

YOZECE

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YOZECE



伺服电缸画册

SERVO CYLINDER BROCHURE

智双传动科技

Zhishuang Transmission Technology

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苏州智双传动科技有限公司是一家专业研发、生产与销售伺服电缸、伺服压机、自由度模拟平台等自动化设备及配件的企业。公司引进国外先进技术，拥有专业化的生产设备，先进的数控加工设备，一流的测试设备，并且拥有资深的机械传动设计师，先进的设计软件，确保了产品技术参数的准确性，应用的可靠性。历经多年奋斗与拼搏在行业内已确立“规模最大、产量最高、质量最稳”的领先优势，为客户提供操作简单，效率卓越，性能稳定价格合理的产品设备。

智双秉承“诚信、专业、共赢”的企业精神，坚持诚信为本、客户至上，以卓越的管控和优良的服务赢得了客户的持久信赖。

Suzhou Zhishuang Transmission Technology Co., Ltd. is a professional enterprise engaged in the research and development, production, and sales of automation equipment and accessories such as servo cylinders, servo presses, and degree of freedom simulation platforms. The company has introduced advanced foreign technology, specialized production equipment, advanced CNC machining equipment, first-class testing equipment, and has senior mechanical transmission designers and advanced design software to ensure the accuracy of product technical parameters and the reliability of applications. After years of struggle and hard work, we have established a leading advantage in the industry of "largest scale, highest output, and most stable quality", providing customers with products and equipment that are easy to operate, efficient, stable in performance, and reasonably priced. Zhishuang adheres to the corporate spirit of "integrity, professionalism, and win-win", insists on honesty and customer satisfaction, and has won the lasting trust of customers with excellent control and excellent service.

公司 Company	使命 Mission	为客户提供优质服务,为员工构建事业平台,为社会承担应尽责任为股东创造资本价值 Providing superior services to customers, building a career platform for employees, fulfilling due social responsibilities, and creating capital value for shareholders
企业 Enterprise	愿景 Vision	做精做细, 做快做好, 做强做大 Refine and perfect, accelerate and excel, strengthen and expand
经营 Operate	理念 Idea	共创、共享、共赢 Create, share and win-win
管理 Administration	宗旨 Purpose	以培养人才为本、制度流程现代化管理 Training talents as the basis, system and process modernization management

产品索引

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电动缸选型指南

Electric Cylinder Selection Guide

电机输出扭矩与电动缸输出力的关系

The relation between the output torque of motor and the output force of electric cylinder

F=T×η ×2π×R/L

F	电动缸输出力, 单位: kN Electric cylinder output force, unit: kN
T	电机输出扭矩, 单位: Nm Motor output torque, unit: Nm
R	减速比 Reduction ratio
L	丝杆导程, 单位: mm Lead of lead screw, unit: mm
η	效率 (一般选择电动缸的总效率为85%, 但是效率根据实际使用工况会有变化, 请注意) Efficiency (The total efficiency of the electric cylinder is generally 85%, but the efficiency will change according to the actual working conditions, please note)

电动缸的寿命计算

Life calculation of electric cylinder

电动缸的寿命一般指电动缸内部使用的丝杆寿命, 可分为两个部分, 一是丝杆的疲劳寿命, 它可以通过计算得出; 另一个是使用寿命, 取决于使用条件 (如温度、灰尘、使用润滑的种类和定期添加的频率等), 使用寿命往往通过经验得出。以下是疲劳寿命的计算方法:

The life of the electric cylinder generally refers to the life of the lead screw used inside the electric cylinder, which can be divided into two parts, one is the fatigue life of the lead screw, which can be calculated Out; The other is the service life, depending on the conditions of use (such as temperature, dust, the type of lubrication used and the frequency of regular additions, etc.). Service life is often learned by experience. The following is the calculation method of fatigue life:

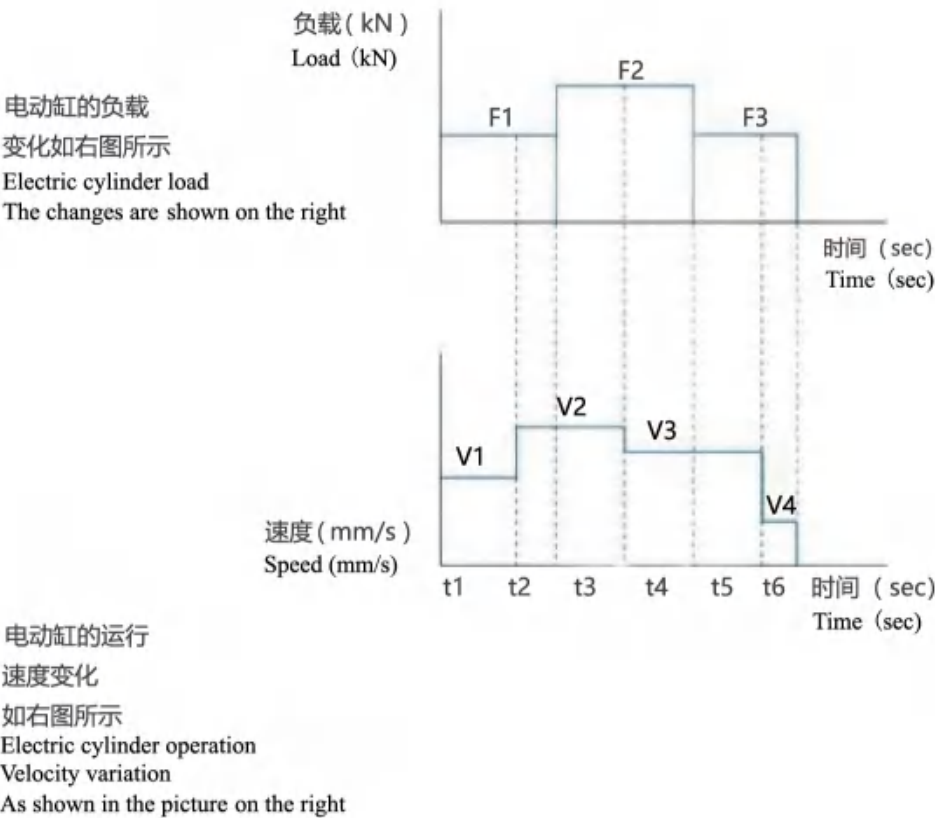
L10=(Ca/Fm)³ ×L

- L10: 电动缸的寿命, 单位: Km
- b Fm: 电动缸承受的平均负载, 单位: kN
- b Ca: 丝杆螺母的基本额定动负载, 单位kN (可通过丝杆样本查出)
- L: 丝杆导程, 单位: mm

UL10: life of electric cylinder, unit: Km
UFm: The average load of the electric cylinder, unit: kN
UCa: The basic rated dynamic load of the screw nut, in kN (can be found by screw sample)
b L: lead of the lead screw, unit: mm

平均负载的计算

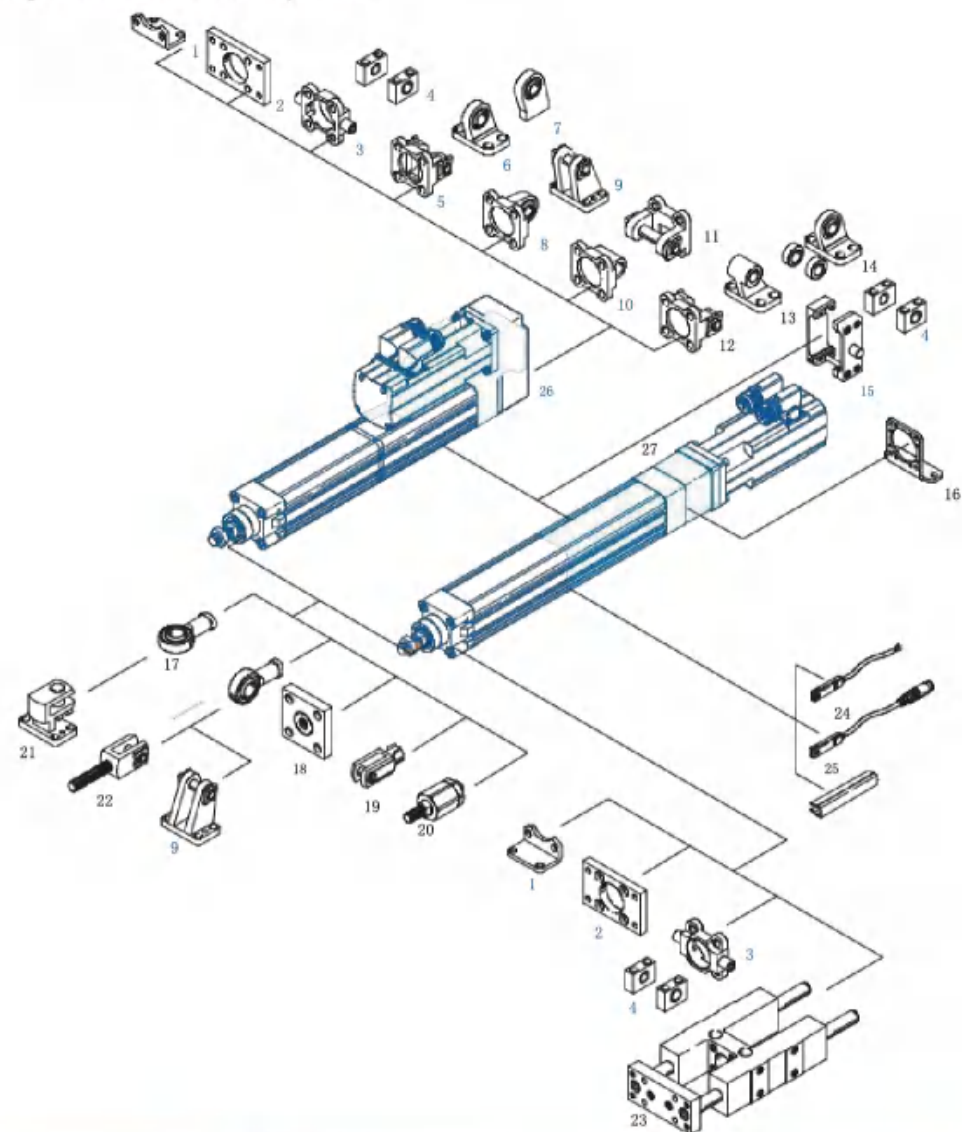
Calculation of average load



电动缸平均负载的计算公式如下:
The average load of the electric cylinder is calculated as follows:

Fm=3√(F1³×v1×t1+F1³×v2×t2+F2³×v2×t3+F2³×v3×t4+F2³×v3×t4+F3³×v3×t5+F3³×v4×t6) / (v1×t1+v2×t2+v2×t3+v3×t4+v3×t5+v4×t6)

