

YOZECE

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Quality First Integrity First Customer First

YOZECE

佑嘉欣液压科技

2025

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液压画册

佑嘉欣液压科技

YOUJIAXIN HYDRAULIC TECHNOLOGY

重型工程油缸 >>>

HEAVY DUTY ENGINEERING
HYDRAULIC CYLINDER

重型工程油缸 HSG250系列 >>>

HEAVY DUTY ENGINEERING HYDRAULIC
CYLINDER HSG 250 SERIES



产品特点 Product features

- 产品设计符合ISO6022和DIN24333规格
- 最高工作压力250Kgf/cm²
- 结构：前后盖以钢螺丝连接于法兰板上，前后法兰板与缸体以螺纹连接，结合紧密，拆卸方便，便于检修
- 严格控制加工精度，有低摩擦高寿命的优点
- 可用于工程设备，如钢铁，冶金，船舶等机器
- 与德国Rexroth公司CDH2油缸相容
- The product design complies with ISO6022 and DIN24333 specifications
- Maximum working pressure 250Kgf/cm²
- Structure: the Front and back cover are connected to the flange plate by steel screws, flanges are screwed on cylinder body , which are tightly combined, easy to disassemble and repair
- It has the advantage of low friction and long service life
- Can Be used in engineering equipment, such as steel, metallurgy, shipping and other machinery
- Compatible with the CDH2 cylinder of Rexroth gmbh

安装型式 Installation type

记号 Marks	称呼 Name	简图 Diagram	记号 Marks	称呼 Name	简图 Diagram
SD	基本型 Standard		TC	中间砲耳型 Intermediate Trunnion	
FA	前法兰型 Head Flange		CA	单山型 Eye Bracket	
FB	后法兰型 Cap Flange		LA	径向脚座型 Side Foot	

订购表示法 Order Representation

HSG250

C

100

200ST

M00

RC

▼油缸种类 Type

空白：基本型
C:双轴油缸
D:双轴前进可调节行程油缸
Blank:standard
C:double rod
D:double rod stroke adjustable

▼轴径 Rod

C: C级轴径 B: B级轴径

▼内径 (mm) Bore

50, 63, 80, 100, 125, 160, 180, 200, 250, 320

▼行程 (mm) Stroke

用户指定 Customized

▼安装方式 Mounting

基本型(SD) SD:Standard
前法兰型(FA) FA:Head flange
后法兰型(FB) FB:Rear flange
单山型(CA) CA:Eye bracket
单山附鱼眼轴承型(CAB) CAB:Single hill with fish eye bearing
中间砲耳型(TC) LA:Side foot
径向脚座型(LA) TC:Intermediate Trunnion

▼轴端接头

空白:标准品 (不附)
PR...CE:鱼眼接头 (符合ISO-6982及DIN24338规范)
Blank:standard(No)
PR...CE:Fisheye joint (accord with ISO-6982 and DIN24338 Norms)

▼测压接头
Testing connect

空白:标准品 (不附)
AV:测压及快速逃气接头
Blank:standard(No)
AV:Pressure measuring and rapid escape gas connector

▼入油口规格 Port

RC:管用锥度牙
G:管用平行牙
M:公制直牙
F:正方形法兰
MM:长方形法兰
RC:Pipe Taper Tooth
G:Pipe Parallel
M:Metric straight tooth
F:Square flange
MM:Rectangular flange

▼缓冲调整阀位置 Buffer position

空白:标准型 Blank:standard

▼入油口位置 Port site

空白:标准型 Blank:standard

▼可调节行程长度 Stroke adjustable lenth

▲限:双轴前进可调节行程油缸，油缸可调整长度
Limit:Double rod stroke adjustable hydraulic cylinder

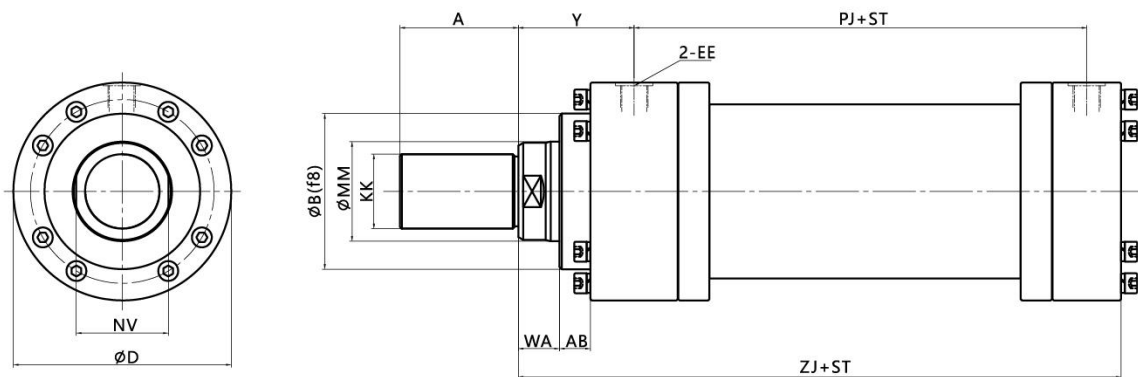
▼缓冲型式 Cushion type

空白:标准品 (无缓冲) Blank: Standard (no cushion)
PPV:前后皆有缓冲 PPV: both end with cushion
FPV:前盖有缓冲 FPV: head cushion
RPV:后盖有缓冲 RPV: rear cushion

▲ 空白栏：表示标准品，订购时无需标注
Blank Column: Represents standard product, no marking is required when ordering

