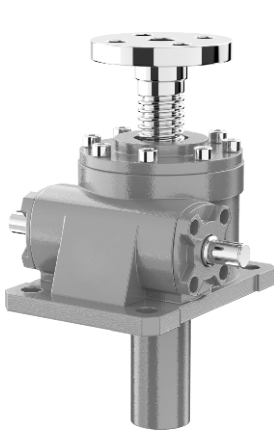
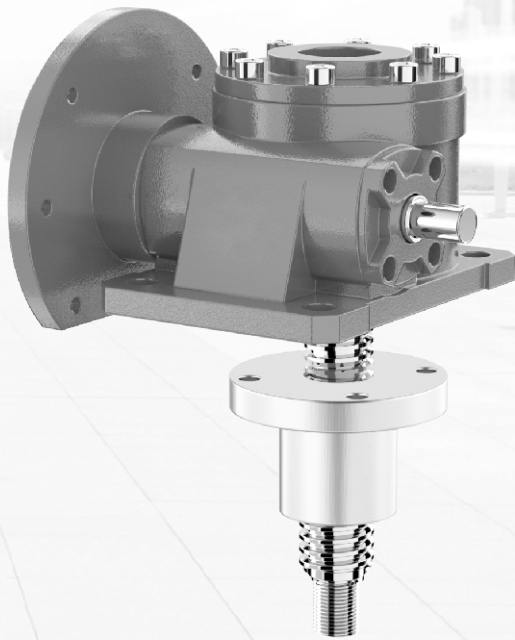
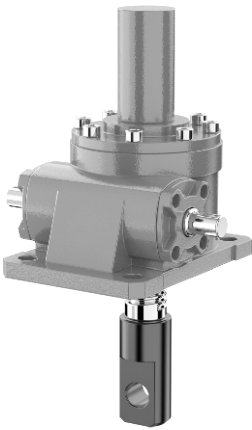


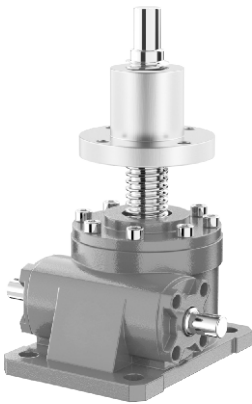
NDM蜗轮丝杆升降机系列
NDM Worm gear screw lifter series



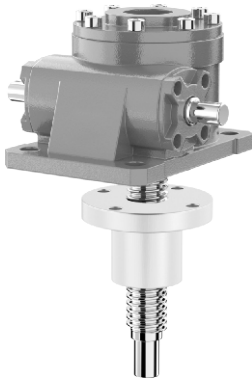
NDM-1A



NDM-1B



NDM-2A



NDM-2B

示例Example：

NDM 5T - 6 - 1 - A - II - 100 - FZ - C
1 2 3 4 5 6 7 8 9

1. NDM：系列号，NDM系列-蜗轮+T型丝杆升降机；NDB系列-蜗轮+T型丝杆升降机；

2. 5T：型号，以升降机的静载能力作为型号；主要有：1T，2.5T，5T，10T，15T，20T，30T，50T，75T，100T；

3. 6：升降机的速比；

4. 1：结构型号；1型：螺母作旋转运动、丝杆作轴向运动（本页展示的产品均为I型）；2型：丝杆作旋转运动、螺母作轴向运动；

5. A：装配型式；A型：丝杆（或螺母）向上（安装面）移动；B型：丝杆（或螺母）向下（安装面）移动；

6. T：丝杆头部型式：1型丝杆头部分为I型（圆柱型）、II型（法兰型）、III型（螺纹型）、IV型（扁头型）四种；
2型丝杆头部分为I型（圆柱型）、III型（螺纹型）；

7. 100：升降行程；客户自定义；

8. FZ：丝杆的防旋和防护；
1型结构有基本型、防旋型（F-键防旋，方管防旋（尺寸参数和我司技术人员确认））和带防护罩型（Z钢管防护-被动侧，X伸缩管防护-主动侧，Q两种都有）；
2型结构有基本型和带防护罩型（X伸缩管防护-主动侧）；

9. C：轴指向A；B；C；
1. NDM: serial number, NDM series - worm gear + T type screw lift; NDB series - worm gear + T type screw lift;

2. 5T: model, with the static load capacity of the lift as the model; mainly: 1T, 2.5T, 5T, 10T, 15T, 20T, 30T, 50T, 75T, 100T;

3. 6: elevator speed ratio;

4. 1: Structural model; Type 1: nut for rotary motion, screw for axial movement (products shown on this page are type I); type 2: screw for rotary motion, nut for axial movement;

5. A: assembly type; type A: the screw (or nut) moves up (mounting surface); type B: the screw (or nut) moves down (mounting surface);

6. T: screw head type: 1 type screw head is divided into I type (cylindrical type), type II (flange type), type III (thread type), type IV (flat head type);
2 type screw head is divided into I type (cylindrical type) and type III (thread type);

7. 100: lifting stroke; customer customization;