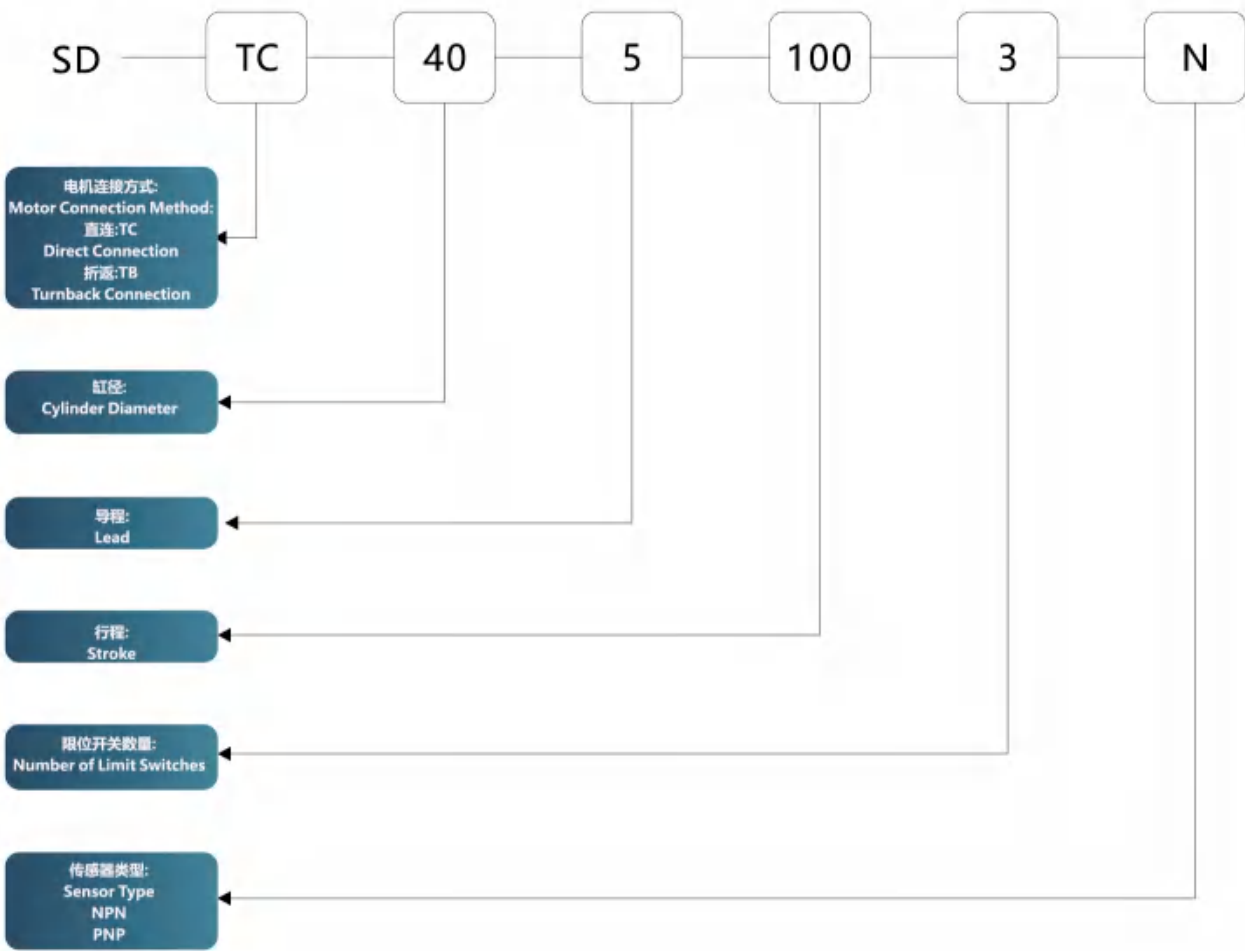
伺服电动缸外围部件一览表
List of peripheral parts of servo electric cylinder



名称 Form	简要说明 Brief description	名称 Form	简要说明 Brief description
1-脚架安装件 1- Tripod mounting kit	马达平行安装时，用于安装轴承和减速机端盖 / 马达平行安装时，用于安装轴承端盖 When the motor is installed in parallel, it is used to install the bearing and the reducer end cover	15-耳轴安装座 15- trunnion mounting support	用于安装到缸体的任意位置，在马达平行安装时，安装位置不能靠近马达 Used to install to any position of the cylinder block, when the motor is installed in parallel, the installation position cannot be near the motor
2-法兰安装件 2- Flange mounting kit	马达平行安装时，用于安装轴承和减速机端盖 / 马达平行安装时，用于安装轴承端盖 When the motor is installed in parallel, it is used to install the bearing and the reducer end cover	16-脚架安装件 16- Tripod mounting kit	用于马达轴向安装时 For parallel motor installation
3-耳轴安装件 3- trunnion mounting kit	马达平行安装时，用于安装轴承和减速机端盖 / 马达平行安装时，用于安装轴承端盖 When the motor is installed in parallel, it is used to install the bearing and the reducer end cover	17-关节轴承 17- Tripod mounting kit	带球面轴承 Spherical bearing
4-耳轴安装座 4- trunnion support	用于将耳轴安装件安装到缸体上 Used to mount the trunnion mounting to the cylinder block	18-连接法兰 18- Connecting flange	用于补偿径向偏差 Used to compensate for radial deviation
5-双耳轴安装座 5- Double earing support	用于马达平行安装时 For parallel motor installation	19-双耳轴 19- Pair earrings	用于缸体在一个平面内作摆动运动 It is used for the cylinder block to swing in a plane
6-球铰耳轴安装座 6- Ball hinge earing support	用于马达平行安装时，带球面轴承 For parallel motor mounting with spherical bearing	20-自对中连接件 20- Self centering connector	用于补偿径向和角度偏差 Used to compensate for radial and angular deviations
7-球铰耳轴安装座 7- Ball hinge earing support	用于马达平行安装时，焊接合成，带球面轴承 For parallel motor installation, welding synthesis, with spherical bearings	21-直角球铰耳轴安装座 21- Straight angle ball hinge earing support	用于关节轴承SGS For joint bearing SGS
8-双耳轴安装件 8- Double earing mounting kit	用于马达平行安装时，带球面轴承 For parallel motor mounting with spherical bearing	22-双耳轴 22- Pair earrings	用于缸体摆动安装 Used for cylinder block swing installation
9-双耳轴安装座 9- Double earing support	用于马达平行安装时，带球面轴承 For parallel motor mounting with spherical bearing	23-导向单元 23- Guide unit	在高力矩下防止缸体扭转 Prevents cylinder torsion under high torque
10-双耳轴安装件 10- Double earing mounting kit	用于马达平行安装时 For parallel motor installation	24-接近开关 24- Proximity switch	用于位置检测，可集成于传感器安装槽内，没有突出部分 For position detection, can be integrated into the sensor mounting slot, no protruding parts
11-双耳轴安装件 11- Double earing mounting	用于马达平行安装时，带球面轴承 For parallel motor mounting with spherical bearing	25-沟槽盖 25- Trench cover	用于防止灰尘进入 Used to prevent dust from entering
12-双耳轴安装件 12- Double earing mounting	用于马达平行安装时 For parallel motor installation	26-平行安装组件 26- Parallel mounting component	用于马达平行安装时 For parallel motor installation
13-耳轴安装座 13- Earing support	用于马达平行安装时 For parallel motor installation	27-轴向安装轴 27- Axial mounting shaft	用于马达轴向安装时 For axial motor installation
14-球铰耳轴安装座 14- Ball hinge earing support	用于马达平行安装时，带球面轴承 For parallel motor mounting with spherical bearing		

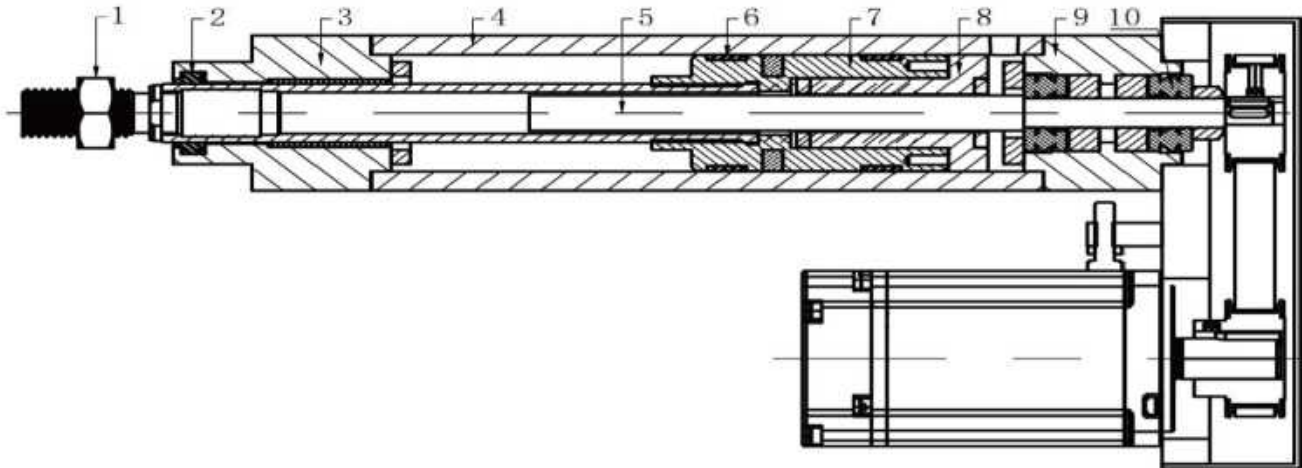
选型订购示例

Model Selection and Ordering Example



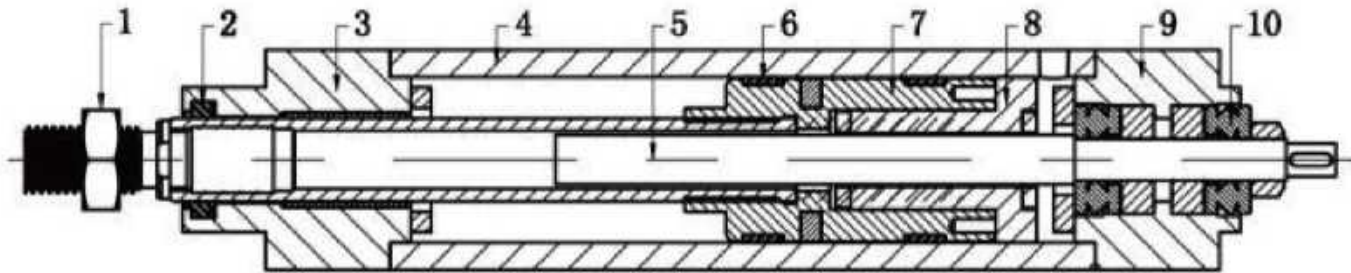
电动缸系数 Electric Cylinder Coefficient	缸体材质 Cylinder Material	丝杆型号 Ball Screw Model	丝杆额定动载荷 (kgf) Ball Screw Rated Dynamic Load (kgf)
40缸 40 cylinder	铝合金 Aluminum Alloy	Φ12	661
50缸 50 cylinder	铝合金 Aluminum Alloy	Φ16	1112
63缸 63 cylinder	铝合金 Aluminum Alloy	Φ20	1516
80缸 80 cylinder	铝合金 Aluminum Alloy	Φ32	4805
100缸 100 cylinder	铝合金 Aluminum Alloy	Φ40	5399
140缸 140 cylinder	钢制 Made Of Steel	Φ50	7142
180缸 180 cylinder	钢制 Made Of Steel	Φ63	11444

材料
Material Science
剖面图
Profile



1	螺母 Nut	合金钢 Alloy steel
2	防尘圈 Dust seal	PU PU
3	前盖 Front cover	阳极氧化精制铝合金 Anodized refined aluminum
4	缸筒 Cylinder barrel	电镀精制铝合金 Electroplated refined alumi
5	丝杆 Screw rod	轧钢 Steel rolling
6	导向带 Guide belt	POM POM
7	活塞 Piston	铝合金 Aluminium alloy
8	丝杆螺母 Screw nut	轧钢 Steel rolling
9	后盖 Back cove	阳极氧化精制铝合金 Anodized refined aluminum
10	轴承 Bearing	轴承钢 Bearing steel