外部尺寸图 Outline drawing

◆ HSG (SD) 基本型重型工程油缸 Standard heavy duty engineering hydraulic cylinder

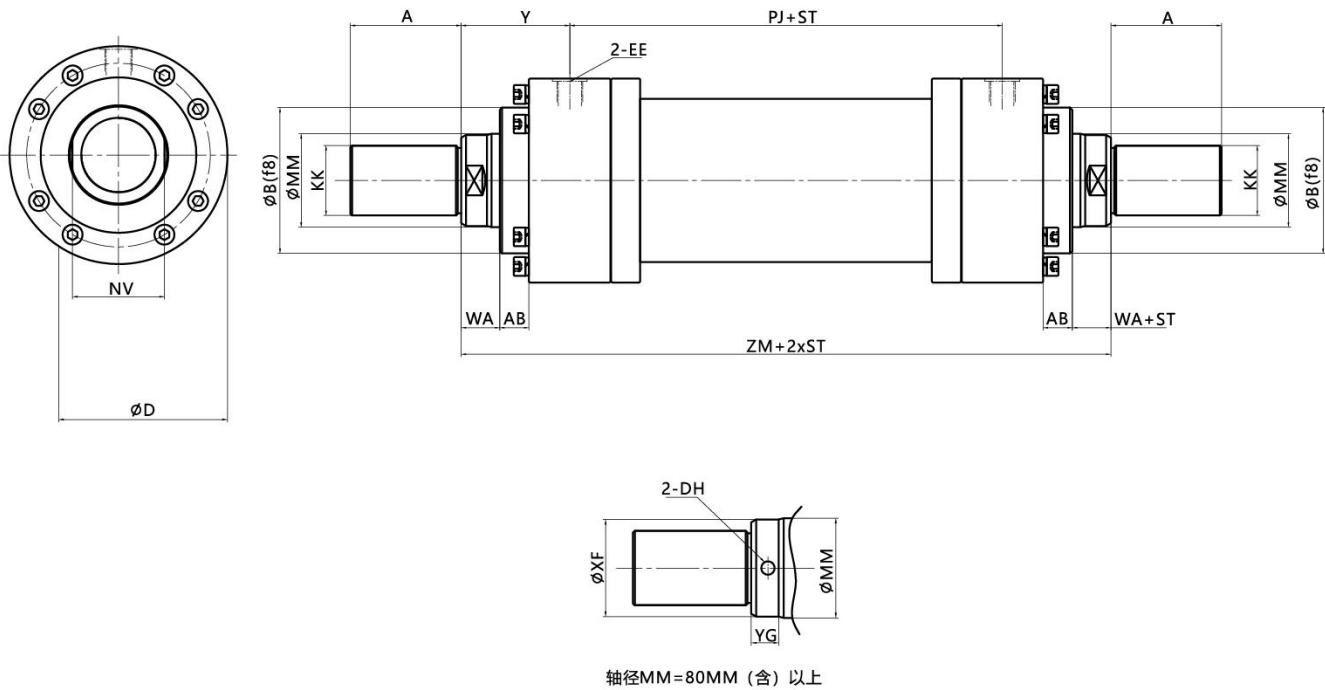


产品规格 Specification

内径 Bore	记号 sign	MM		KK	EE	B	ZJ	D	A	Y	PJ	WA	AB	NV	ZM
	C级	B级													
50		30	35	M27x2	PT1/2	63	244	108	36	98	120	18	29	32	316
63		40	45	M33x2	PT3/4	75	274	124	45	112	133	21	32	34	357
80		50	56	M42x2	PT3/4	90	305	148	56	120	155	24	36	46	395
100		60	70	M48x2	PT1	110	340	175	63	134	171	27	41	60	439
125		80	90	M64x3	PT1	132	396	208	85	153	205	31	45	-	511
160		100	110	M80x3	PT1 1/4	160	460	270	95	185	235	35	50	-	605
200		125	140	M100x3	PT1 1/4	200	550	330	112	220	278	40	61	-	718
250		160	180	M125x4	PT1 1/2	250	650	412	125	260	325	42	71	-	840
320		200	220	M160x4	PT2	320	760	510	160	310	350	48	88	-	955

外部尺寸图 Outline drawing

◆ HSG (SD) 双轴基本型重型工程油缸 Standard double rod heavy duty engineering hydraulic cylinder

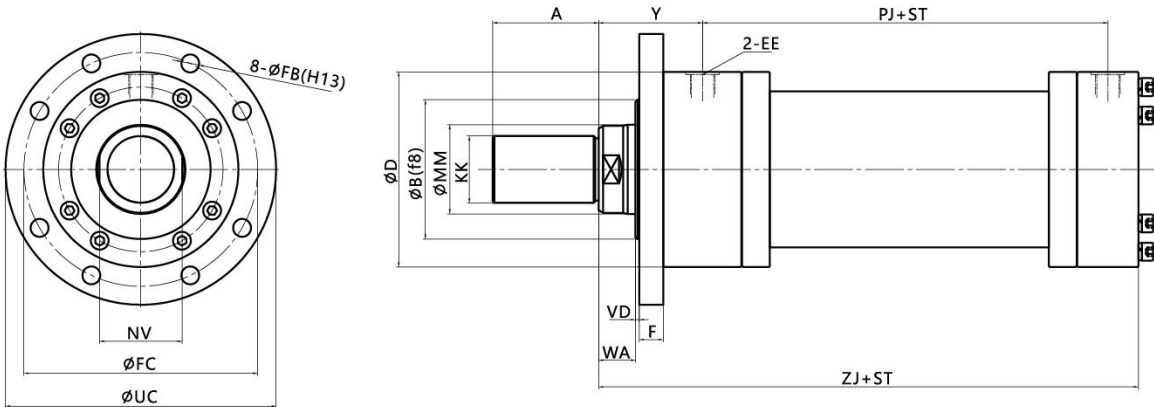


产品规格 Specification

内径 Bore	记号 sign	MM		KK	EE	B	ZJ	D	A	Y	PJ	WA	AB	NV	ZM
	C级	B级													
50		30	35	M27x2	PT1/2	63	244	108	36	98	120	18	29	32	316
63		40	45	M33x2	PT3/4	75	274	124	45	112	133	21	32	34	357
80		50	56	M42x2	PT3/4	90	305	148	56	120	155	24	36	46	395
100		60	70	M48x2	PT1	110	340	175	63	134	171	27	41	60	439
125		80	90	M64x3	PT1	132	396	208	85	153	205	31	45	-	511
160		100	110	M80x3	PT1 1/4	160	460	270	95	185	235	35	50	-	605
200		125	140	M100x3	PT1 1/4	200	550	330	112	220	278	40	61	-	718
250		160	180	M125x4	PT1 1/2	250	650	412	125	260	325	42	71	-	840
320		200	220	M160x4	PT2	320	760	510	160	310	350	48	88	-	955