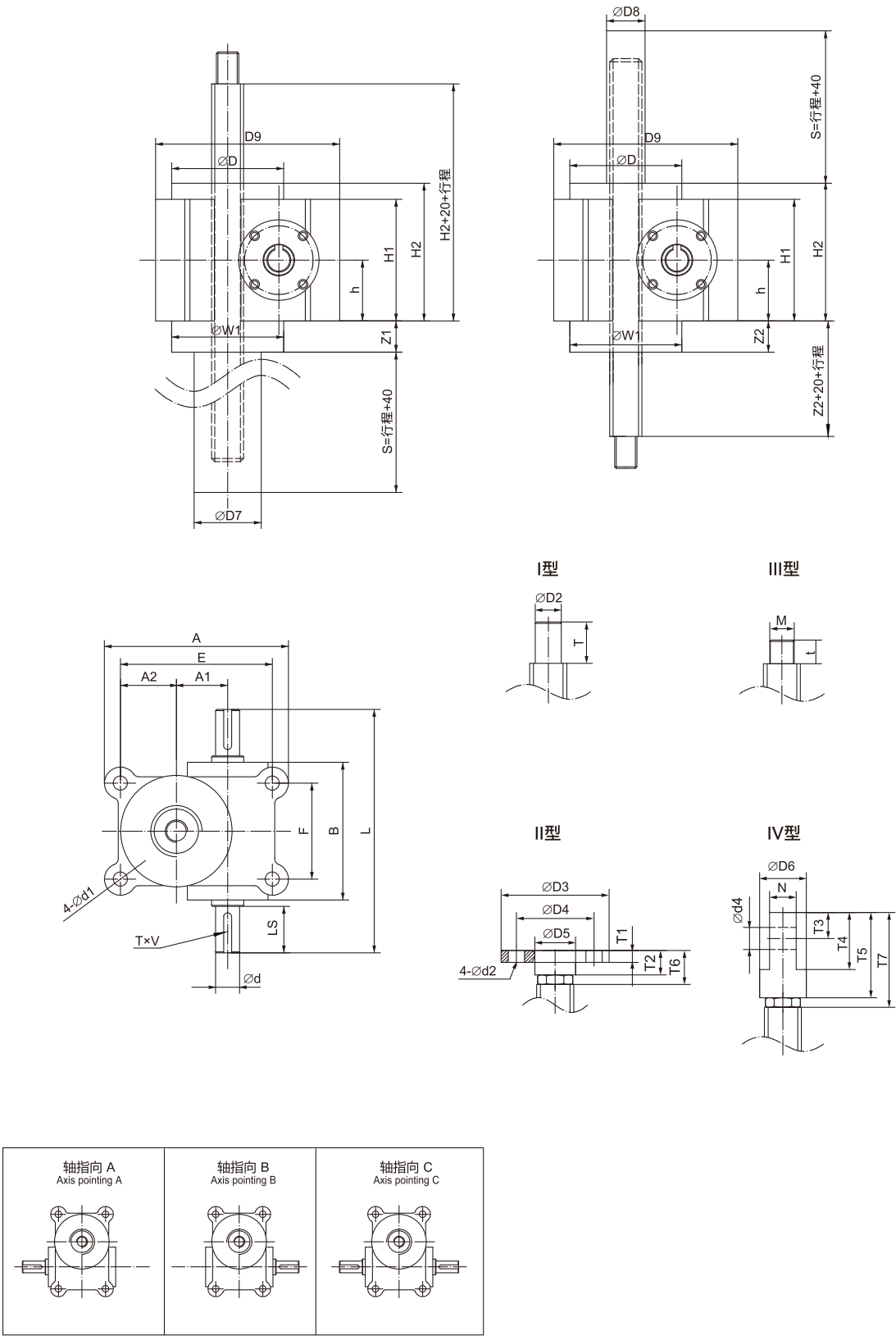
8. FZ: anti-rotation and protection of the screw;
Type 1 structure has basic type, anti-rotation type (F-key anti-rotation, square tube anti-rotation (size parameters and our technicians confirm)) and protective cover type (Z steel pipe protection - passive side,X telescopic tube protection - active side, Q both);
Type 2 structure has basic type and protective cover type (X telescopic tube protection - active side);

9. C: the axis points to A; B; C;

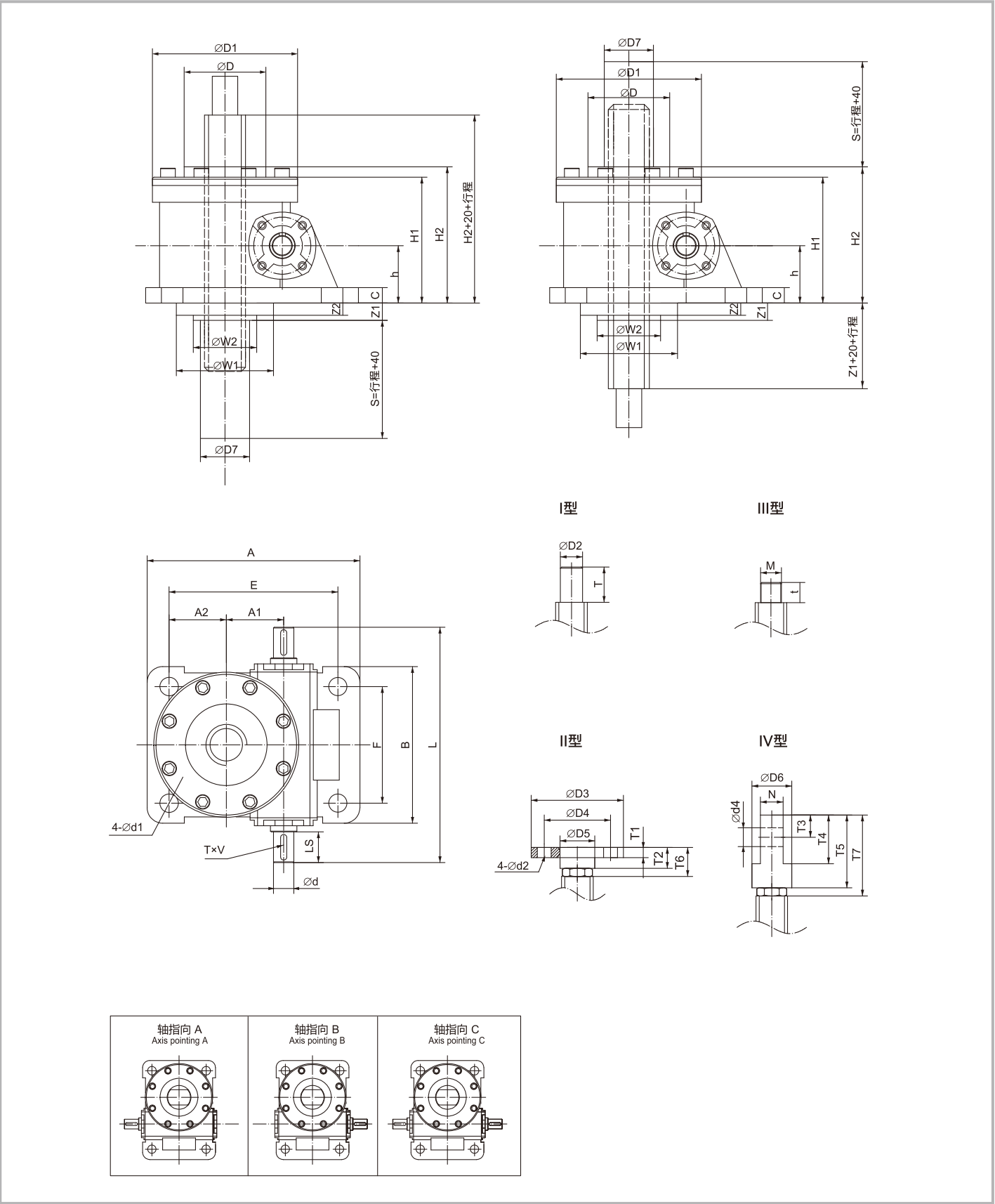
基本参数表 Basic Parameters:

