting-FF



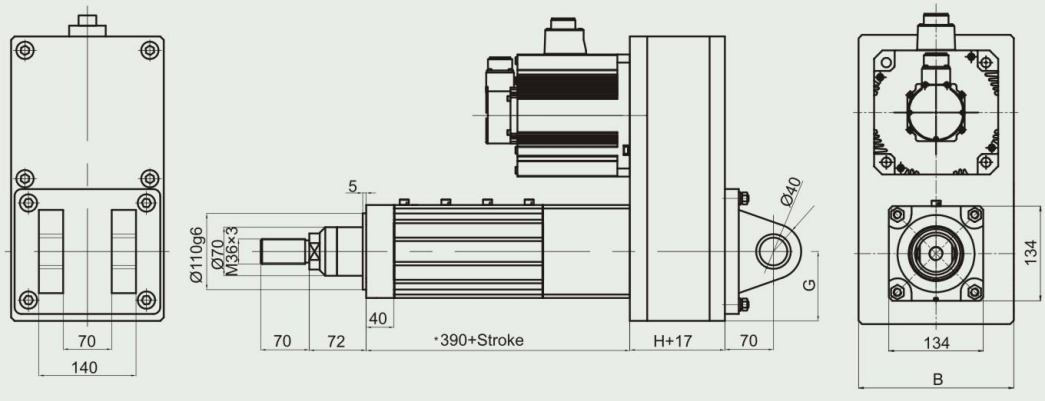
DMB50 Side flange mounting-SF



DMB50 Trunnion mounting-ST



DMB50 Rear clevis mounting-RC

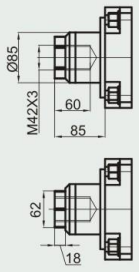


Note: *The dimension wiill be 390 mm when you choose 20mm lead screw, If you choose 10mm lead the dimension will be 350mm.

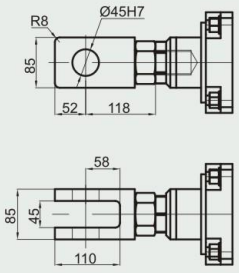
DMB60 Overall Dimension:

Front Attachment

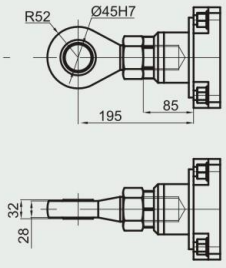
Female Thread BA



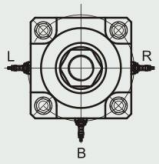
Clevis End FO



Ball Joint TS

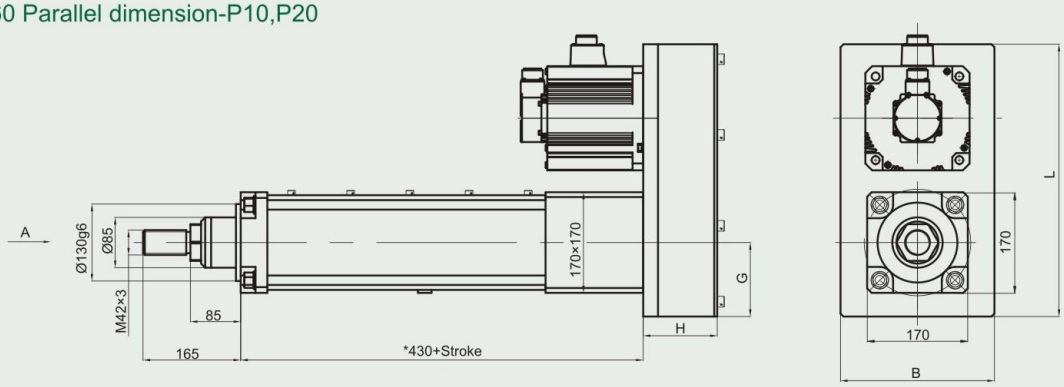


View A



Position of FCM limit switch

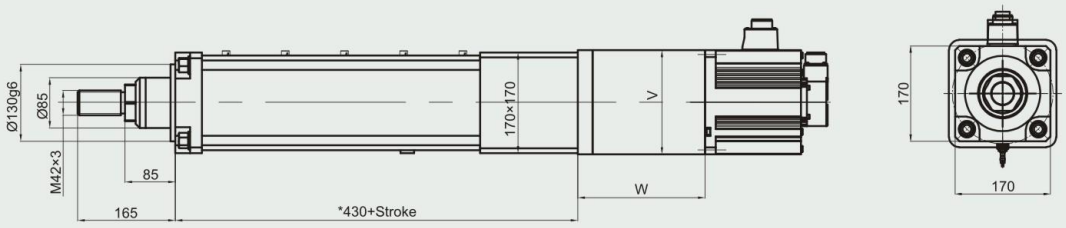
DMB60 Parallel dimension-P10,P20



Power	H	L	B	G
Lower than 6KW	125	460	260	125
6KW-12KW	125	495	290	140
12KW-18KW	125	590	335	165