外部尺寸图 Outline drawing

◆ HSG (FA) 前法兰型重型工程油缸 Head flange heavy duty engineering hydraulic cylinder

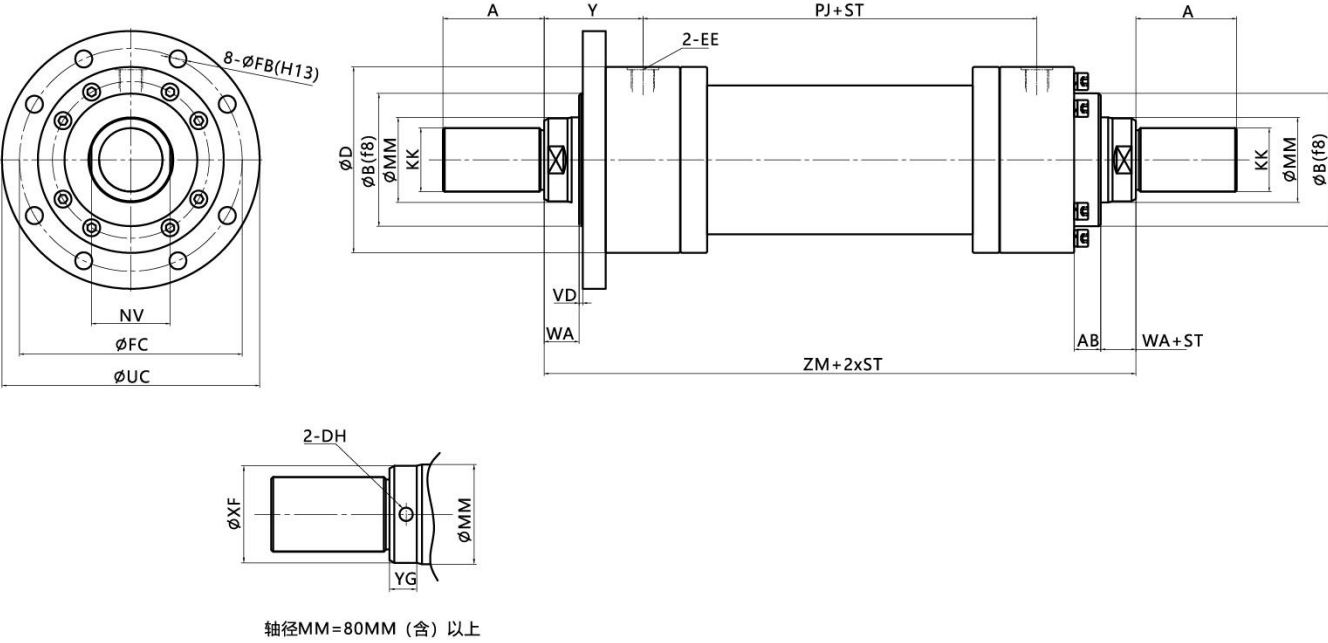


产品规格 Specification

内径 Bore	记号 sign	MM		KK	EE	A	AB	B	D	F	FB	Y	NV	VD	WA	WC	FC	UC	ZJ	PJ	ZM
	C级	B级																			
50		30	35	M27x2	PT1/2	36	29	63	108	25	14	98	32	4	18	22	132	155	244	120	316
63		40	45	M33x2	PT3/4	45	32	75	124	28	14	112	34	4	21	25	150	175	274	133	357
80		50	56	M42x2	PT3/4	56	36	90	148	32	18	120	46	4	24	28	180	210	305	155	395
100		60	70	M48x2	PT1	63	41	110	175	36	22	134	60	5	27	32	212	250	340	171	439
125		80	90	M64x3	PT1	85	45	132	208	40	22	153	-	5	31	36	250	290	396	205	511
160		100	110	M80x3	PT1 1/4	95	50	160	270	45	26	185	-	5	35	40	315	360	460	235	605
200		125	140	M100x3	PT1 1/4	112	61	200	330	56	33	220	-	5	40	45	385	440	550	278	718
250		160	180	M125x4	PT1 1/2	125	71	250	412	63	39	260	-	8	42	50	475	540	650	325	840
320		200	220	M160x4	PT2	160	88	320	510	80	45	310	-	8	48	56	600	675	760	350	955

外部尺寸图 Outline drawing

◆ HSG (FA) 双轴前法兰型重型工程油缸 Double rod head flange heavy duty engineering hydraulic cylinder