型号 TYPE		NDM1T	NDM2.5T	NDM5T	NDM10T	NDM15T	NDM20T	NDM30T	NDM50T	NDM75T	NDM100T
最大载荷(KN) Maximal loading (KN)		9.8	24.5	49	98	147	196	294	490	735	980
丝杆外径(mm) Screw road external diameter (mm)		20	26	40	50	55	65	85	120	130	150
丝杆底径d(mm) Screw road bottom diameter (mm)		15.5	20.5	31	39	44	52	67	102	112	128
丝杆螺距L1(mm) Screw road bolt distance (mm)		4	5	8	10	10	12	16	16	16	20
减速比i Ratio i	H 速度 Speed	5	5.6	5.2	10.667	10.667	9.667	10.667	10.333	12.333	11.333
	L 速度 Speed	20	26	26	24	24	29	32	31	31	34
综合效率% η Comprehenswe efficiency% η	H 速度 Speed	21	21	22	22	20	20	19	15	13	13
	L 速度 Speed	12	12	14	15	14	13	11	10	8	8
容许输入最大功率 (KW) Allowable input maximal power (KW)	H 速度 Speed	0.47	1.06	2.05	2.32	2.36	4.7	8.18	13.93	13.37	22.63
	L 速度 Speed	0.35	0.38	0.56	1.41	2.38	3.58	3.9	6.14	9	9.92
空载扭矩To(N.m) Empty-loading torque To (N.m)		0.29	0.62	1.4	2	2.6	3.9	9.8	19.6	29.4	39.2
容许输入轴扭矩(N.m) Allowable input shaft torque(N.m)		20	49	126	247	247	247	620	973	1745	2219
最大载荷所需输入轴扭矩(N.m) Input shaft torque for maximal loading(N.m)	H 速度 Speed	6	16.9	56	69.3	112.8	224.3	390.5	886.9	1277.2	2161
	L 速度 Speed	2.8	6	16.8	44.8	78.3	136.8	206.8	488.9	954.8	1353.5
输入轴每回一圈对应丝杆（活动螺母） 轴向位移量（mm）Screw rod(flexiblenut) axial displacement every time input shaft rotates(mm)	H 速度 Speed	0.8	0.89	1.54	0.94	0.94	1.24	1.5	1.55	1.3	1.76
	L 速度 Speed	0.2	0.19	0.31	0.42	0.42	0.41	0.5	0.52	0.52	0.59
最大载荷时容许输入轴回转速度(rpm) Allowable input shaft rotational speed for maximum loading (rpm)	H 速度 Speed	750	600	350	320	200	200	200	150	100	100
	L 速度 Speed	1200	600	320	300	290	250	180	120	90	70
最大载荷时丝杆回转扭矩(N.m) Screw rod rotation torque during maximum loading(N.m)		20.1	65.1	201.5	503.6	813.2	1287.7	2531.9	5551.3	8921.8	13878.3
套管材质 Pipe material		普通钢管材质 Common steel pipe									
润滑方式 Lubrication mode		一般采用飞溅润滑 Apply splash lubrication in common									
冷却方式 Cooling method		自然冷却 Natural cooling									
一般环境条件 Common ambient condition		环境温度：-10℃~40℃，空旷场地通风良好，海拔高度1000米一下，一般工厂灰尘。 Ambient temperature:-10℃~40℃，open sits has good ventilation, altitude is under 1000 meters, common plant dust.									
特殊环境条件 Specied ambient condition		高温、低温、灰尘多、化学作用（酸、碱等），露天（直接日照、冰、水淋等），请咨询。 High temperature, low temperature, much dust, chemical effect(acid, alkali, etc), oper-air(direct sunshine, ice, water spray, etc), please consult.									
***减速机输入轴的容许扭矩		***Allowanle torque of input shaft of the gear unit									
***包括无负荷空载扭矩的数值		***Include non-loading torque value									