材料
Material Science
剖面图
Profile



1	螺母 Nut	合金钢 Alloy steel
2	防尘圈 Dust seal	PU PU
3	前盖 Front cover	阳极氧化精制铝合金 Anodized refined aluminum alloy
4	缸筒 Cylinder barrel	电镀精制铝合金 Electroplated refined aluminum alloy
5	丝杆 Screw rod	轧钢 Steel rolling
6	导向带 Guide belt	POM POM
7	活塞 Piston	铝合金 Aluminium alloy
8	丝杆螺母 Screw nut	轧钢 Steel rolling
9	后盖 Back cove	阳极氧化精制铝合金 Anodized refined aluminum alloy
10	轴承 Bearing	轴承钢 Bearing steel

SDTC-40

40缸直连系列

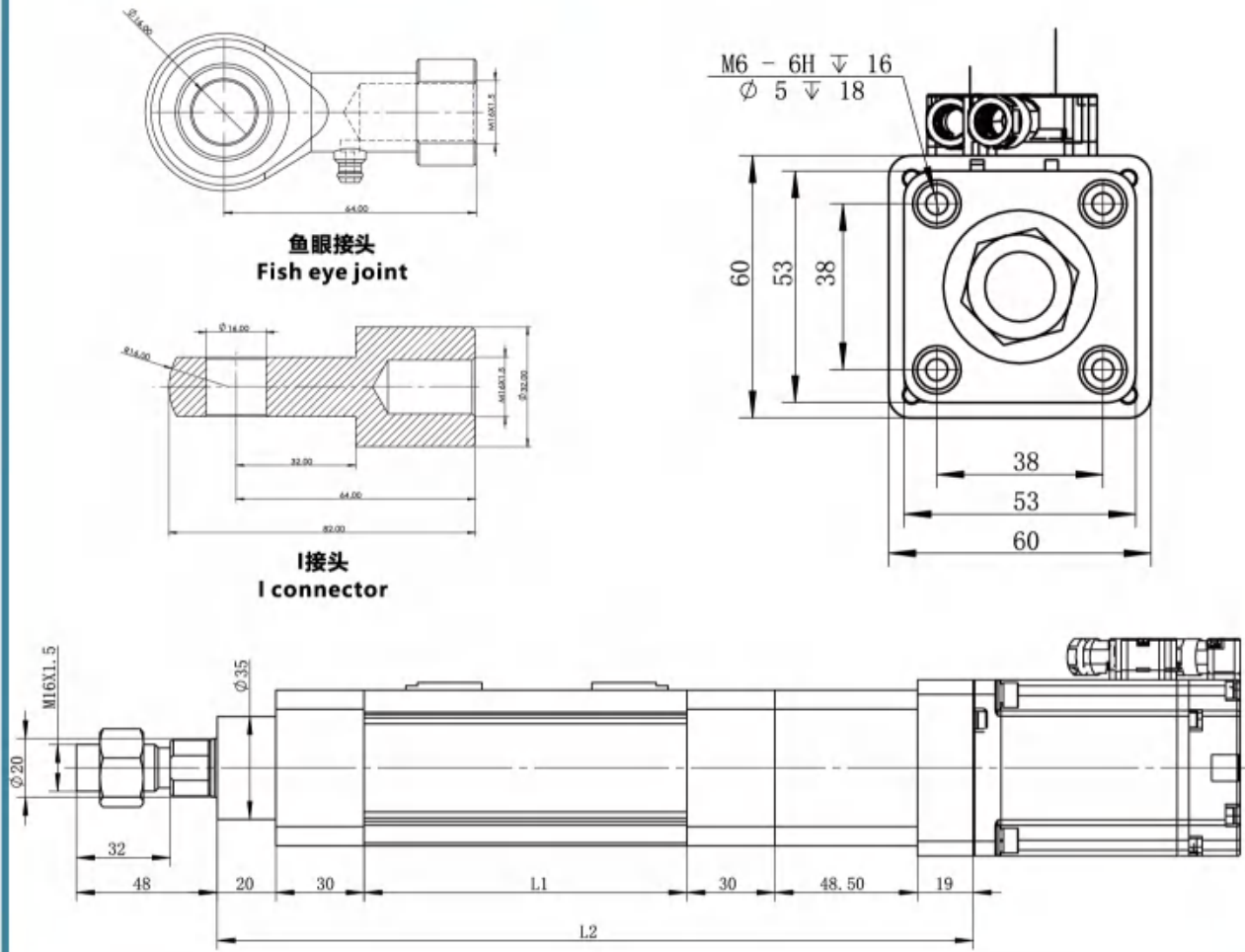
40 Series Direct Connection Cylinder



螺杆规格: 1205 Lead Screw Specification:1205			
伺服电机功率 Servo Motor Power	[KW]	0.2	0.4
额定扭矩 Rated Torque	[N.M]	0.64	1.27
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	0.68	1.36
最大出力 Maximum Thrust	[KN]	2	
额定速度 Rated Linear Speed	[mm/s]	250	250
最大速度 Maximum Linear Speed	[mm/s]	500	500
最长有效行程 Maximum Effective Stroke	[mm]	600	

螺杆规格: 1210 Lead Screw Specification:1210			
伺服电机功率 Servo Motor Power	[KW]	0.2	0.4
额定扭矩 Rated Torque	[N.M]	0.64	1.27
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	0.34	0.68
最大出力 Maximum Thrust	[KN]	2	
额定速度 Rated Linear Speed	[mm/s]	500	500
最大速度 Maximum Linear Speed	[mm/s]	1000	1000
最长有效行程 Maximum Effective Stroke	[mm]	600	

SDTC-40-10-100-3-N-装配图 Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800
SDTC-40	L1	210	310	410	510	610	710	810	910
	L2	337.5	437.5	537.5	637.5	737.5	837.5	937.5	1037.5

SDTB-40

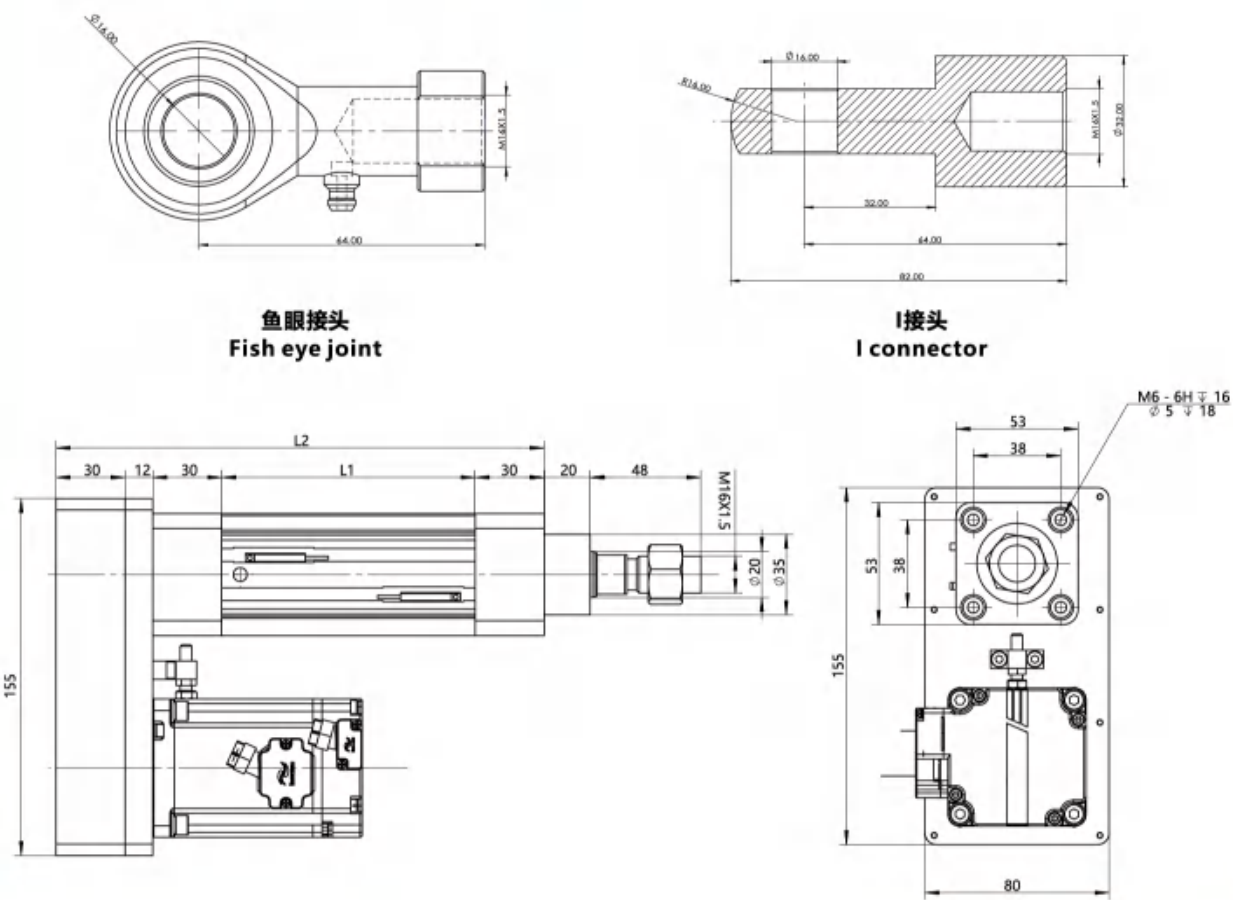
40缸折叠系列
40 Series Folding Cylinder



螺杆规格: 1205 Lead Screw Specification:1205			
伺服电机功率 Servo Motor Power	[KW]	0.2	0.4
额定扭矩 Rated Torque	[N.M]	0.64	1.27
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	0.68	1.36
最大出力 Maximum Thrust	[KN]	2	
额定速度 Rated Linear Speed	[mm/s]	250	250
最大速度 Maximum Linear Speed	[mm/s]	500	500
最长有效行程 Maximum Effective Stroke	[mm]	600	

螺杆规格: 1210 Lead Screw Specification:1210			
伺服电机功率 Servo Motor Power	[KW]	0.2	0.4
额定扭矩 Rated Torque	[N.M]	0.64	1.27
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	0.34	0.68
最大出力 Maximum Thrust	[KN]	2	
额定速度 Rated Linear Speed	[mm/s]	500	500
最大速度 Maximum Linear Speed	[mm/s]	1000	1000
最长有效行程 Maximum Effective Stroke	[mm]	600	

SDTB-40-10-100-3-N-装配图 Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800
SDTB-40	L1	210	310	410	510	610	710	810	910
	L2	312	412	512	612	712	812	912	1012