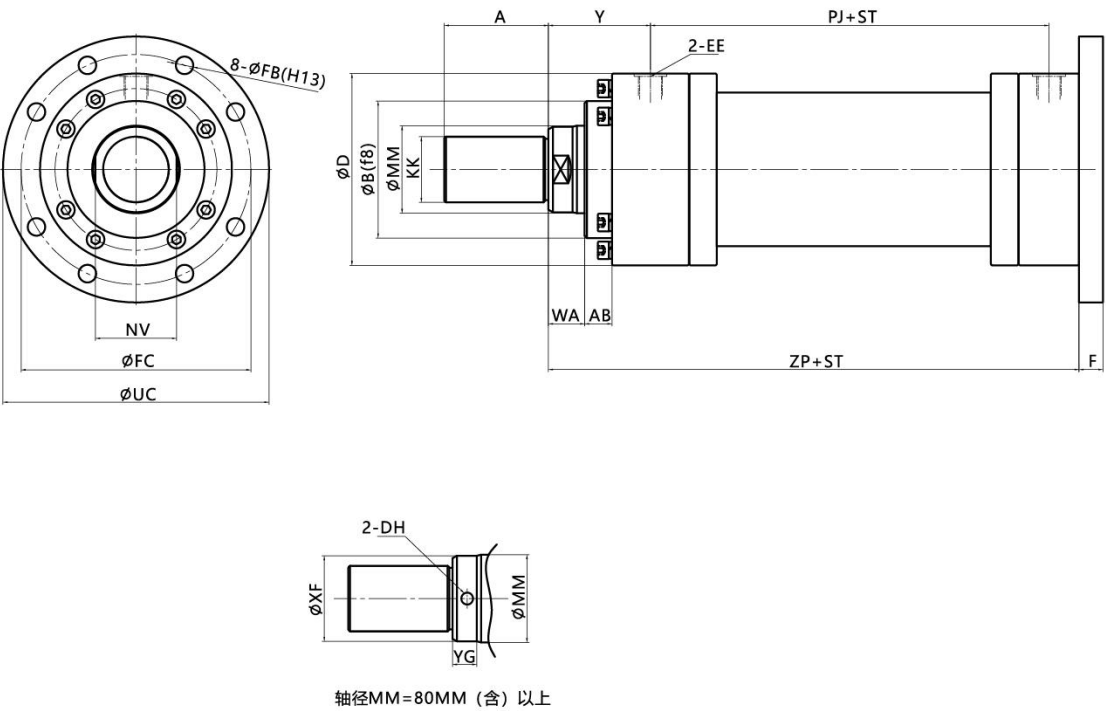


产品规格 Specification

内径 Bore	记号 sign		MM	KK	EE	A	AB	B	D	F	FB	Y	NV	VD	WA	WC	FC	UC	ZJ	PJ	ZM
	C级	B级																			
50	30	35	M27x2	PT1/2	36	29	63	108	25	14	98	32	4	18	22	132	155	244	120	316	
63	40	45	M33x2	PT3/4	45	32	75	124	28	14	112	34	4	21	25	150	175	274	133	357	
80	50	56	M42x2	PT3/4	56	36	90	148	32	18	120	46	4	24	28	180	210	305	155	395	
100	60	70	M48x2	PT1	63	41	110	175	36	22	134	60	5	27	32	212	250	340	171	439	
125	80	90	M64x3	PT1	85	45	132	208	40	22	153	-	5	31	36	250	290	396	205	511	
160	100	110	M80x3	PT1 1/4	95	50	160	270	45	26	185	-	5	35	40	315	360	460	235	605	
200	125	140	M100x3	PT1 1/4	112	61	200	330	56	33	220	-	5	40	45	385	440	550	278	718	
250	160	180	M125x4	PT1 1/2	125	71	250	412	63	39	260	-	8	42	50	475	540	650	325	840	
320	200	220	M160x4	PT2	160	88	320	510	80	45	310	-	8	48	56	600	675	760	350	955	

外部尺寸图 Outline drawing

◆ HSG (FB) 后法兰型重型工程油缸 Rear flange heavy duty engineering hydraulic cylinder

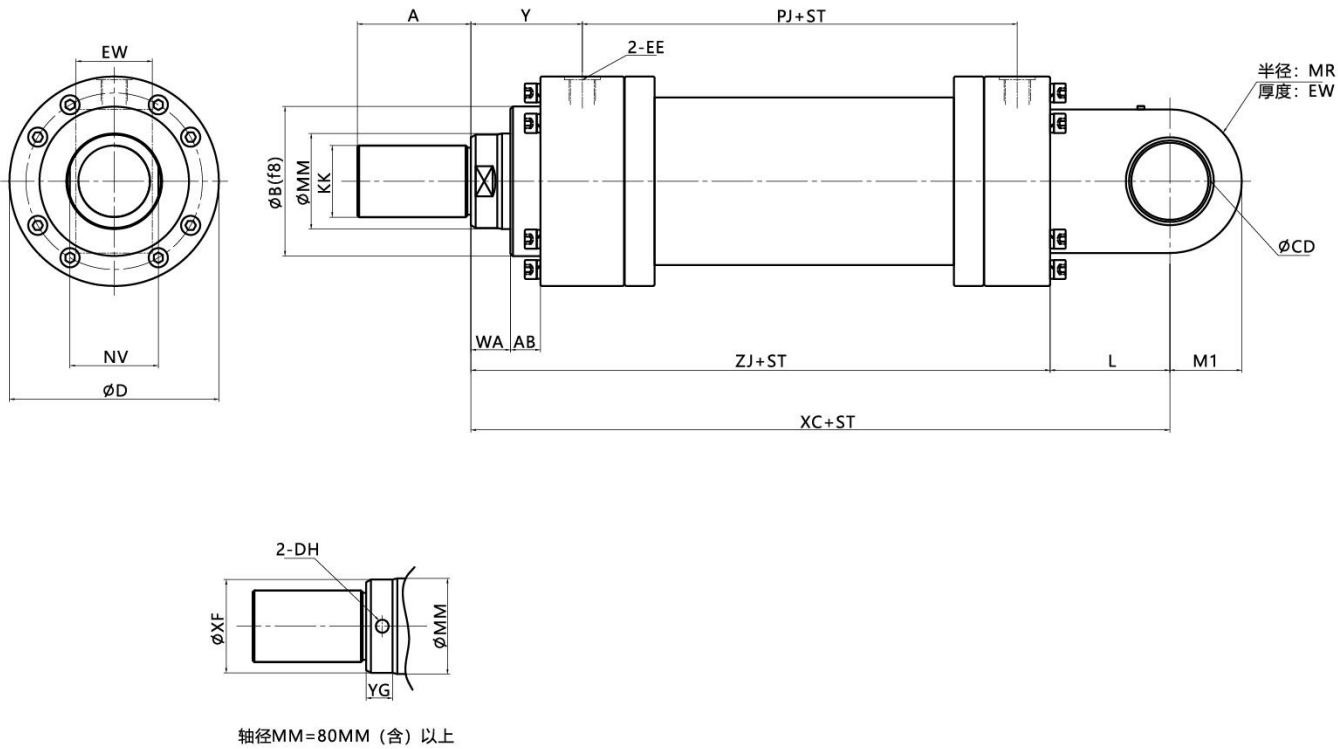


产品规格 Specification

内径 Bore	记号 sign		MM		KK	EE	FB	B	D	F	Y	WA	AB	NV	FC	A	UC	ZP	PJ
	C级	B级																	
50	30	35	M27x2	PT1/2	14	63	108	25	98	18	29	32	132	36	155	265	120		
63	40	45	M33x2	PT3/4	14	75	124	28	112	21	32	34	150	45	175	298	133		
80	50	56	M42x2	PT3/4	18	90	148	32	120	24	36	46	180	56	210	332	155		
100	60	70	M48x2	PT1	22	110	175	36	134	27	41	60	212	63	250	371	171		
125	80	90	M64x3	PT1	22	132	208	40	153	31	45	-	250	85	290	430	205		
160	100	110	M80x3	PT1 1/4	26	160	270	45	185	35	50	-	315	95	360	505	235		
200	125	140	M100x3	PT1 1/4	33	200	330	56	220	40	61	-	385	112	440	596	278		
250	160	180	M125x4	PT1 1/2	39	250	412	63	260	42	71	-	475	125	540	713	325		
320	200	220	M160x4	PT2	45	320	510	80	310	48	88	-	600	160	675	840	350		