NDM1T I 型结构 / NDM1T I type Structure

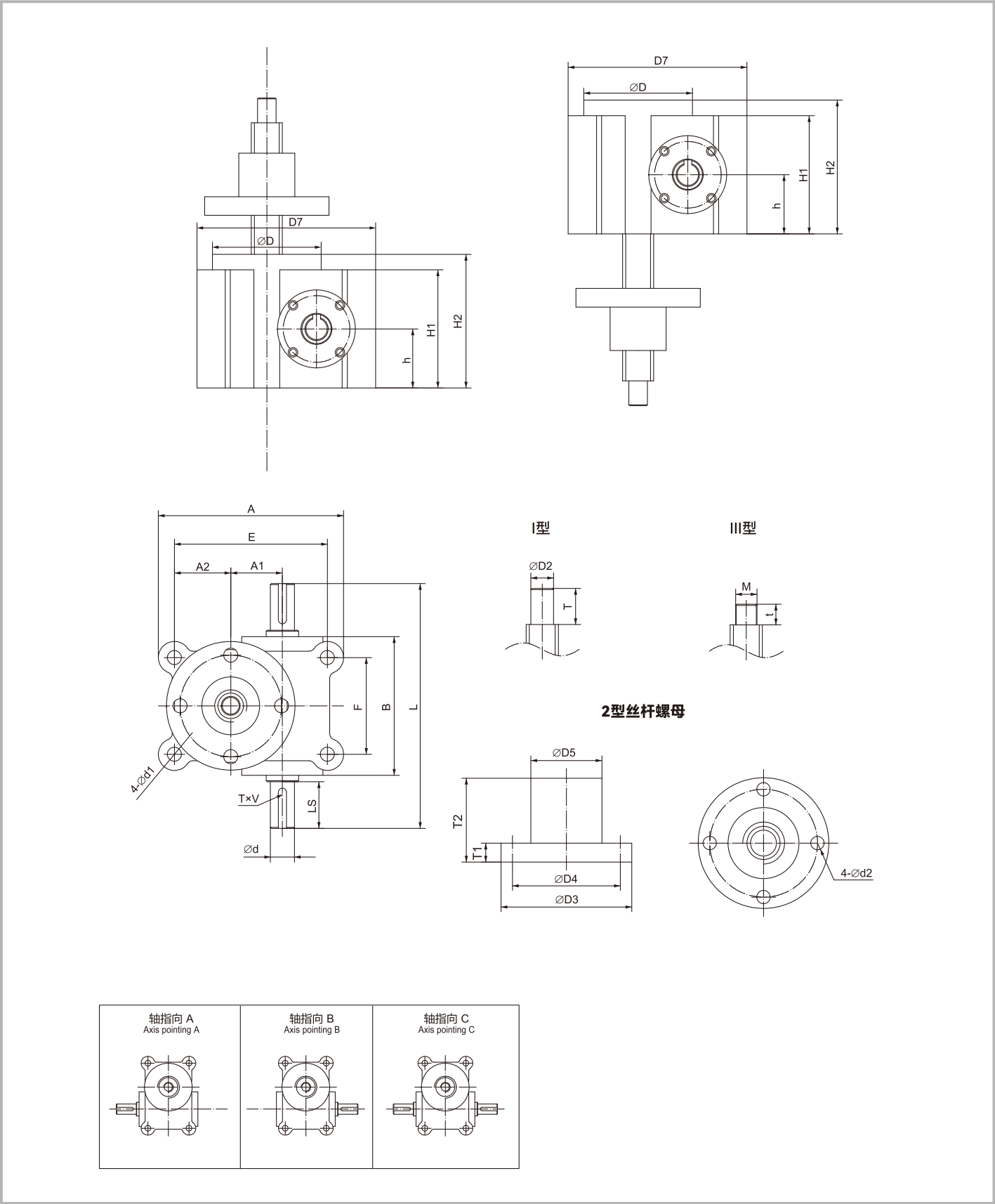


NDM2.5T-100T I 型结构 / NDM2.5T-100T I type structure



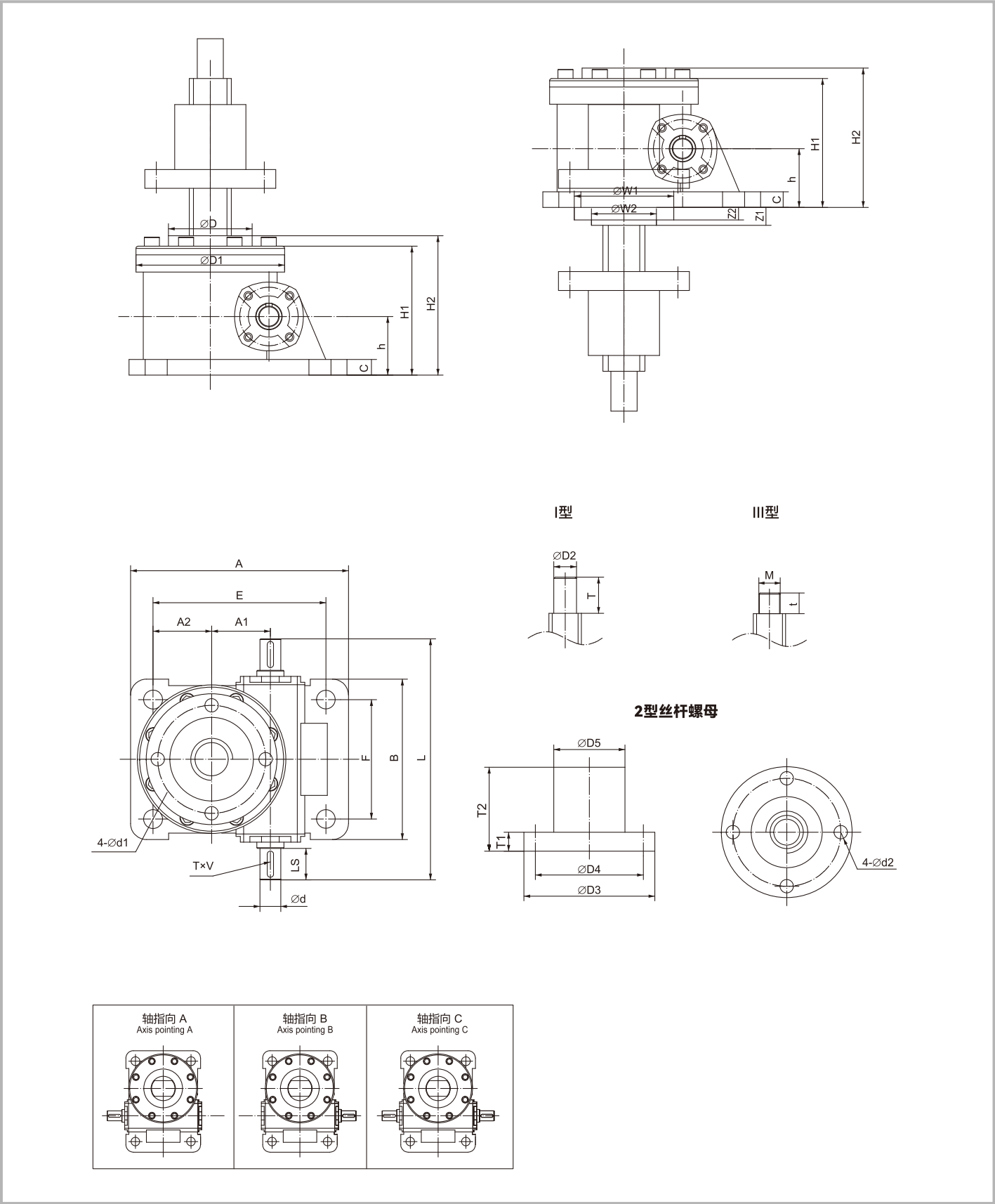
尺寸类型 Size type	型号 Model	NDM1T	NDM2.5	NDM5T	NDM10T	NDM15T	NDM20T	NDM30T	NDM50T	NDM75T	NDM100T
基本安装尺寸 Basic installation dimensions	A	115	159	208	222	236	280	446	580	700	640
	B	86	105	153	190	196	210	266	340	420	730
	E	95	132	165	180	192	222	380	490	600	550
	F	60	80	114	146	152	152	200	250	300	640
	C	/	13	15	15	19	19	25	35	38	45
	h	38	45	56	56	70	85	100	130	150	195
	H1	76	104	123	136	142	165	195	260	/	/
	H2	86	126	133	156	158	182	210	285	330	410
	d1	9	11	18	22	22	26	33	42	42	42
	A1	32	44.5	56	66	66	73	125	150	175	200
	A2	35	47.5	56	52	64	77	145	195	262	233
	D	70	75	80	80	120	140	140	170	180	200
	D1	/	118	139	175	180	200	270	330	300	320
	D9	115	/	/	/	/	/	/	/	/	/
	W1	70	75	95	115	124	150	190	230	300	320
	W2	/	50	62	80	80	100	120	170	180	200
	Z1	20	17	17	17	17	17	15	25	40	30
	Z2	10	14	12	12	12	14	/	/	/	/
输入尺寸 Input size	L	152	180	230	280	290	300	432	546	716	882
	LS	29	27	30	42	42	43	60	77	110	140
	d	14	16	20	25	25	25	35	45	50	60
	T×V	5×25	5×20	6×25	8×35	8×35	8×35	10×50	14×70	14×100	18×135
丝杆 Screw shaft	Tr	TR20×4	TR26×5	TR40×8	TR50×10	TR55×10	TR65×12	TR85×16	TR120×16	TR130×16	TR150×20
I 型	D2	12	17	25	35	40	45	60	85	110	110
	T	16	28	38	56	63	70	60	85	110	110
II 型	D3	80	108	118	146	178	178	216	310	330	360
	D4	60	76	80	105	127	127	153	230	250	280
	D5	32	38	45	55	70	70	90	150	170	185
	d2	9	11	18	22	26	26	33	42	42	42
	T1	10	11	16	16	16	16	20	35	52	77
	T2	22	25	33	33	47	52	62	82	102	112
	T6	T2+7	T2+9	/	/	/	/	/	/	/	/
III 型	M	M14×1.5	M18×1.5	M25×2	M32×2	M40×2	M45×2	M60×2	M85×2	M110×2	M120×2
	t	20	22	32	32	45	50	60	85	110	110
IV 型	T3	15	20	30	35	40	40	65	90	100	110
	T4	33	44	66	77	88	88	135	185	205	225
	T5	60	70	105	115	140	150	215	290	350	380
	D6	32	40	50	63	85	85	105	150	180	185
	d4	15	20	25	30	40	40	50	70	80	90
	N	22	25	32	36	45	45	55	85	100	115
	T7	T5+7	T5+9	/	/	/	/	/	/	/	/
防护管 Protective pipe	S	行程+40	行程+40	行程+40	行程+40	行程+40	行程+40	行程+40	行程+40	行程+60	行程+60
	D7	42	42	47	76	76	76	114	160	160	160