SDTC-50

50缸直连系列

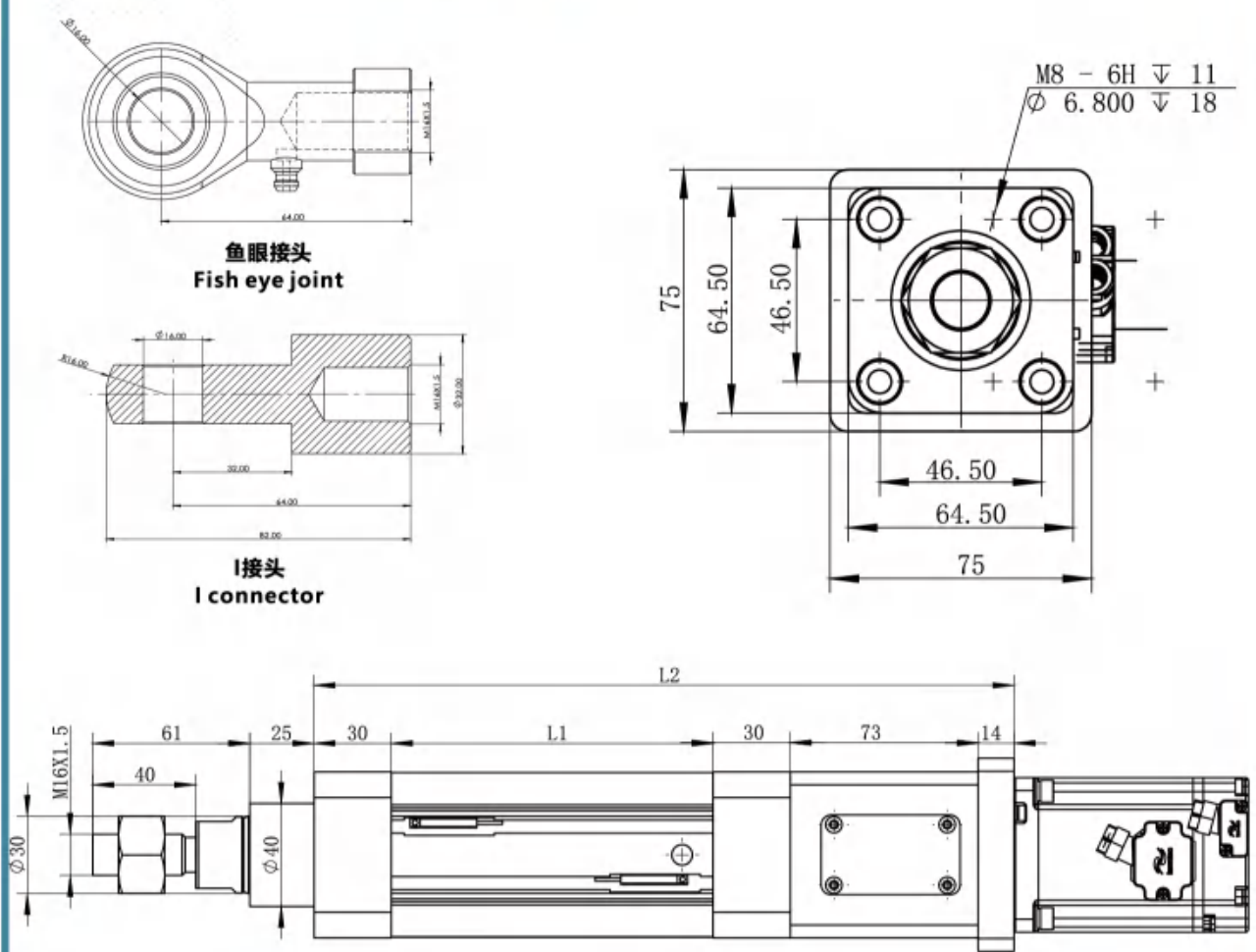
50 Series Direct Connection Cylinder



螺杆规格: 1605 Lead Screw Specification:1605			
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75
额定扭矩 Rated Torque	[N.M]	1.27	2.39
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	1.36	2.55
最大出力 Maximum Thrust	[KN]	6	
额定速度 Rated Linear Speed	[mm/s]	250	250
最大速度 Maximum Linear Speed	[mm/s]	500	500
最长有效行程 Maximum Effective Stroke	[mm]	600	

螺杆规格: 1610 Lead Screw Specification:1610			
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75
额定扭矩 Rated Torque	[N.M]	1.27	2.39
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	0.68	1.27
最大出力 Maximum Thrust	[KN]	6	
额定速度 Rated Linear Speed	[mm/s]	500	500
最大速度 Maximum Linear Speed	[mm/s]	1000	1000
最长有效行程 Maximum Effective Stroke	[mm]	600	

SDTC-50-10-100-3-N-装配图Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800
SDTC-50	L1	225	325	425	525	625	725	825	925
	L2	372	472	572	672	772	872	972	1072

SDTB-50

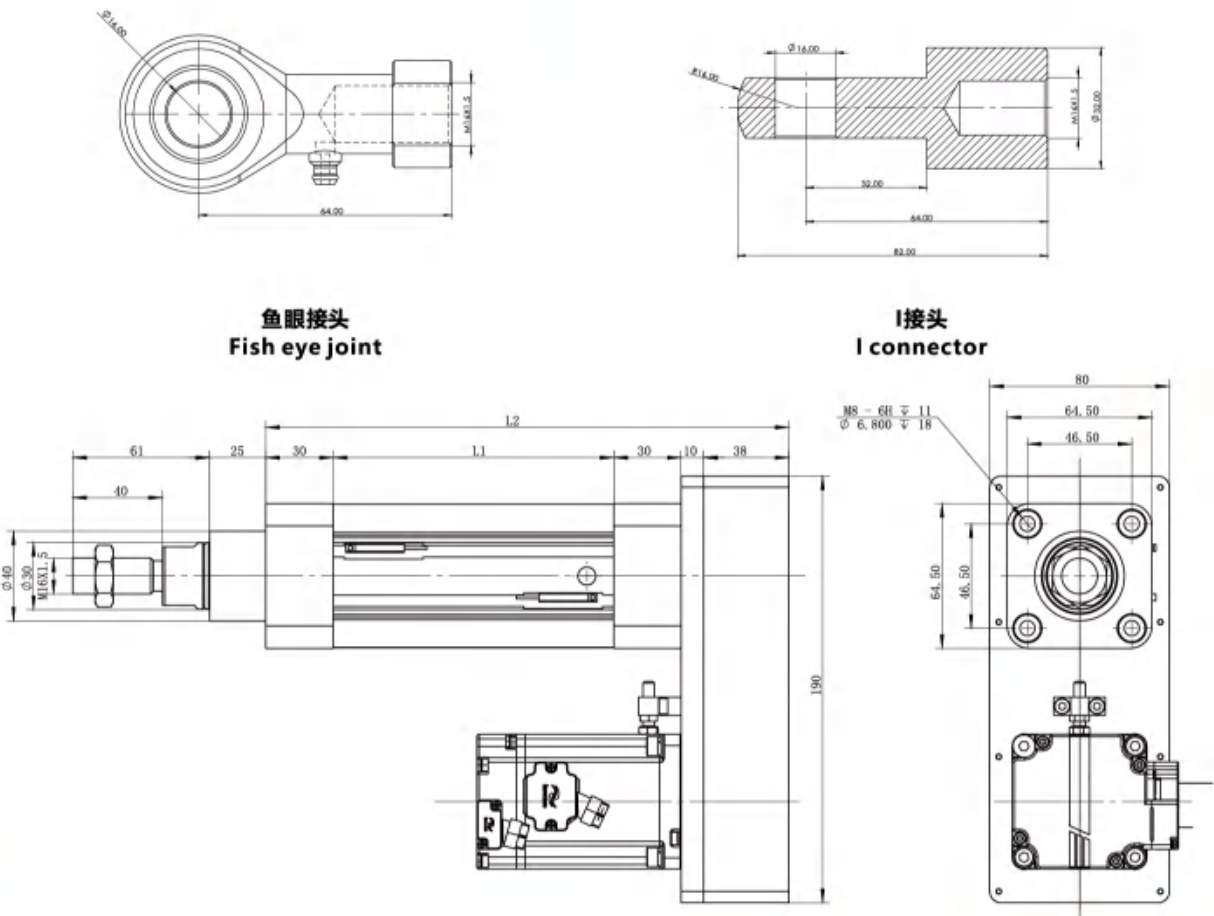
50缸折叠系列 50 Series Folding Cylinder



螺杆规格: 1605 Lead Screw Specification:1605			
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75
额定扭矩 Rated Torque	[N.M]	1.27	2.39
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	1.36	2.55
最大出力 Maximum Thrust	[KN]	6	
额定速度 Rated Linear Speed	[mm/s]	250	250
最大速度 Maximum Linear Speed	[mm/s]	500	500
最长有效行程 Maximum Effective Stroke	[mm]	600	

螺杆规格: 1610 Lead Screw Specification:1610			
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75
额定扭矩 Rated Torque	[N.M]	1.27	2.39
额定转速 Rated Rotational Speed	[r/min]	3000	3000
额定出力 Rated Thrust	[KN]	0.68	1.27
最大出力 Maximum Thrust	[KN]	6	
额定速度 Rated Linear Speed	[mm/s]	500	500
最大速度 Maximum Linear Speed	[mm/s]	1000	1000
最长有效行程 Maximum Effective Stroke	[mm]	600	

SDTB-50-10-100-3-N-装配图Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800
SDTB-50	L1	225	325	425	525	625	725	825	925
	L2	333	433	533	633	733	833	933	1033