外部尺寸图 Outline drawing

◆ HSG (CA) 后单山型重型工程油缸 Rear eye bracket heavy duty engineering hydraulic cylinder

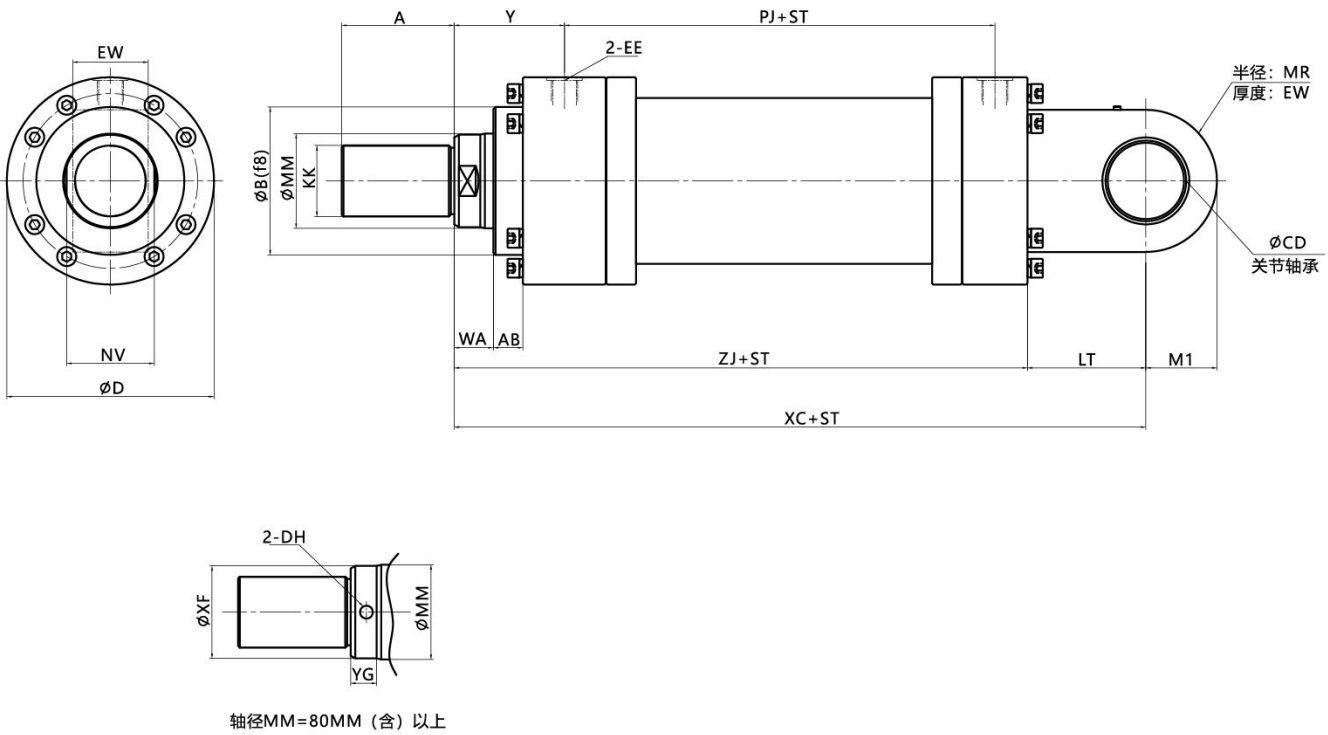


产品规格 Specification

内径 Bore	记号 sign		MM		KK	EE	EW	B	M1	A	D	Y	WA	AB	NV	L	ZJ	PJ	XC	CD	MR
	C级	B级																			
50	30	35	M27x2	PT1/2	32	63	35	36	108	98	18	29	32	61	244	120	305	32	35		
63	40	45	M33x2	PT3/4	40	75	50	45	124	112	21	32	34	74	274	133	348	40	50		
80	50	56	M42x2	PT3/4	50	90	63	56	148	120	24	36	46	90	305	155	395	50	61.5		
100	60	70	M48x2	PT1	63	110	71	63	175	134	27	41	60	102	340	171	442	63	66		
125	80	90	M64x3	PT1	80	132	90	85	208	153	31	45	-	124	396	205	520	80	90		
160	100	110	M80x3	PT1 1/4	100	160	112	95	270	185	35	50	-	157	460	235	617	100	118		
200	125	140	M100x3	PT1 1/4	125	200	145	112	330	220	40	61	-	206	550	278	756	125	131		
250	160	180	M125x4	PT1 1/2	160	250	178	125	412	260	42	71	-	253	650	325	903	160	163		
320	200	220	M160x4	PT2	200	320	230	160	510	310	48	88	-	320	760	350	1080	200	209		

外部尺寸图 Outline drawing

◆ HSG (CAB) 单山附鱼眼轴承型重型工程油缸 Eye bracket spherical bearing heavy duty engineering hydraulic cylinder