NDM1T II型结构 / NDM1T II type structure



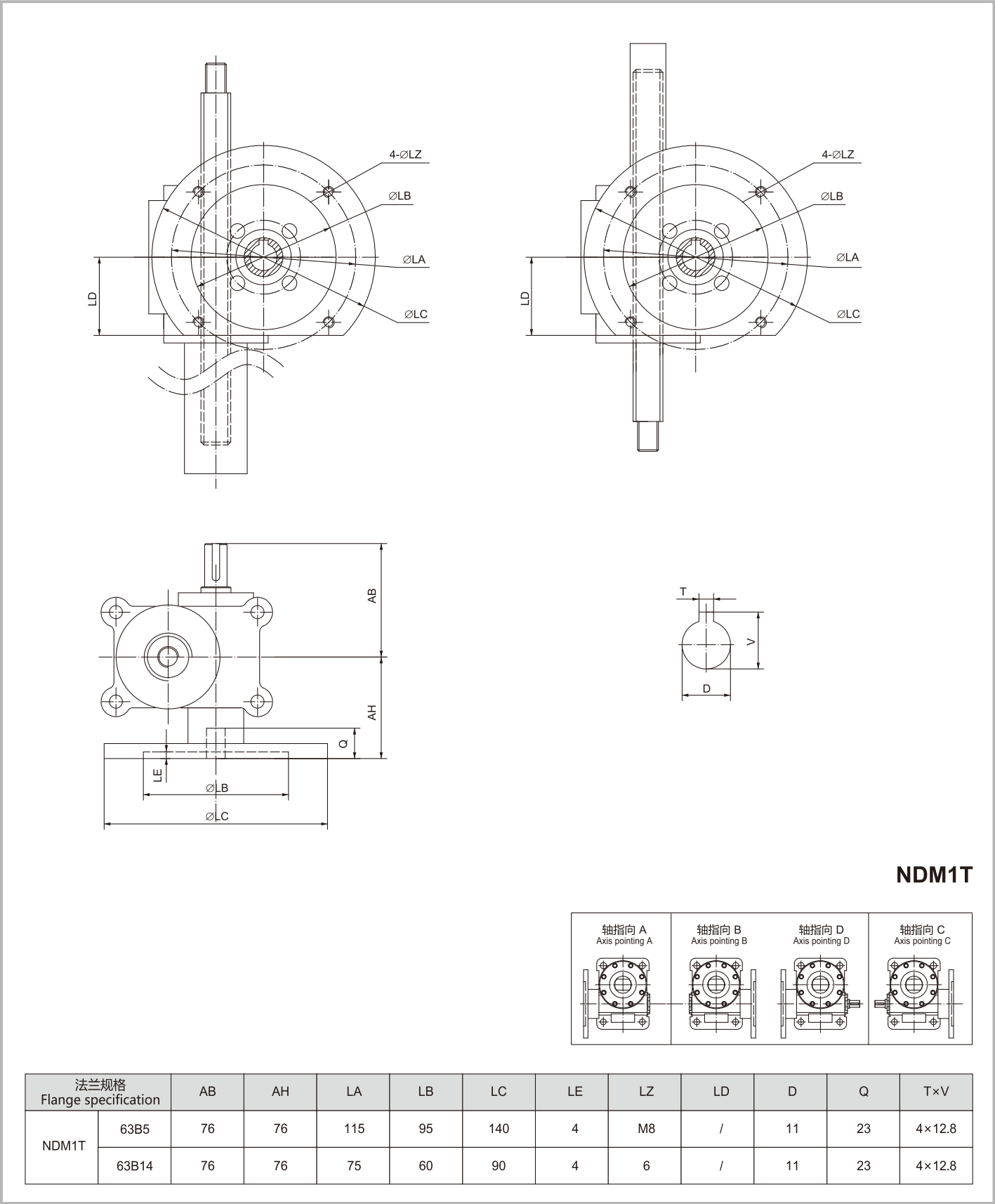
尺寸类型 Size type	型号 Model	NDM1T	NDM2.5	NDM5T	NDM10T	NDM15T	NDM20T
基本安装尺寸 Basic installation dimensions	A	115	159	208	222	236	280
	B	86	105	153	190	196	210
	E	95	132	165	180	192	222
	F	60	80	114	146	152	152
	C	/	13	15	15	19	19
	h	38	45	56	56	70	85
	H1	76	104	123	136	142	165
	H2	86	126	133	156	158	182
	d1	9	11	18	22	22	26
	A1	32	44.5	56	66	66	73
	A2	35	47.5	56	52	64	77
	D	70	75	80	80	120	140
	D1	/	118	139	175	180	200
	D7	115	/	/	/	/	/
	W1	/	75	95	115	124	150
	W2	/	50	62	80	80	100
输入尺寸 Input size	Z1	/	17	17	17	17	17
	Z2	/	14	12	12	12	14
	L	152	180	230	280	290	300
	LS	29	27	30	42	42	43
丝杆 Screw shaft	d	14	16	20	25	25	25
	T×V	5×25	5×20	6×25	8×35	8×35	8×35
	Tr	TR20×4	TR26×5	TR40×8	TR50×10	TR55×10	TR65×12
	D2	12	17	25	35	40	45
I 型	T	16	28	38	56	63	70
	M	M14×1.5	M18×1.5	M25×2	M32×2	M40×2	M45×2
III型	t	20	22	32	32	45	50
	T1	12	15	18	25	28	30
梯形螺母 Flange nut	T2	40	51	80	75	83	105
	D3	80	95	125	144	169	189
	D4	63	77	103	120	140	156
	D5	36	47	68	78	85	100
	d2	9	9	13	13	17	17