SDTC-63

63缸直连系列

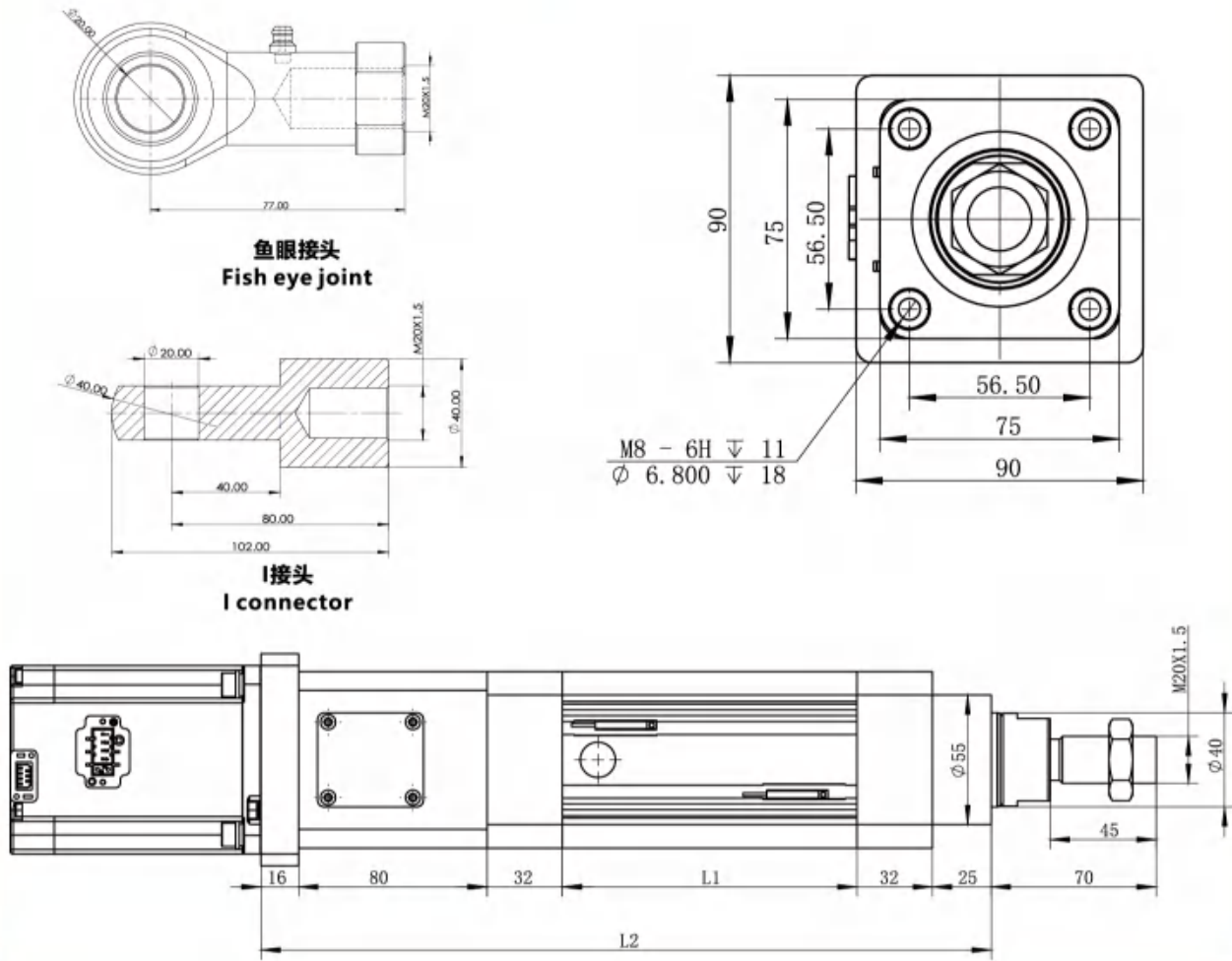
63 Series Direct Connection Cylinder



螺杆规格: 2005 Lead Screw Specification:2005				
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75	
额定扭矩 Rated Torque	[N.M]	1.27	2.39	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	
减速比 Reduction Ratio		3	5	3
额定出力 Rated Thrust	[KN]	4.08	6.8	7.65
最大出力 Maximum Thrust	[KN]	10	10	
额定速度 Rated Linear Speed	[mm/s]	83.33	50	83.33
最大速度 Maximum Linear Speed	[mm/s]	167	100	167
最长有效行程 Maximum Effective Stroke	[mm]	800		

螺杆规格: 2010 Lead Screw Specification:2010				
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75	
额定扭矩 Rated Torque	[N.M]	1.27	2.39	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	
减速比 Reduction Ratio		3	5	3
额定出力 Rated Thrust	[KN]	2.04	3.4	3.82
最大出力 Maximum Thrust	[KN]	10	10	
额定速度 Rated Linear Speed	[mm/s]	166.67	100	166.67
最大速度 Maximum Linear Speed	[mm/s]	333	200	333
最长有效行程 Maximum Effective Stroke	[mm]	800		

SDTC-63-10-100-3-N-装配图 Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800
SDTC-63	L1	225	325	425	525	625	725	825	925
	L2	385	485	585	685	785	885	985	1085

SDTB-63

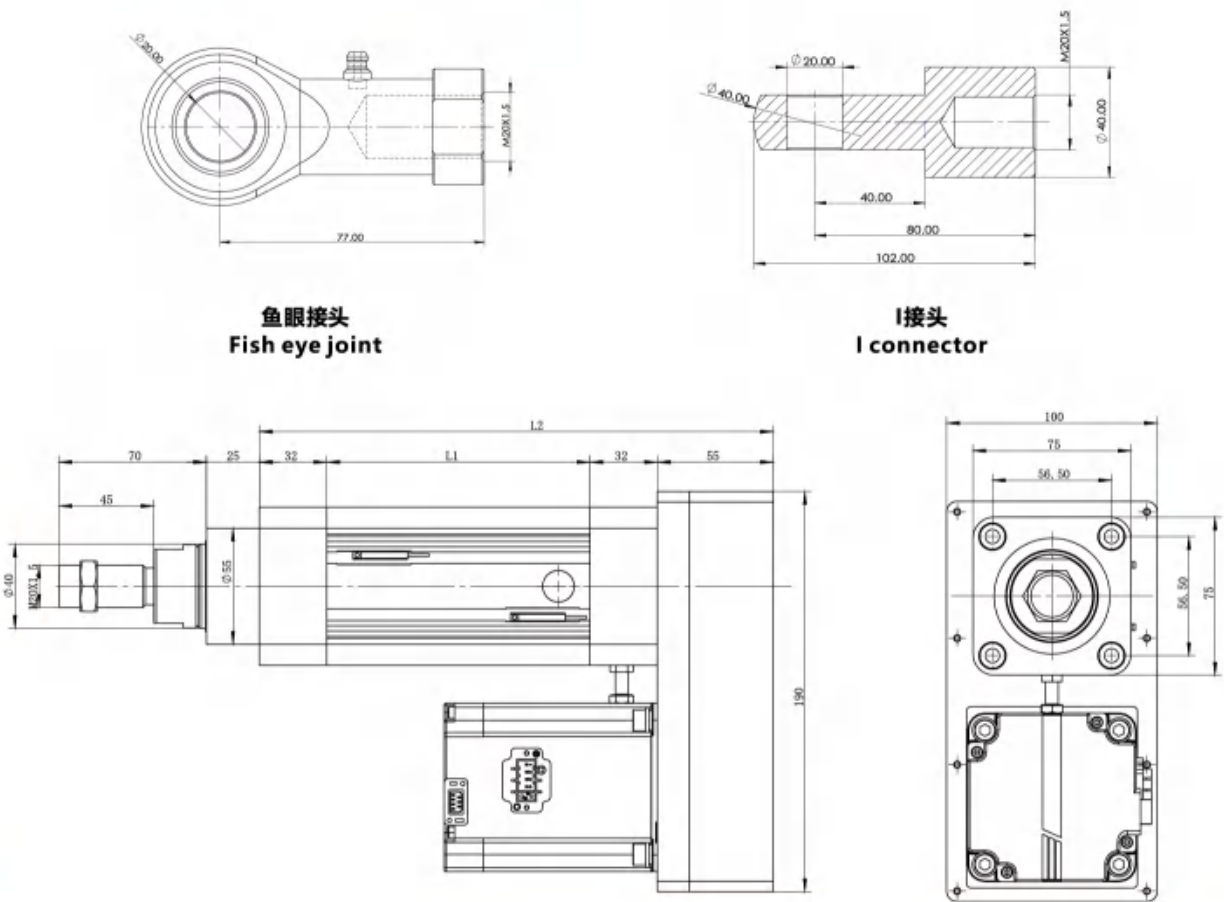
63缸折叠系列 63 Series Folding Cylinder



螺杆规格: 2005 Lead Screw Specification:2005			
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75
额定扭矩 Rated Torque	[N.M]	1.27	2.39
额定转速 Rated Rotational Speed	[r/min]	3000	3000
减速比 Reduction Ratio		3	5
额定出力 Rated Thrust	[KN]	4.08	7.65
最大出力 Maximum Thrust	[KN]	10	10
额定速度 Rated Linear Speed	[mm/s]	83.33	50
最大速度 Maximum Linear Speed	[mm/s]	167	100
最长有效行程 Maximum Effective Stroke	[mm]	800	

螺杆规格: 2010 Lead Screw Specification:2010			
伺服电机功率 Servo Motor Power	[KW]	0.4	0.75
额定扭矩 Rated Torque	[N.M]	1.27	2.39
额定转速 Rated Rotational Speed	[r/min]	3000	3000
减速比 Reduction Ratio		3	5
额定出力 Rated Thrust	[KN]	2.04	3.4
最大出力 Maximum Thrust	[KN]	10	10
额定速度 Rated Linear Speed	[mm/s]	166.67	100
最大速度 Maximum Linear Speed	[mm/s]	333	200
最长有效行程 Maximum Effective Stroke	[mm]	800	

SDTB-63-10-100-3-N-装配图Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800
SDTB-63	L1	225	325	425	525	625	725	825	925
	L2	344	444	544	644	744	844	944	1044

SDTC-80

80缸直连系列

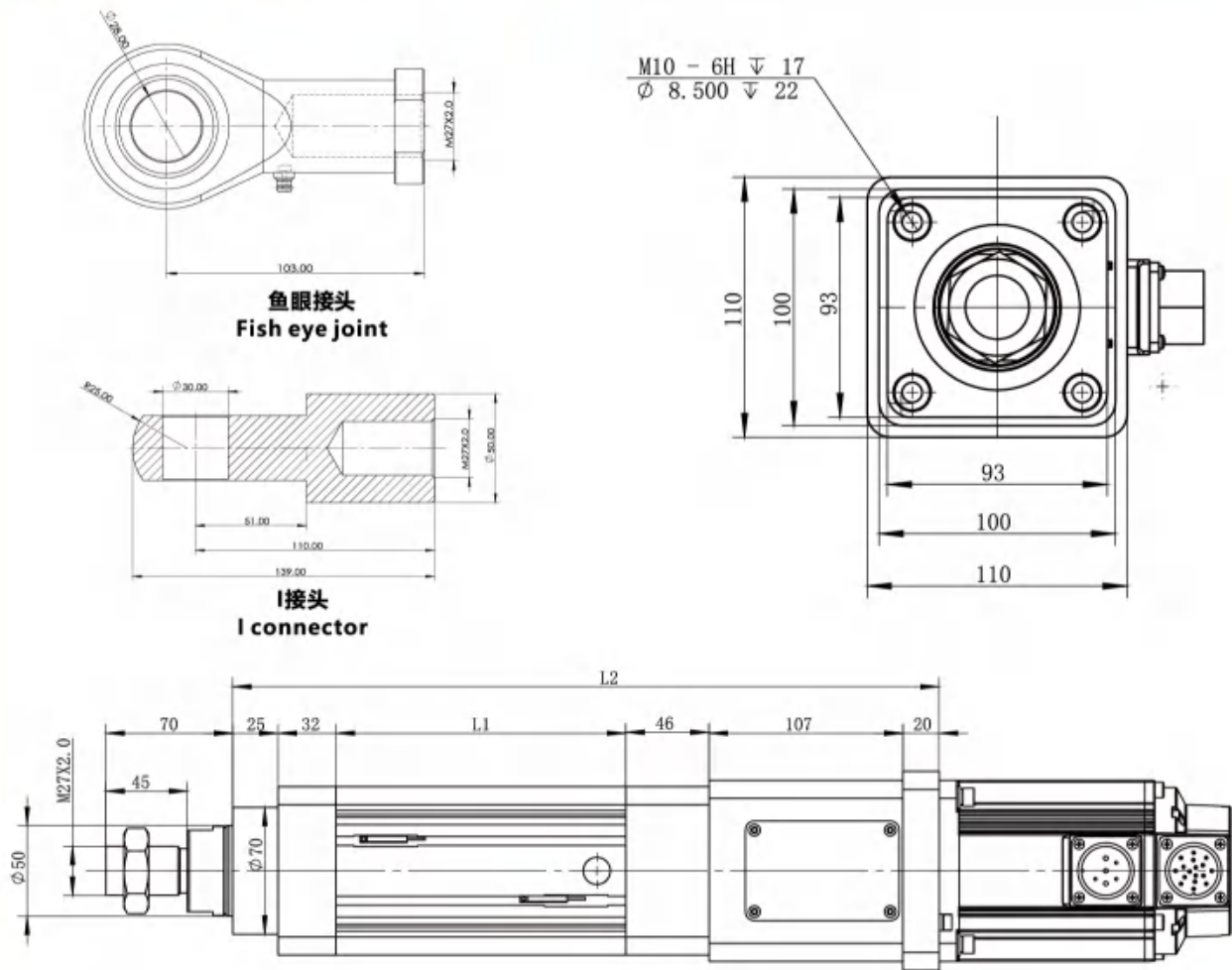
80 Series Direct Connection Cylinder



螺杆规格: 3205 Lead Screw Specification:3205				
伺服电机功率 Servo Motor Power	[KW]	0.75	1	
额定扭矩 Rated Torque	[N.M]	2.39	3.18	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	
减速比 Reduction Ratio		3	5	3
额定出力 Rated Thrust	[KN]	7.65	12.75	10.19
最大出力 Maximum Thrust	[KN]	20	20	
额定速度 Rated Linear Speed	[mm/s]	83.33	50	83.33
最大速度 Maximum Linear Speed	[mm/s]	167	100	167
最长有效行程 Maximum Effective Stroke	[mm]	1200		