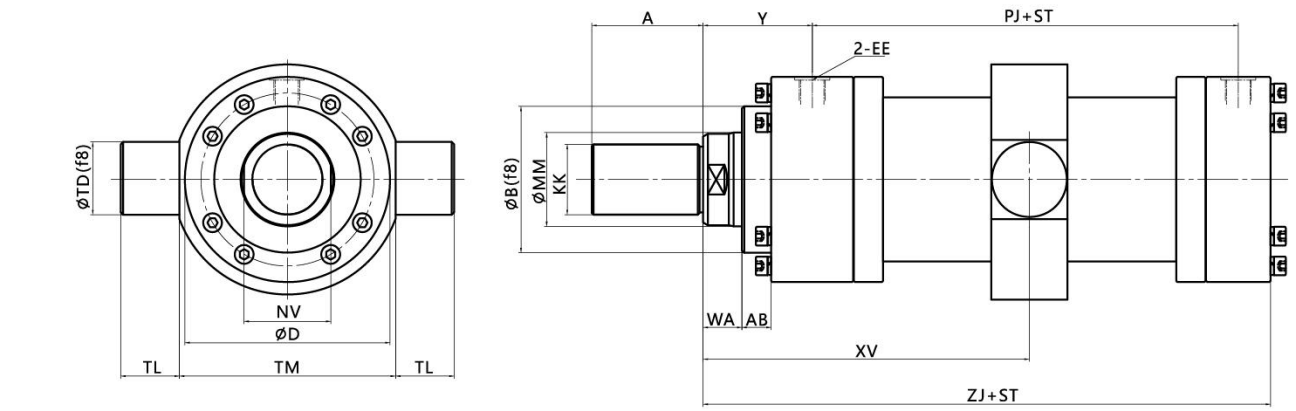


产品规格 Specification

记号 sign 内径 Bore	MM		KK	EE	EW	EP	B	M1	A	D	Y	WA	AB	NV	LT	ZJ	PJ	XC	CD	MR
	C级	B级																		
50	30	35	M27x2	PT1/2	32	27	63	35	36	108	98	18	29	32	61	244	120	305	32	35
63	40	45	M33x2	PT3/4	40	35	75	50	45	124	112	21	32	34	74	274	133	348	40	50
80	50	56	M42x2	PT3/4	50	40	90	63	56	148	120	24	36	46	90	305	155	395	50	62
100	60	70	M48x2	PT1	63	52	110	71	63	175	134	27	41	60	102	340	171	442	63	66
125	80	90	M64x3	PT1	80	60	132	90	85	208	153	31	45	-	124	396	205	520	80	90
160	100	110	M80x3	PT1 1/4	100	84	160	112	95	270	185	35	50	-	157	460	235	617	100	118
200	125	140	M100x3	PT1 1/4	125	102	200	145	112	330	220	40	61	-	206	550	278	756	125	131
250	160	180	M125x4	PT1 1/2	160	130	250	178	125	412	260	42	71	-	253	650	325	903	160	163
320	200	220	M160x4	PT2	200	162	320	230	160	510	310	48	88	-	320	760	350	1080	200	209

外部尺寸图 Outline drawing

◆ HSG (TC) TC型重型工程油缸 Intermediate trunnion mounting heavy duty engineering hydraulic cylinder

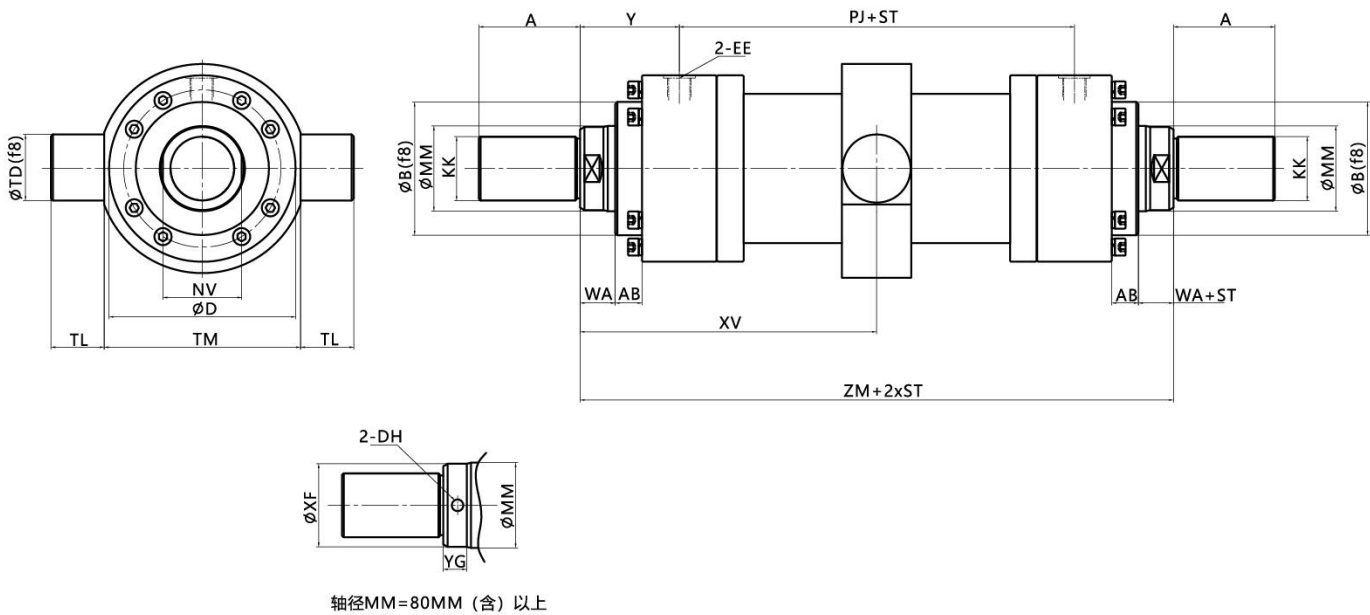


产品规格 Specification

记号 sign 内径 Bore	MM		KK	EE	B	TD	ZJ	A	D	Y	WA	AB	NV	PJ	TL	TM	XV	ZM
	C级	B级																
50	30	35	M27x2	PT1/2	63	32	244	36	108	98	18	29	32	120	25	112	依照客户 尺寸而定	316
63	40	45	M33x2	PT3/4	75	40	274	45	124	112	21	32	34	133	32	125		357
80	50	56	M42x2	PT3/4	90	50	305	56	148	120	24	36	46	155	40	150		395
100	60	70	M48x2	PT1	110	63	340	63	175	134	27	41	60	171	50	180		439
125	80	90	M64x3	PT1	132	85	396	85	208	153	31	45	-	205	63	224		511
160	100	110	M80x3	PT1 1/4	160	95	460	95	270	185	35	50	-	235	80	280		605
200	125	140	M100x3	PT1 1/4	200	112	550	112	330	220	40	61	-	278	100	335		718
250	160	180	M125x4	PT1 1/2	250	125	650	125	412	260	42	71	-	325	125	425		840
320	200	220	M160x4	PT2	320	160	760	160	510	310	48	88	-	350	160	530		955