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

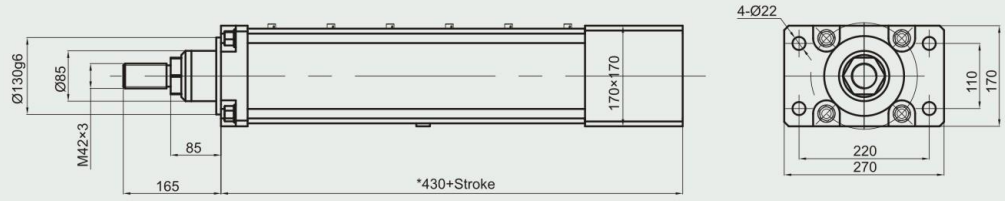
DMB60 Inline dimension-SC



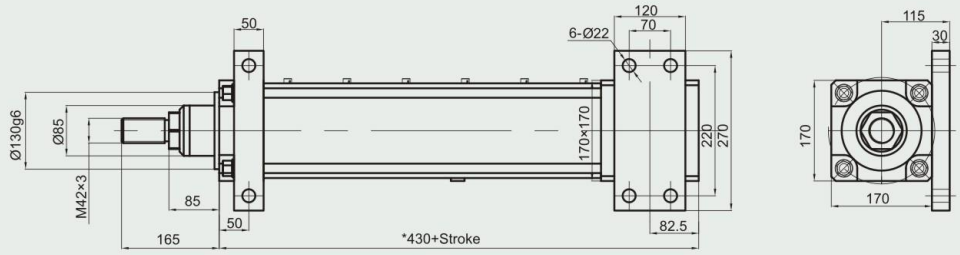
Power	Lower than 5KW			5KW-10KW			10KW-14KW		
Size \ Ratio	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1	1:1	3~10:1	15~100:1
W	215	357	447	245	428	522	300	526.5	577
V	192	192	192	260	260	260	280	280	280

The dimension in above table is for reference only, the dimension will be different depends on different motor manufacturer.

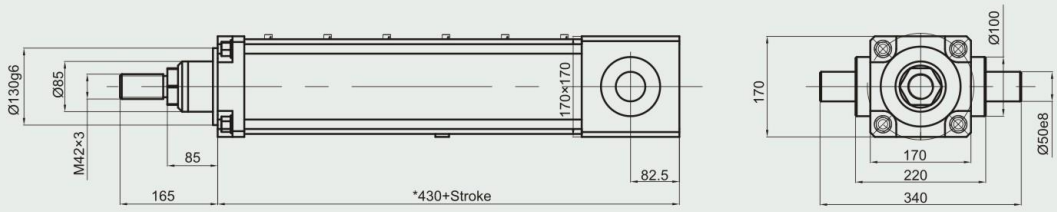
DMB60 Front flange mounting-FF



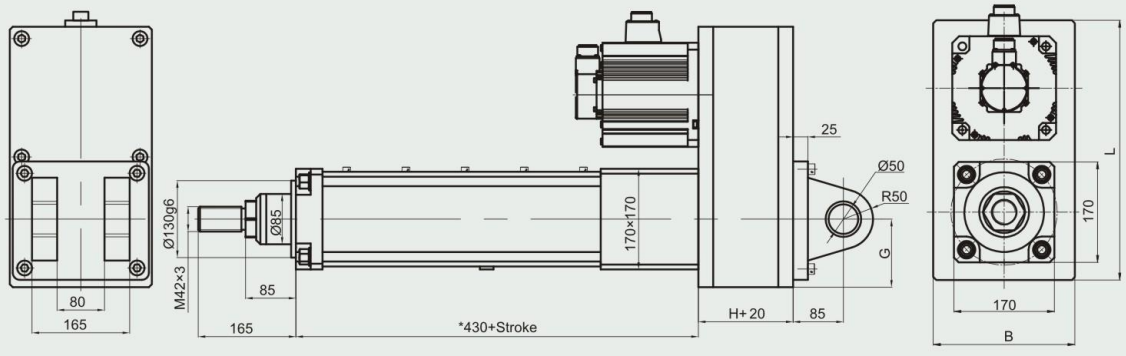
DMB60 Side flange mounting-SF



DMB60 Trunnion mounting-ST



DMB60 Rear clevis mounting-RC



Note: *The dimension wiill be 480 mm when you choose 20mm lead screw, If you choose 10mm lead the dimension will be 425mm.

Product Application：

LAP Series Linear Actuator

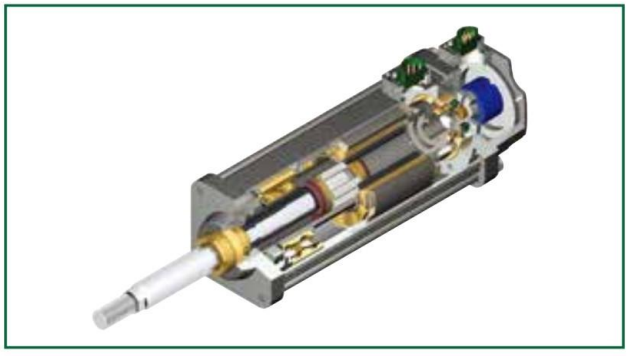
LAM Series Mini Linear Actuator

SJA Series Screw Jack

SJB Series Screw Jack

Servo Cylinder

Linear Installation Servo Electric Cylinder



Servo Cylinder

Six degrees of freedom platform

LINEAR MOTION

Dezhou Lude Transmission Equipments CO.,LTD
NO.2758 Mengyin Road, Ecomomic&Technical Development Zone, Dezhou, Shandong, China
TEL: 0086-534-2765998 2761998
E-mail: ludetransmission@gmail.com china@ludetransmission.com
Web: www.ludetransmission.com