螺杆规格: 3210 Lead Screw Specification:3210				
伺服电机功率 Servo Motor Power	[KW]	0.75	1	
额定扭矩 Rated Torque	[N.M]	2.39	3.18	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	
减速比 Reduction Ratio		3	5	3
额定出力 Rated Thrust	[KN]	3.82	6.37	5.1
最大出力 Maximum Thrust	[KN]	20	20	
额定速度 Rated Linear Speed	[mm/s]	166.67	100	166.67
最大速度 Maximum Linear Speed	[mm/s]	333	200	333
最长有效行程 Maximum Effective Stroke	[mm]	1200		

SDTC-80-10-100-3-N-装配图 Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800	900	1000	1200
SDTC-80	L1	260	360	460	560	660	760	860	960	1060	1160	1260
	L2	465	565	665	765	865	965	1065	1165	1265	1365	1465

SDTB-80

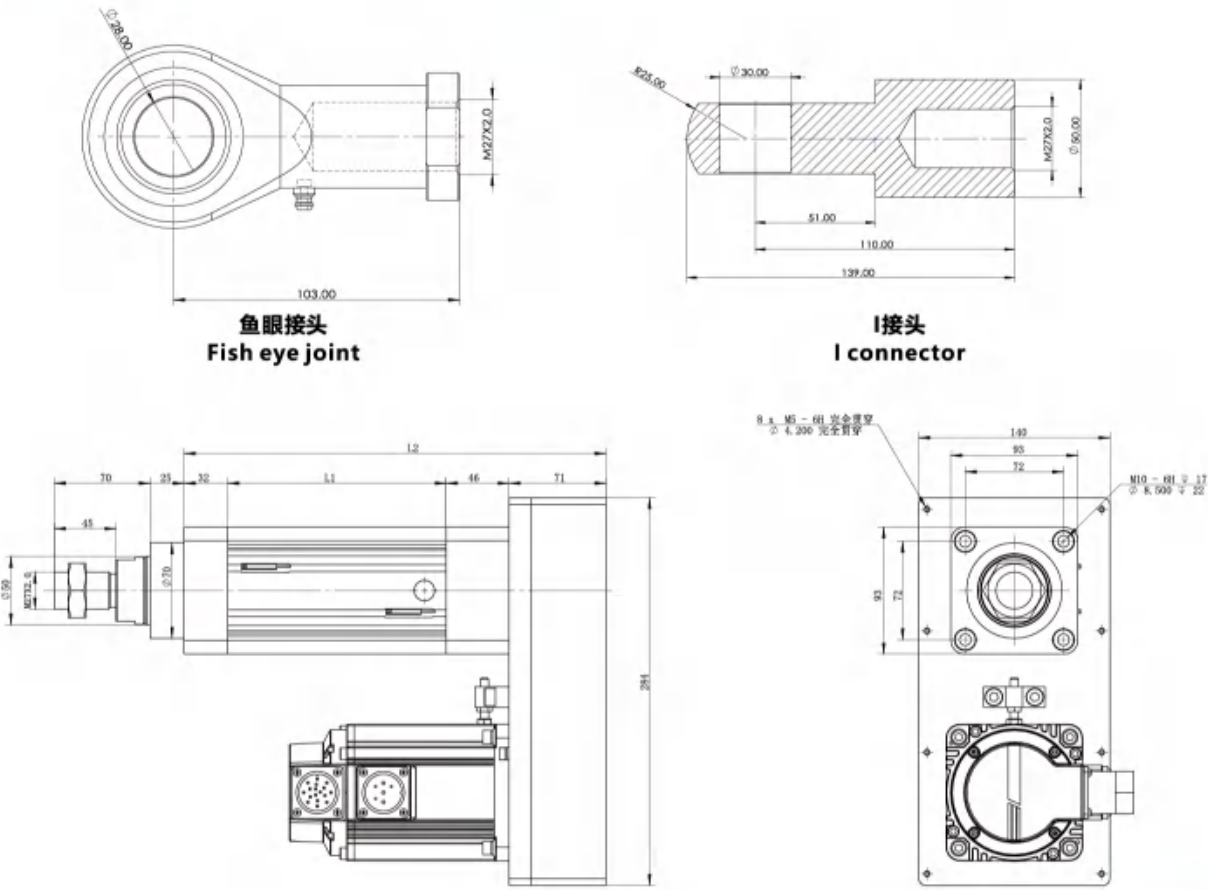
80缸折叠系列 80 Series Folding Cylinder



螺杆规格: 3205 Lead Screw Specification:3205				
伺服电机功率 Servo Motor Power	[KW]	0.75	1	
额定扭矩 Rated Torque	[N.M]	2.39	3.18	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	
减速比 Reduction Ratio		3	5	3
额定出力 Rated Thrust	[KN]	7.65	12.75	10.19
最大出力 Maximum Thrust	[KN]	20		20
额定速度 Rated Linear Speed	[mm/s]	83.33	50	83.33
最大速度 Maximum Linear Speed	[mm/s]	167	100	167
最长有效行程 Maximum Effective Stroke	[mm]	1200		

螺杆规格: 3210 Lead Screw Specification:3210				
伺服电机功率 Servo Motor Power	[KW]	0.75	1	
额定扭矩 Rated Torque	[N.M]	2.39	3.18	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	
减速比 Reduction Ratio		3	5	3
额定出力 Rated Thrust	[KN]	3.82	6.37	5.1
最大出力 Maximum Thrust	[KN]	20		20
额定速度 Rated Linear Speed	[mm/s]	166.67	100	166.67
最大速度 Maximum Linear Speed	[mm/s]	333	200	333
最长有效行程 Maximum Effective Stroke	[mm]	1200		

SDTB-80-10-100-3-N-装配图 Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800	900	1000	1200
SDTB-80	L1	260	360	460	560	660	760	860	960	1060	1160	1260
	L2	409	509	609	709	809	909	1009	1109	1209	1309	1409

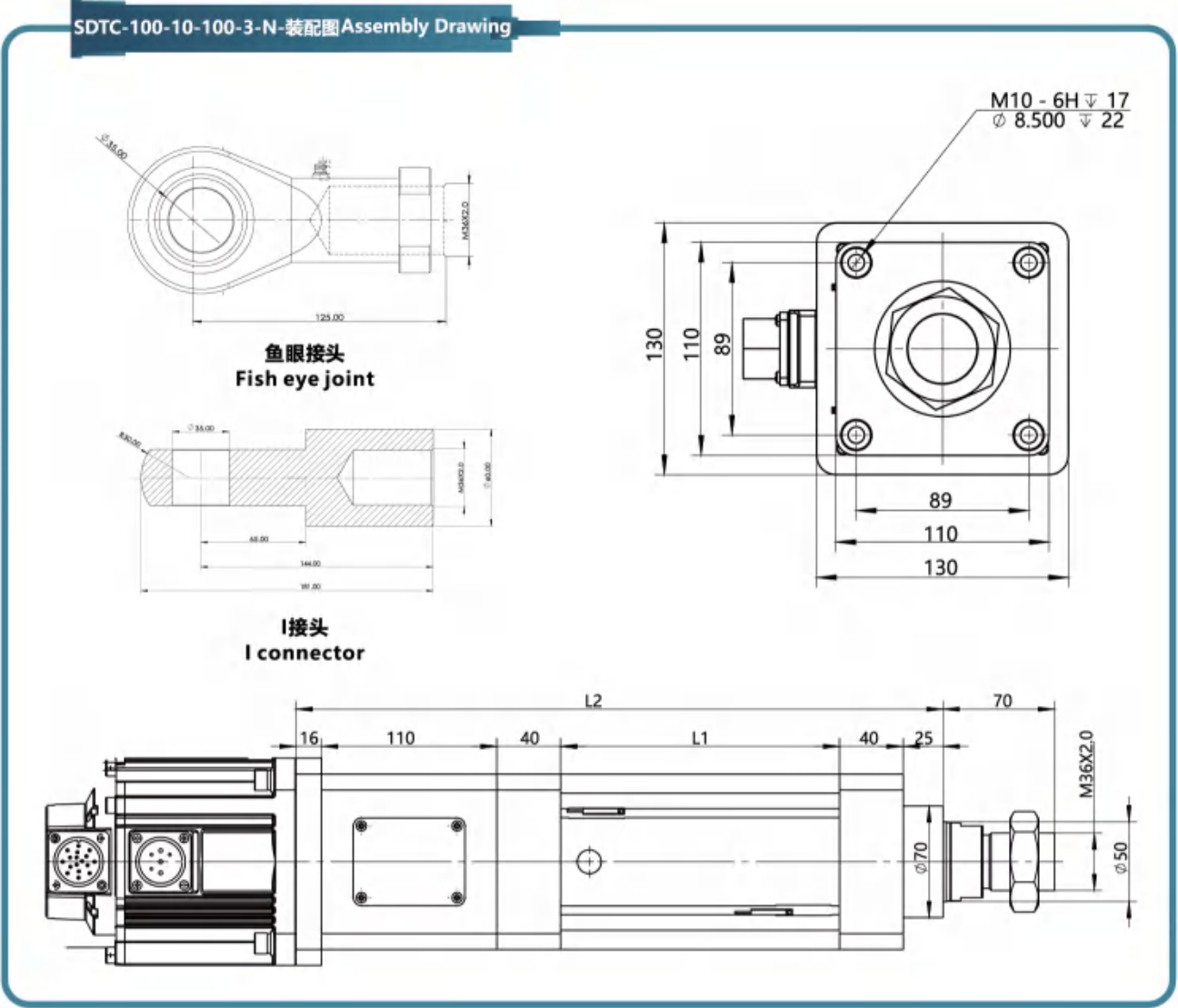
SDTC-100

100缸直连系列

100 Series Direct Connection Cylinder



螺杆规格: 4005 Lead Screw Specification:4005				螺杆规格: 4010 Lead Screw Specification:4010					
伺服电机功率 Servo Motor Power	[KW]	1	1.5	伺服电机功率 Servo Motor Power	[KW]	1	1.5	2	
额定扭矩 Rated Torque	[N.M]	3.18	4.77	额定扭矩 Rated Torque	[N.M]	3.18	4.77	6.37	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	额定转速 Rated Rotational Speed	[r/min]	3000	3000	3000	
减速比 Reduction Ratio		3	3	减速比 Reduction Ratio		3	5	3	5
额定出力 Rated Thrust	[KN]	10.19	15.29	额定出力 Rated Thrust	[KN]	5.1	8.5	7.65	12.74
最大出力 Maximum Thrust	[KN]	30	30	最大出力 Maximum Thrust	[KN]	30	30	30	
额定速度 Rated Linear Speed	[mm/s]	83.33	83.33	额定速度 Rated Linear Speed	[mm/s]	166.67	100	166.67	100
最大速度 Maximum Linear Speed	[mm/s]	167	167	最大速度 Maximum Linear Speed	[mm/s]	333	200	333	200
最长有效行程 Maximum Effective Stroke	[mm]	1500		最长有效行程 Maximum Effective Stroke	[mm]	1500			