外部尺寸图 Outline drawing

◆ HSG (TC) 双轴TC型重型工程油缸 Double rod intermediate trunnion mounting heavy duty engineering hydraulic cylinder

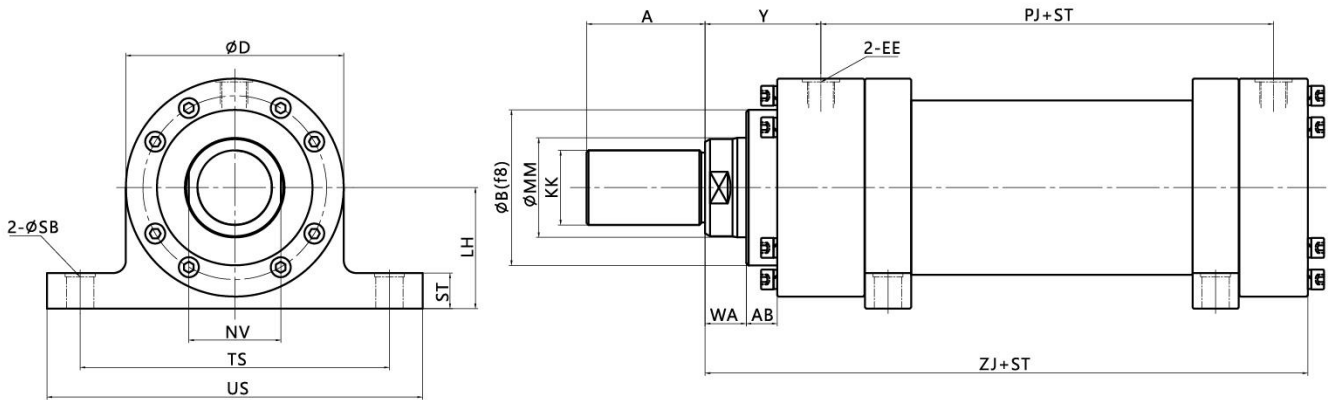


产品规格 Specification

记号 内径 Bore	MM		KK	EE	B	TD	ZJ	A	D	Y	WA	AB	NV	PJ	TL	TM	XV	ZM
	C级	B级																
50	30	35	M27x2	PT1/2	63	32	244	36	108	98	18	29	32	120	25	112	依照客户 尺寸而定	316
63	40	45	M33x2	PT3/4	75	40	274	45	124	112	21	32	34	133	32	125		357
80	50	56	M42x2	PT3/4	90	50	305	56	148	120	24	36	46	155	40	150		395
100	60	70	M48x2	PT1	110	63	340	63	175	134	27	41	60	171	50	180		439
125	80	90	M64x3	PT1	132	85	396	85	208	153	31	45	-	205	63	224		511
160	100	110	M80x3	PT1 1/4	160	95	460	95	270	185	35	50	-	235	80	280		605
200	125	140	M100x3	PT1 1/4	200	112	550	112	330	220	40	61	-	278	100	335		718
250	160	180	M125x4	PT1 1/2	250	125	650	125	412	260	42	71	-	325	125	425		840
320	200	220	M160x4	PT2	320	160	760	160	510	310	48	88	-	350	160	530		955

外部尺寸图 Outline drawing

◆ HSG (LA) 复动径向脚座安装型重型工程油缸 Side foot mounting heavy duty engineering hydraulic cylinder