NDM2.5T-100T Ⅱ型结构 / NDM2.5T-100T Ⅱ type structure

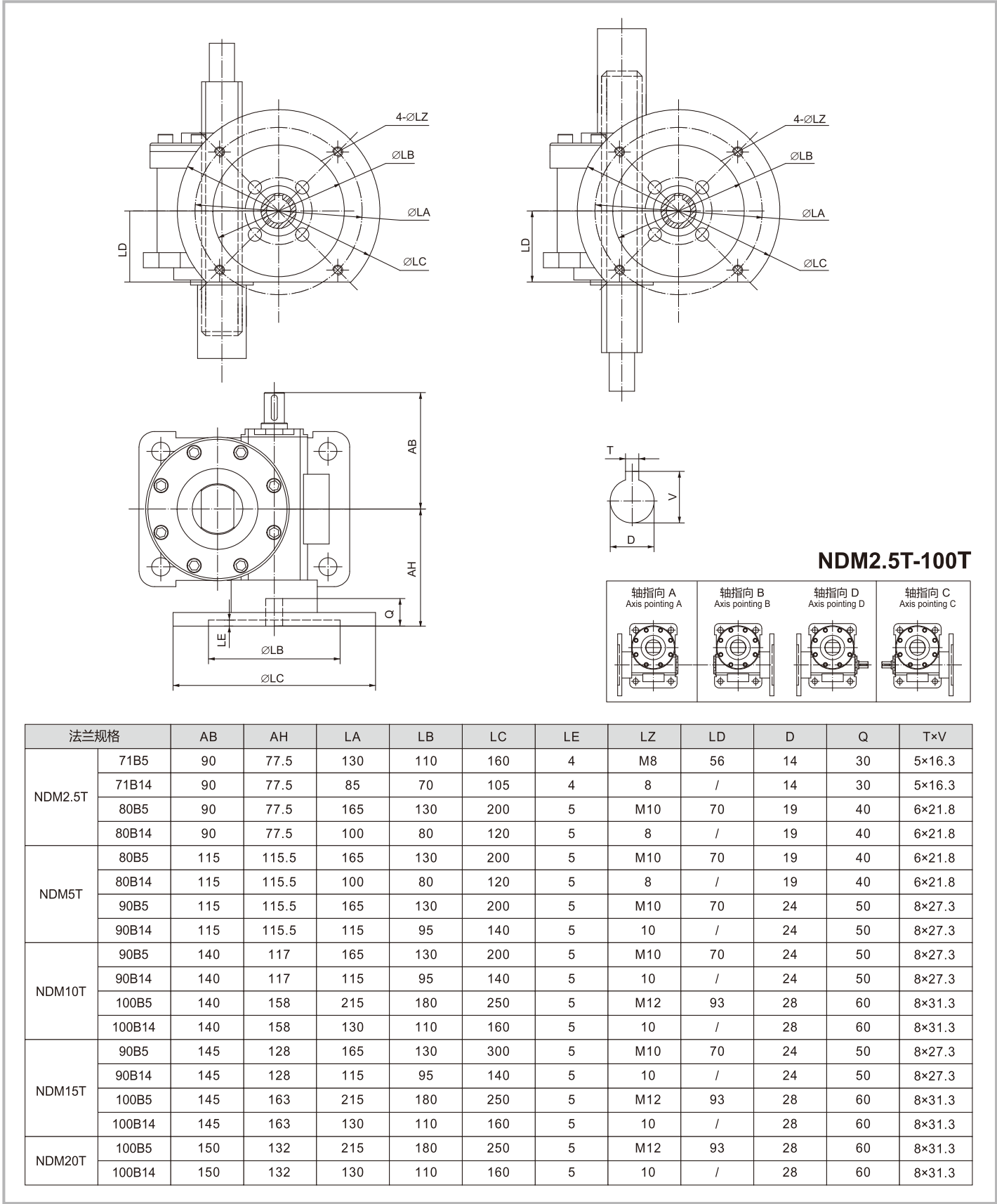


尺寸类型 Size type	型号 Model	NDM1T	NDM2.5	NDM5T	NDM10T	NDM15T	NDM20T
基本安装尺寸 Basic installation dimensions	A	115	159	208	222	236	280
	B	86	105	153	190	196	210
	E	95	132	165	180	192	222
	F	60	80	114	146	152	152
	C	/	13	15	15	19	19
	h	38	45	56	56	70	85
	H1	76	104	123	136	142	165
	H2	86	126	133	156	158	182
	d1	9	11	18	22	22	26
	A1	32	44.5	56	66	66	73
	A2	35	47.5	56	52	64	77
	D	70	75	80	80	120	140
	D1	/	118	139	175	180	200
	D7	115	/	/	/	/	/
	W1	/	75	95	115	124	150
	W2	/	50	62	80	80	100
输入尺寸 Input size	Z1	/	17	17	17	17	17
	Z2	/	14	12	12	12	14
	L	152	180	230	280	290	300
	LS	29	27	30	42	42	43
丝杆 Screw shaft	d	14	16	20	25	25	25
	T×V	5×25	5×20	6×25	8×35	8×35	8×35
	Tr	TR20×4	TR26×5	TR40×8	TR50×10	TR55×10	TR65×12
	D2	12	17	25	35	40	45
Ⅰ 型	T	16	28	38	56	63	70
	M	M14×1.5	M18×1.5	M25×2	M32×2	M40×2	M45×2
Ⅲ型	t	20	22	32	32	45	50
	T1	12	15	18	25	28	30
梯形螺母 Flange nut	T2	40	51	80	75	83	105
	D3	80	95	125	144	169	189
	D4	63	77	103	120	140	156
	D5	36	47	68	78	85	100
	d2	9	9	13	13	17	17