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800	900	1000	1200	1300	1400	1500
SDTC-100	L1	275	375	475	575	675	775	875	975	1075	1175	1275	1375	1475	1575
	L2	481	581	681	781	881	981	1081	1181	1281	1381	1481	1581	1681	1781

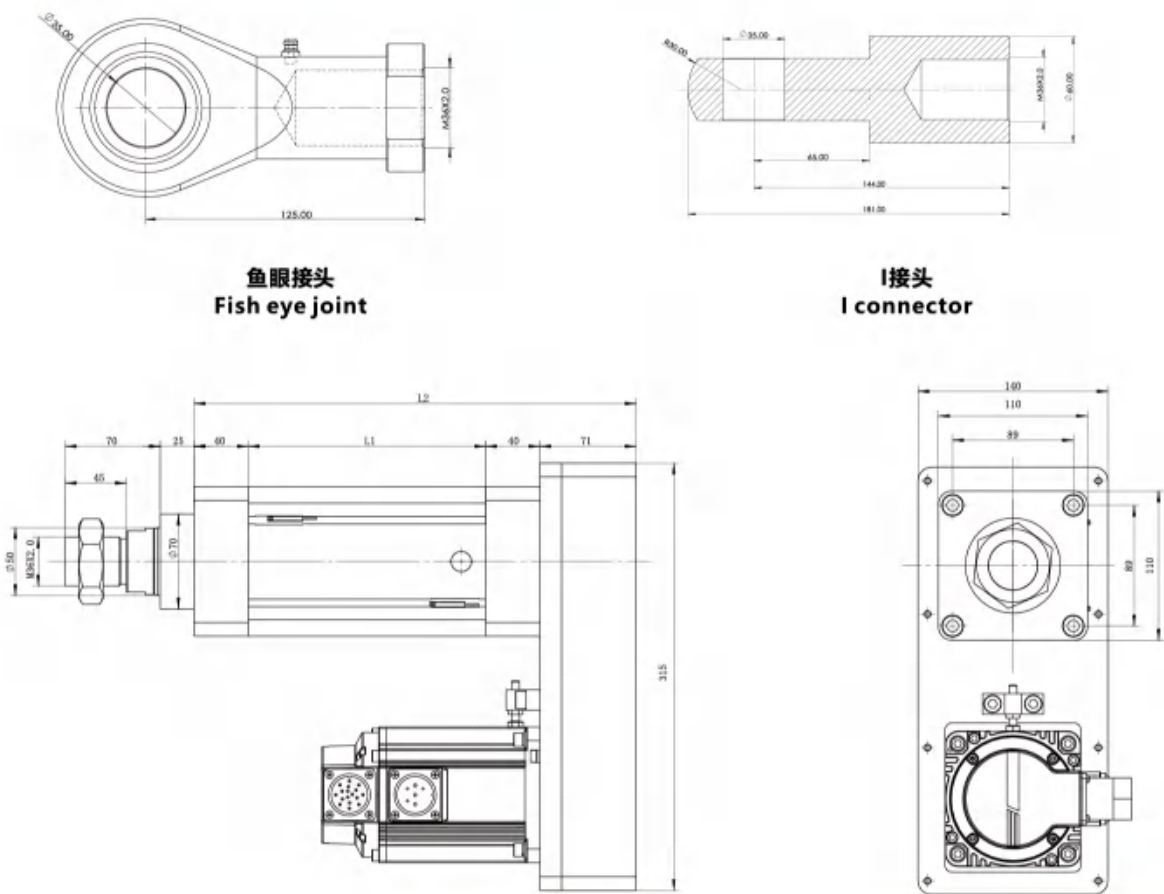
SDTB-100

100缸折叠系列 100 Series Folding Cylinder



螺杆规格: 4005 Lead Screw Specification:1205				螺杆规格: 4010 Lead Screw Specification:1210					
伺服电机功率 Servo Motor Power	[KW]	1	1.5	伺服电机功率 Servo Motor Power	[KW]	1	1.5	2	
额定扭矩 Rated Torque	[N.M]	3.18	4.77	额定扭矩 Rated Torque	[N.M]	3.18	4.77	6.37	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	额定转速 Rated Rotational Speed	[r/min]	3000	3000	3000	
减速比 Reduction Ratio		3	3	减速比 Reduction Ratio		3	5	3	5
额定出力 Rated Thrust	[KN]	10.19	15.29	额定出力 Rated Thrust	[KN]	5.1	8.5	7.65	12.74
最大出力 Maximum Thrust	[KN]	30	30	最大出力 Maximum Thrust	[KN]	30	30	30	30
额定速度 Rated Linear Speed	[mm/s]	83.33	83.33	额定速度 Rated Linear Speed	[mm/s]	166.67	100	166.67	100
最大速度 Maximum Linear Speed	[mm/s]	167	167	最大速度 Maximum Linear Speed	[mm/s]	333	200	333	200
最长有效行程 Maximum Effective Stroke	[mm]	1500		最长有效行程 Maximum Effective Stroke	[mm]	1500			

SDTB-100-10-100-3-N-装配图Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500	600	700	800	900	1000	1200	1300	1400	1500
SDTB-100	L1	275	375	475	575	675	775	875	975	1075	1175	1275	1375	1475	1575
	L2	426	526	626	726	826	926	1026	1126	1226	1326	1426	1526	1626	1726

SDTC-140

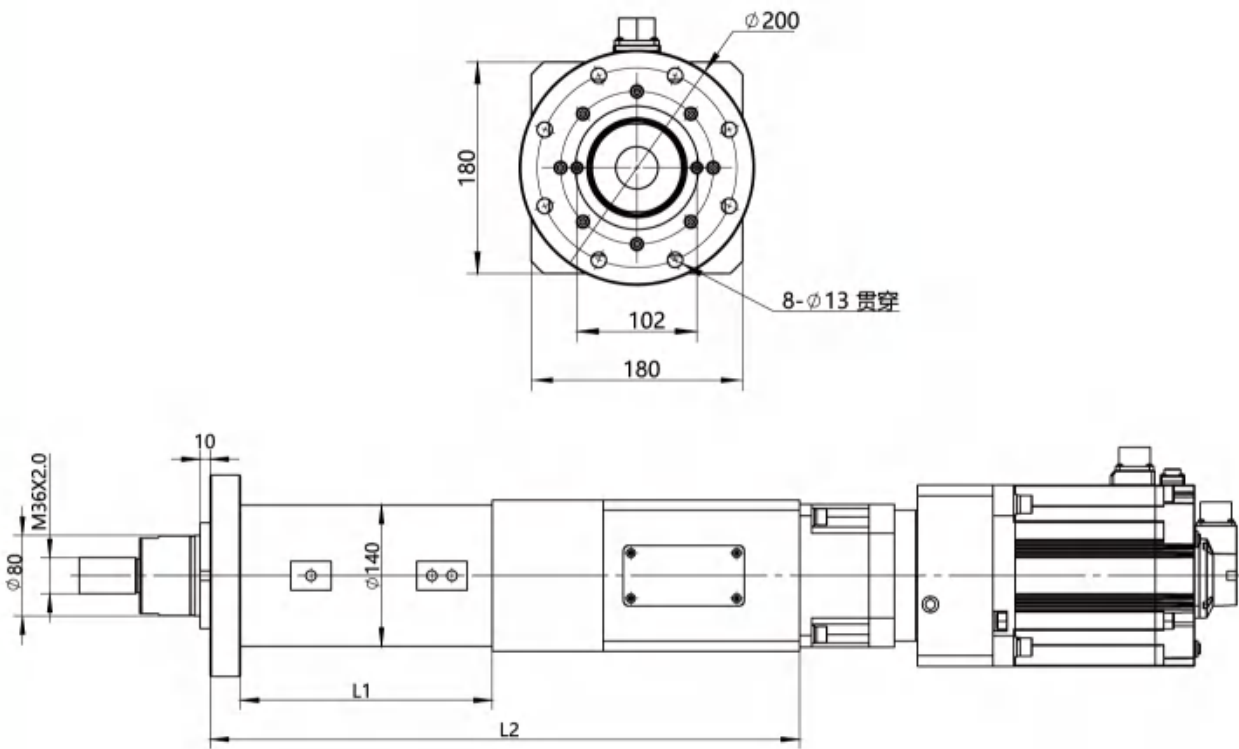
140缸直连系列

140 Series Direct Connection Cylinder



螺杆规格: 5010 Lead Screw Specification:5010							螺杆规格: 5020 Lead Screw Specification:5020						
伺服电机功率 Servo Motor Power	[KW]	3		4		5	伺服电机功率 Servo Motor Power	[KW]	3		4		5
额定扭矩 Rated Torque	[N.M]	9.55		12.73		15.92	额定扭矩 Rated Torque	[N.M]	9.55		12.73		15.92
额定转速 Rated Rotational Speed	[r/min]	3000		3000		3000	额定转速 Rated Rotational Speed	[r/min]	3000		3000		3000
减速比 Reduction Ratio		3	7	3	5	3	减速比 Reduction Ratio		7	10	7	10	7
额定出力 Rated Thrust	[KN]	15.29	35.68	20.39	33.98	25.49	额定出力 Rated Thrust	[KN]	17.84	25.49	23.79	33.98	29.73
最大出力 Maximum Thrust	[KN]	50		50		50	最大出力 Maximum Thrust	[KN]	50		50		50
额定速度 Rated Linear Speed	[mm/s]		71.43	166.67	100	166.67	额定速度 Rated Linear Speed	[mm/s]	142.86	100	142.86	100	142.86
最大速度 Maximum Linear Speed	[mm/s]	333	143	333	200	333	最大速度 Maximum Linear Speed	[mm/s]	286	200	286	200	286
最长有效行程 Maximum Effective Stroke	[mm]	2200					最长有效行程 Maximum Effective Stroke	[mm]	2200				

SDTC-140-10-100-3-N-装配图 Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500
SDTC-140	L1	350	450	550	650	750
	L2	685	785	885	985	1085

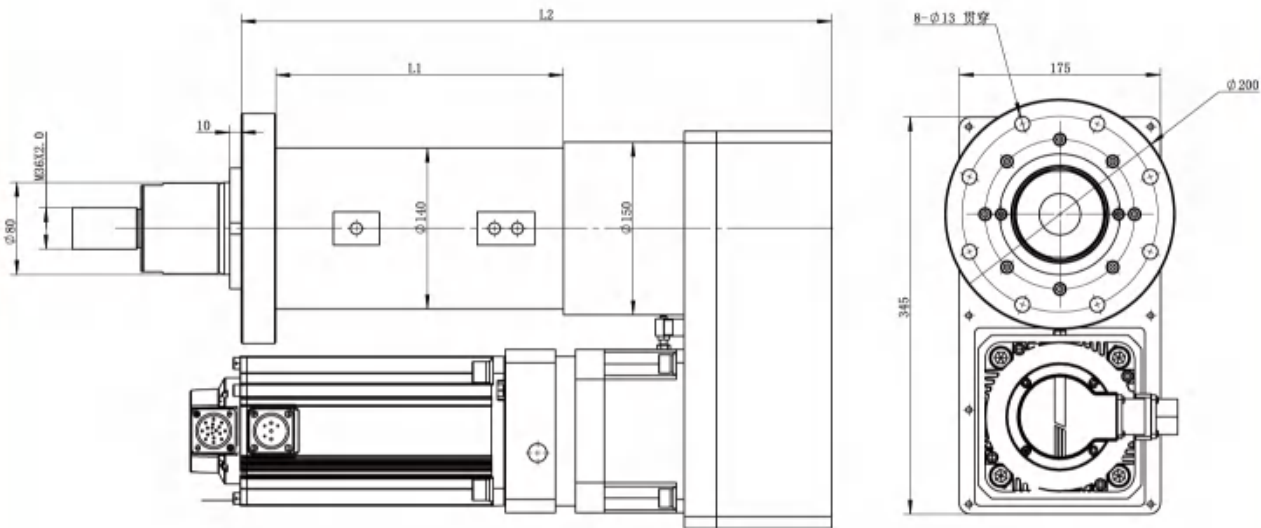
SDTB-140

140缸折叠系列 140 Series Folding Cylinder



螺杆规格：5010 Lead Screw Specification:5010							螺杆规格：5020 Lead Screw Specification:5020						
伺服电机功率 Servo Motor Power	[KW]	3		4		5	伺服电机功率 Servo Motor Power	[KW]	3		4		5
额定扭矩 Rated Torque	[N.M]	9.55		12.73		15.92	额定扭矩 Rated Torque	[N.M]	9.55		12.73		15.92
额定转速 Rated Rotational Speed	[r/min]	3000		3000		3000	额定转速 Rated Rotational Speed	[r/min]	3000		3000		3000
减速比 Reduction Ratio		3	7	3	5	3	减速比 Reduction Ratio		7	10	7	10	7
额定出力 Rated Thrust	[KN]	15.29	35.68	20.39	33.98	25.49	额定出力 Rated Thrust	[KN]	17.84	25.49	23.79	33.98	29.73
最大出力 Maximum Thrust	[KN]	50		50		50	最大出力 Maximum Thrust	[KN]	50		50		50
额定速度 Rated Linear Speed	[mm/s]		71.43	166.67	100	166.67	额定速度 Rated Linear Speed	[mm/s]	142.86	100	142.86	100	142.86
最大速度 Maximum Linear Speed	[mm/s]	333	143	333	200	333	最大速度 Maximum Linear Speed	[mm/s]	286	200	286	200	286
最长有效行程 Maximum Effective Stroke	[mm]	2200					最长有效行程 Maximum Effective Stroke	[mm]	2200				

SDTB-140-10-100-3-N-装配图Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500
SDTB-140	L1	350	450	550	650	750
	L2	613	713	813	913	1013

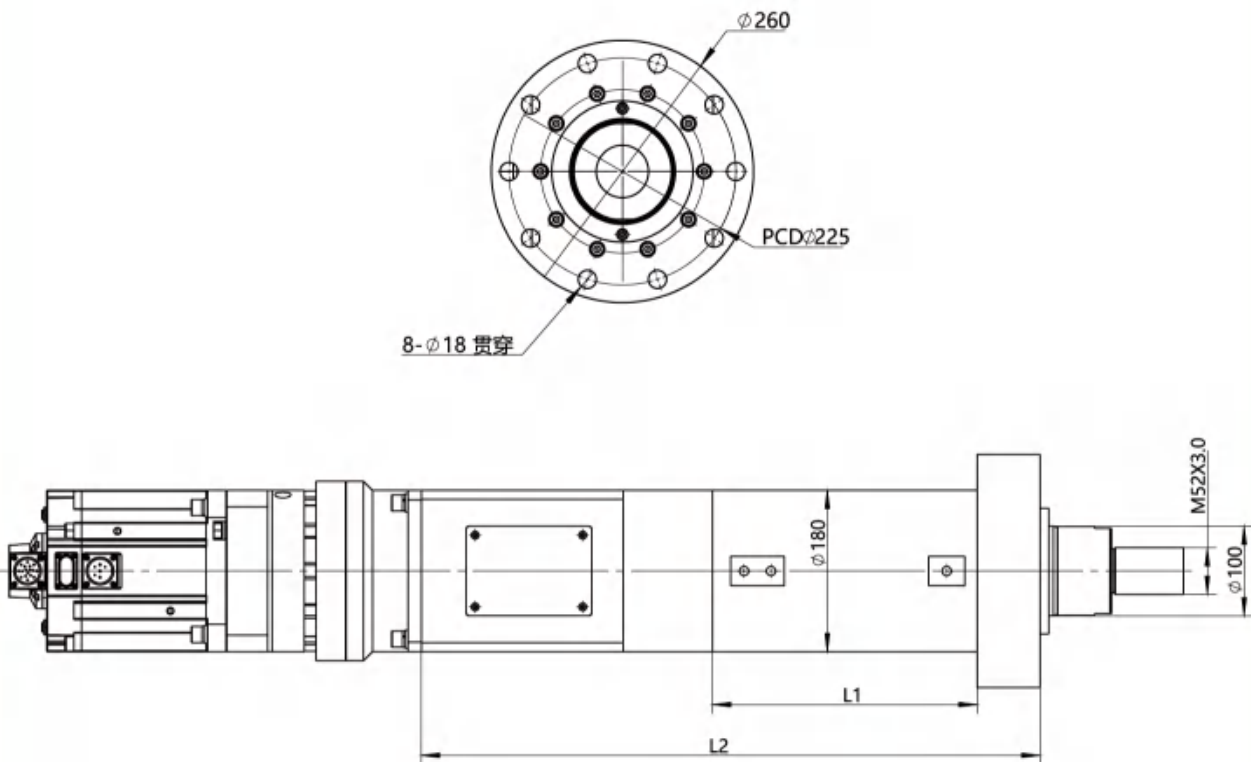
SDTC-180

180缸直连系列 180 Series Direct Connection Cylinder



螺杆规格: 6310 Lead Screw Specification:6310				螺杆规格: 6320 Lead Screw Specification:6320			
伺服电机功率 Servo Motor Power	[KW]	5.5		伺服电机功率 Servo Motor Power	[KW]	5.5	7.5
额定扭矩 Rated Torque	[N.M]	35.01		额定扭矩 Rated Torque	[N.M]	35.01	47.75
额定转速 Rated Rotational Speed	[r/min]	3000		额定转速 Rated Rotational Speed	[r/min]	3000	3000
减速比 Reduction Ratio		2	5	减速比 Reduction Ratio		5	7 3 5
额定出力 Rated Thrust	[KN]	37.38	46.72	额定出力 Rated Thrust	[KN]	46.72	65.41 38.23 63.72
最大出力 Maximum Thrust	[KN]	100	100	最大出力 Maximum Thrust	[KN]	100	100
额定速度 Rated Linear Speed	[mm/s]	125	100	额定速度 Rated Linear Speed	[mm/s]	100	71.43 166.67 100
最大速度 Maximum Linear Speed	[mm/s]	250	200	最大速度 Maximum Linear Speed	[mm/s]	200	143 333 200
最长有效行程 Maximum Effective Stroke	[mm]	2200		最长有效行程 Maximum Effective Stroke	[mm]	2200	

SDTC-180-10-100-3-N-装配图 Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500
SDTC-180	L1	395	495	595	695	795
	L2	790	890	990	1090	1190

SDTB-180

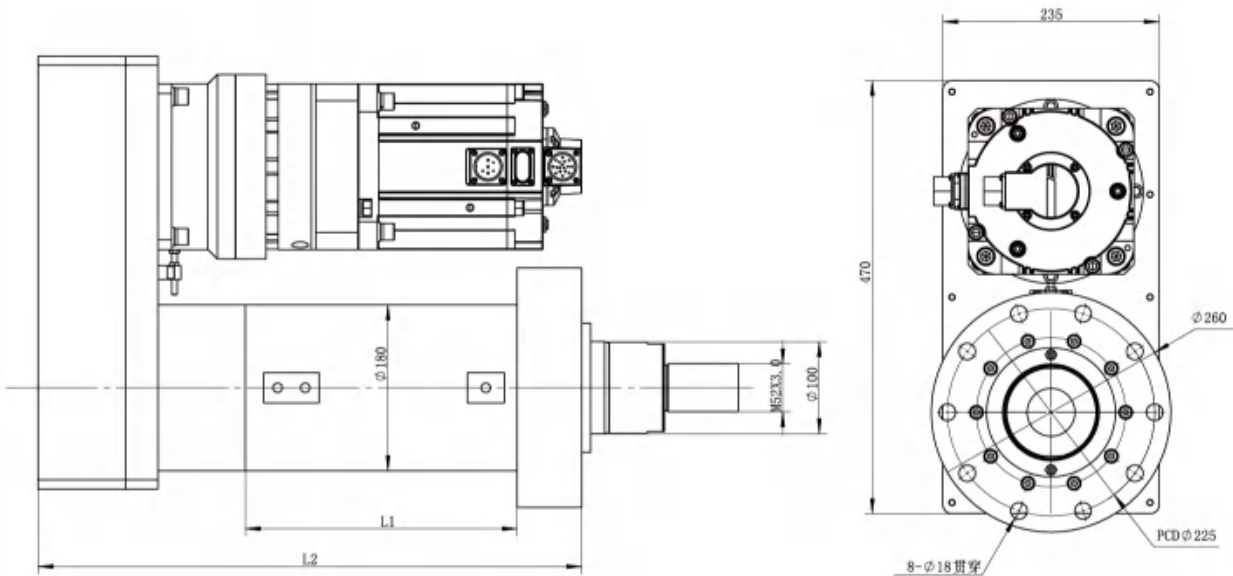
180缸折叠系列 180 Series Folding Cylinder



螺杆规格: 6310 Lead Screw Specification:6310			
伺服电机功率 Servo Motor Power	[KW]	5.5	
额定扭矩 Rated Torque	[N.M]	35.01	
额定转速 Rated Rotational Speed	[r/min]	3000	
减速比 Reduction Ratio		2	5
额定出力 Rated Thrust	[KN]	37.38	46.72
最大出力 Maximum Thrust	[KN]	100	100
额定速度 Rated Linear Speed	[mm/s]	125	100
最大速度 Maximum Linear Speed	[mm/s]	250	200
最长有效行程 Maximum Effective Stroke	[mm]	2200	

螺杆规格: 6320 Lead Screw Specification:6320				
伺服电机功率 Servo Motor Power	[KW]	5.5	7.5	
额定扭矩 Rated Torque	[N.M]	35.01	47.75	
额定转速 Rated Rotational Speed	[r/min]	3000	3000	
减速比 Reduction Ratio		5	7	3 5
额定出力 Rated Thrust	[KN]	46.72	65.41	38.23 63.72
最大出力 Maximum Thrust	[KN]	100		100
额定速度 Rated Linear Speed	[mm/s]	100	71.43	166.67 100
最大速度 Maximum Linear Speed	[mm/s]	200	143	333 200
最长有效行程 Maximum Effective Stroke	[mm]	2200		

SDTB-180-10-100-3-N-装配图Assembly Drawing



型号 Model	有效行程 Effective stroke	100	200	300	400	500
SDTB-180	L1	395	495	595	695	795
	L2	690	790	890	990	1090