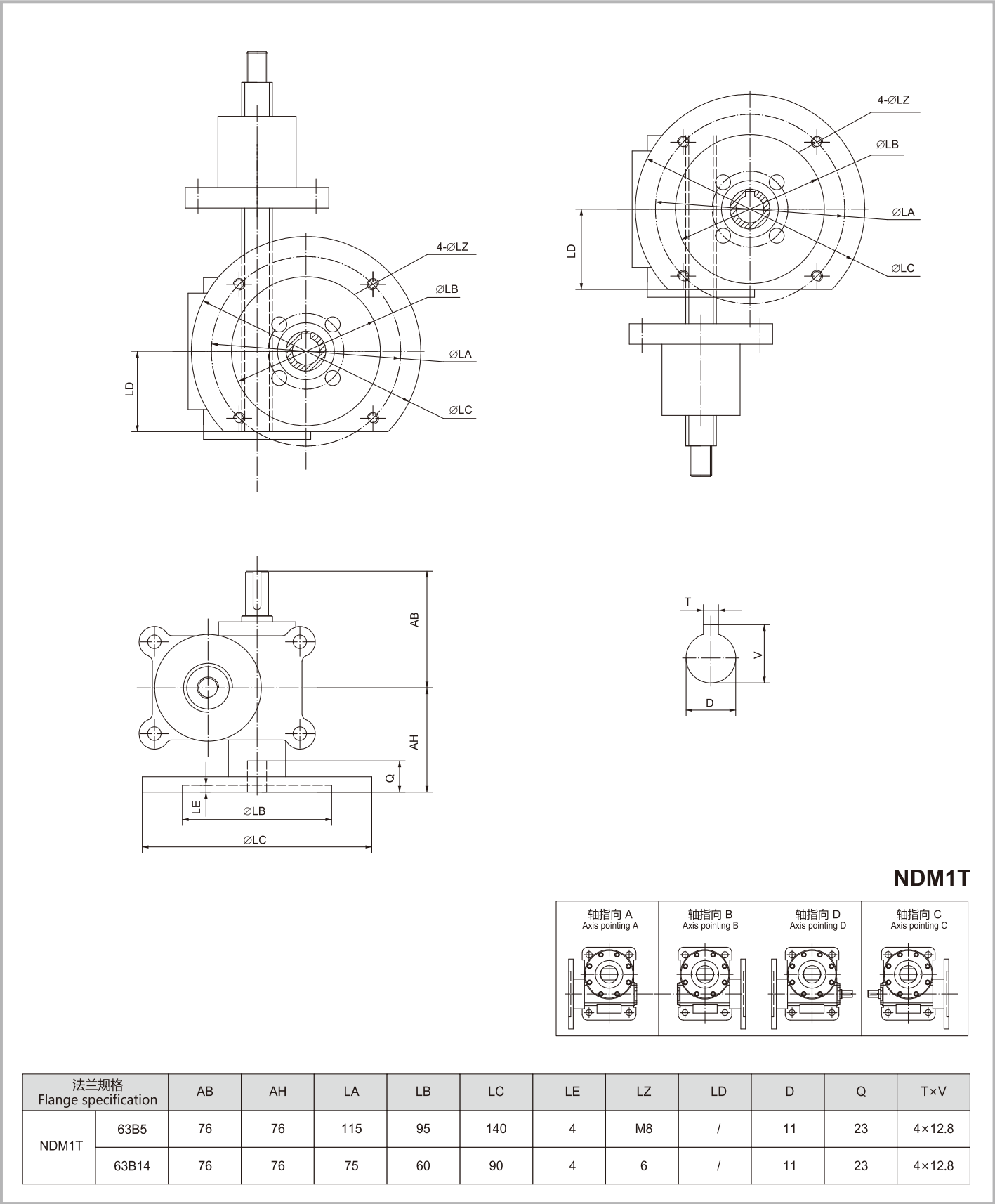
NDM1T I 型结构 / NDM1T I type structure



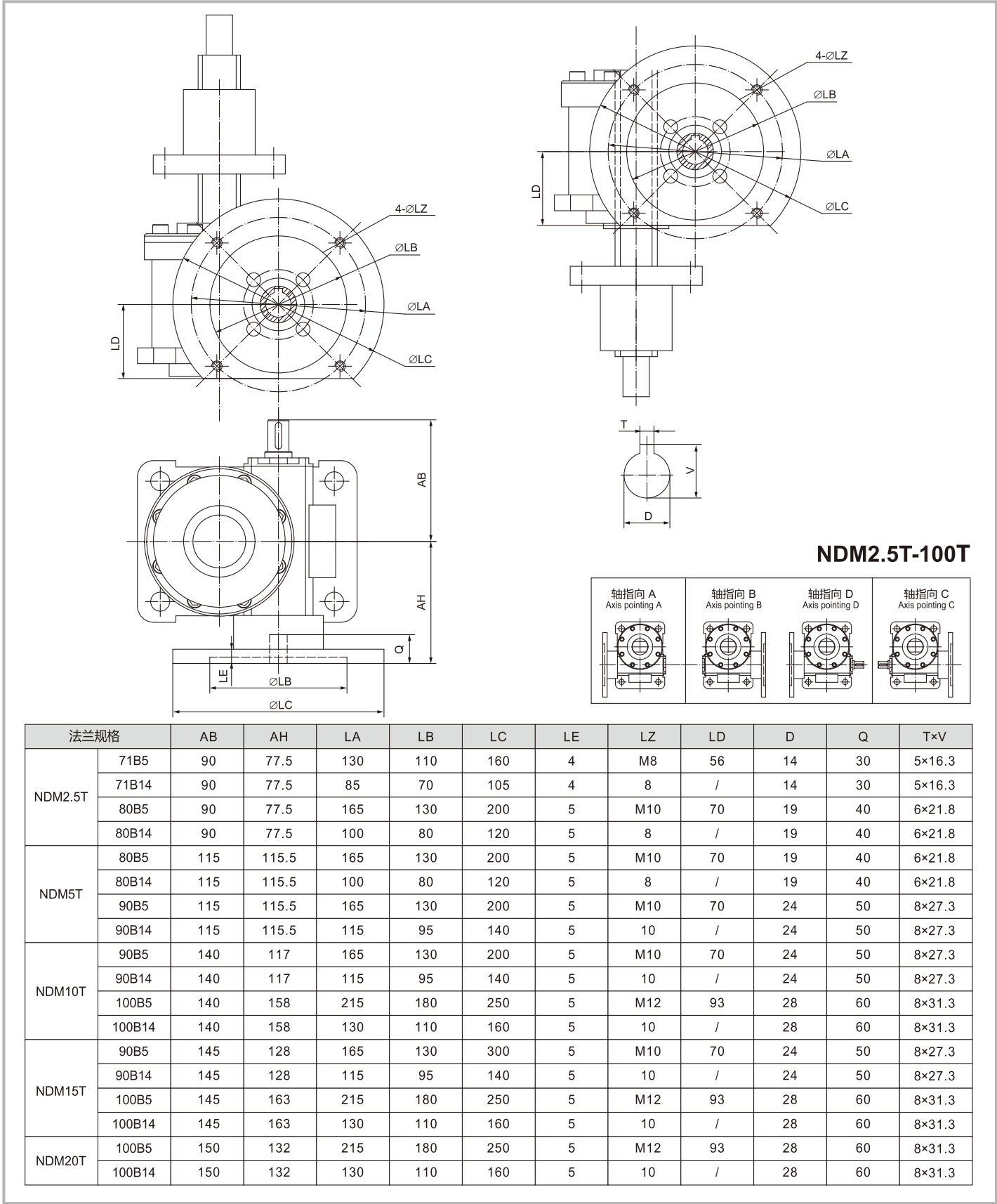
NDM2.5T-100T I 型结构 / NDM2.5T-100T I type structure



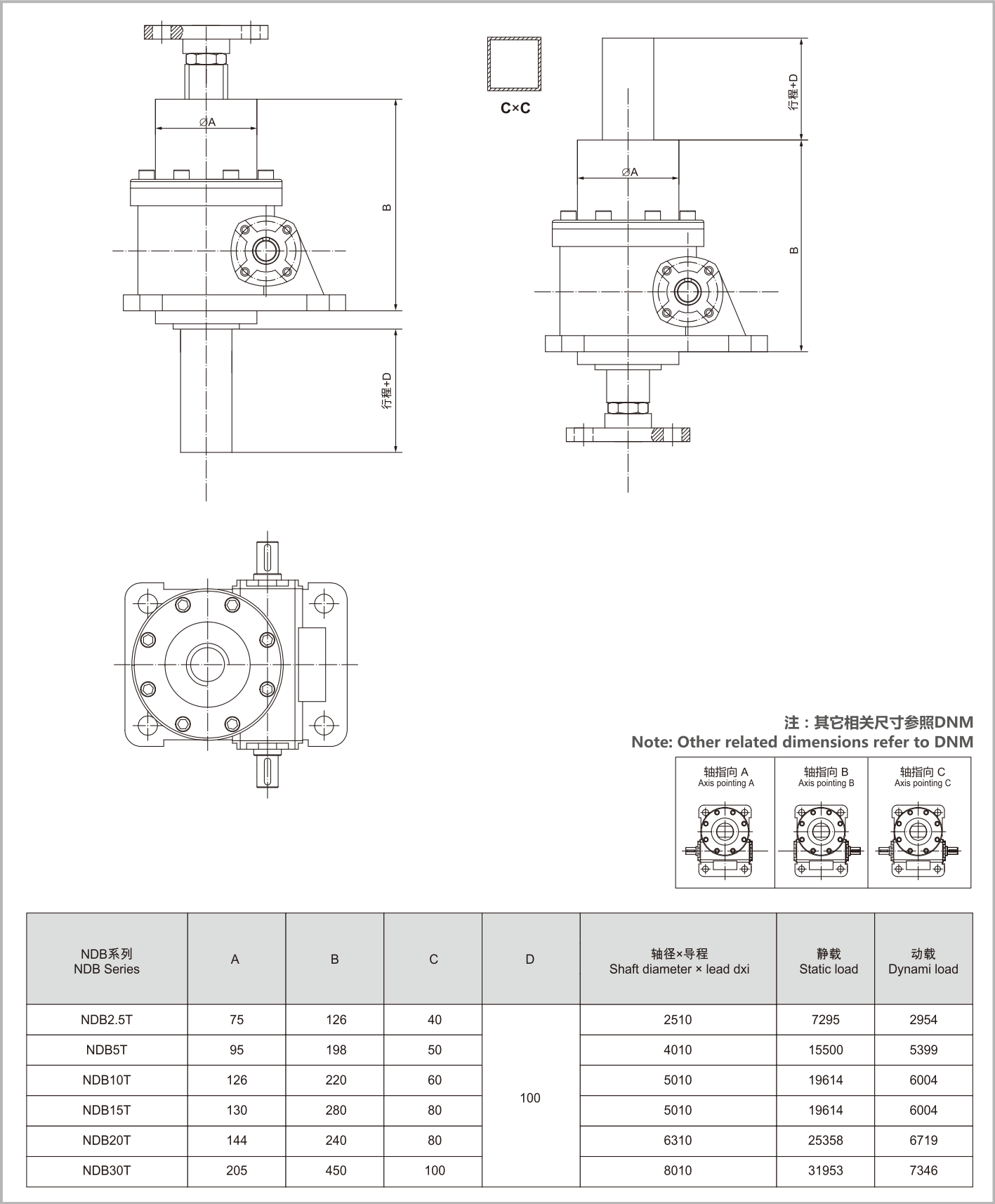
NDM1T II型结构 / NDM1T II type structure



NDM2.5T-100TII型结构 / NDM2.5T-100TII type structure



NDB系列滚珠丝杆 I 型结构 / NDB Series ball screw I type structure



NDB系列滚珠丝杆 II 型结构 / NDB Series ball screw II type structure