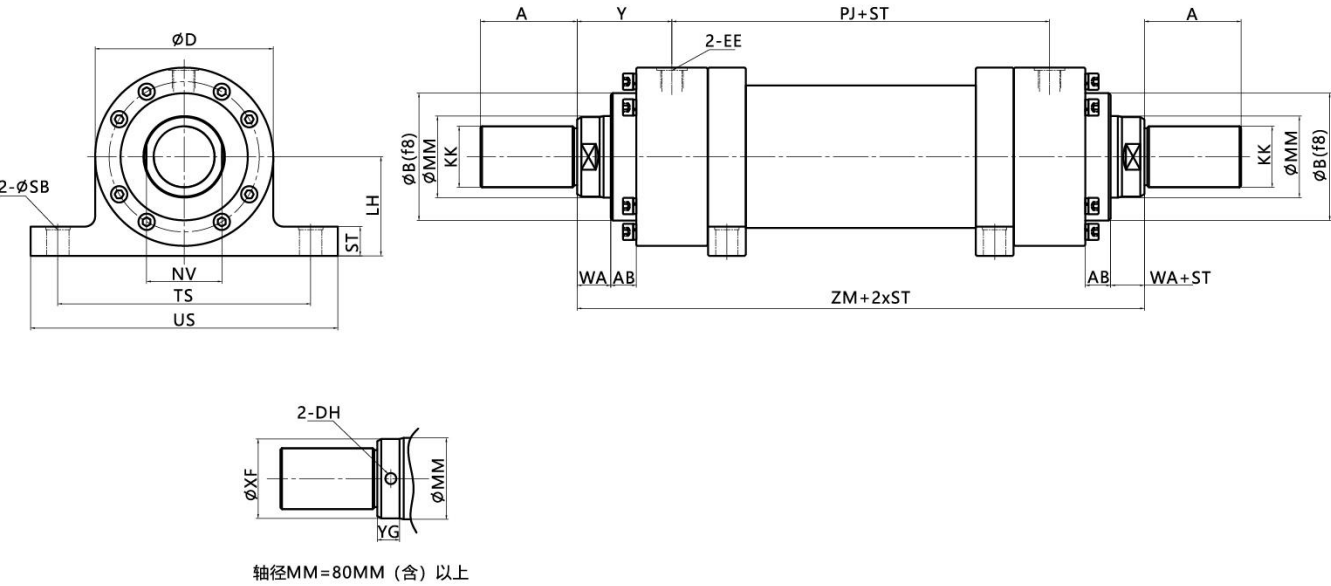


产品规格 Specification

记号 内径 Bore	MM		KK	EE	B	ZJ	SS	PJ	ZM	D	Y	WA	AB	NV	SB	ST	TS	US	XS	LH
	C级	B级																		
50	30	35	M27x2	PT1/2	63	244	55	120	316	108	98	18	29	32	11	32	135	160	130	60
63	40	45	M33x2	PT3/4	75	274	55	133	357	124	112	21	32	34	13.5	37	155	185	147.5	68
80	50	56	M42x2	PT3/4	90	305	55	155	395	148	120	24	36	46	17.5	42	185	225	170.5	80
100	60	70	M48x2	PT1	110	340	55	171	439	175	134	27	41	60	22	52	220	265	192.5	95
125	80	90	M64x3	PT1	132	396	60	205	511	208	153	31	45	-	26	62	270	325	230	115
160	100	110	M80x3	PT1 1/4	160	460	79	235	605	270	185	35	50	-	33	77	340	405	265.5	145
200	125	140	M100x3	PT1 1/4	200	550	90	278	718	330	220	40	61	-	40	87	405	480	315	170
250	160	180	M125x4	PT1 1/2	250	650	120	325	840	412	260	42	71	-	52	112	520	620	360	215
320	200	220	M160x4	PT2	320	760	120	350	955	510	310	48	88	-	62	152	620	740	425	260

外部尺寸图 Outline drawing

◆ HSG (LA) 双轴径向脚座安装型重型工程油缸 Double rod side foot mounting heavy engineering hydraulic cylinder



汽车、机械设备产业
工程油缸 >>>

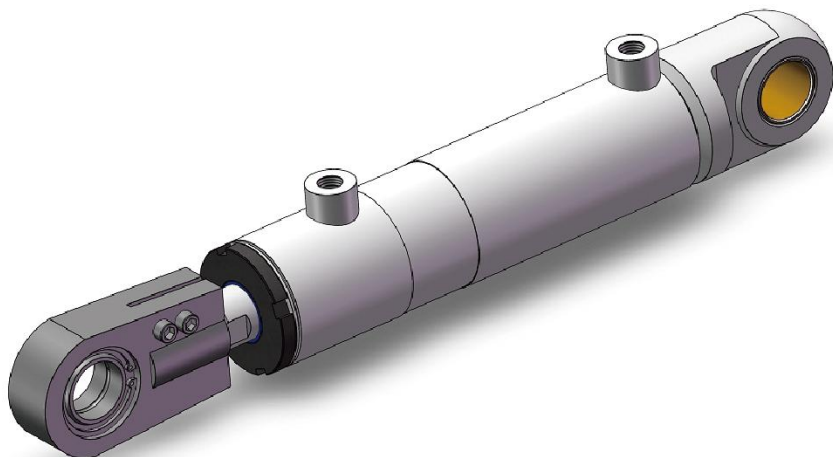
AUTO MACHINE EQUIPMENT
ENGINEERING HYDRAULIC CYLINDER

产品规格 Specification

记号 sign 内径 Bore	MM		KK	EE	B	ZJ	SS	PJ	ZM	D	Y	WA	AB	NV	SB	ST	TS	US	XS	LH
	C级	B级																		
50	30	35	M27x2	PT1/2	63	244	55	120	316	108	98	18	29	32	11	32	135	160	130	60
63	40	45	M33x2	PT3/4	75	274	55	133	357	124	112	21	32	34	13.5	37	155	185	147.5	68
80	50	56	M42x2	PT3/4	90	305	55	155	395	148	120	24	36	46	17.5	42	185	225	170.5	80
100	60	70	M48x2	PT1	110	340	55	171	439	175	134	27	41	60	22	52	220	265	192.5	95
125	80	90	M64x3	PT1	132	396	60	205	511	208	153	31	45	-	26	62	270	325	230	115
160	100	110	M80x3	PT1 1/4	160	460	79	235	605	270	185	35	50	-	33	77	340	405	265.5	145
200	125	140	M100x3	PT1 1/4	200	550	90	278	718	330	220	40	61	-	40	87	405	480	315	170
250	160	180	M125x4	PT1 1/2	250	650	120	325	840	412	260	42	71	-	52	112	520	620	360	215
320	200	220	M160x4	PT2	320	760	120	350	955	510	310	48	88	-	62	152	620	740	425	260

车辆、机械设备产业 工程油缸 HSG系列>>>

AUTO MACHINE EQUIPMENT ENGINEERING
HYDRAULIC CYLINDER HSG SERIES



产品特点 Product features

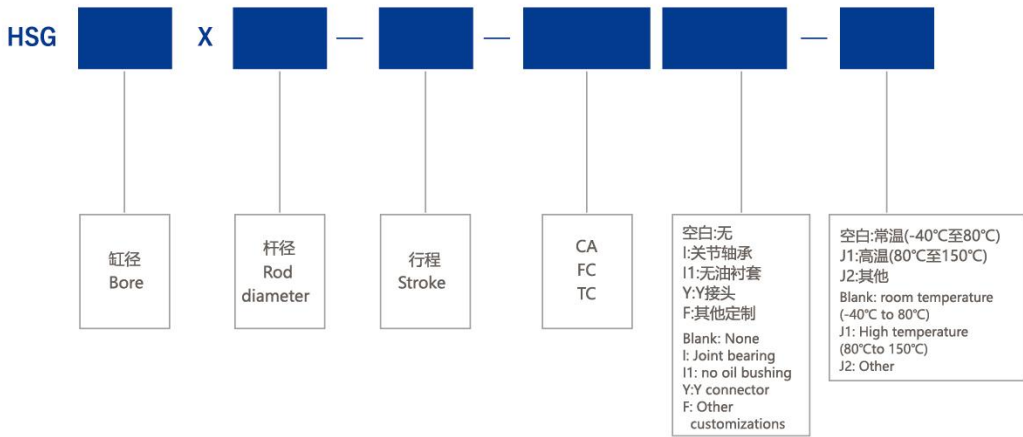
- 产品设计符合ISO6022和DIN24333规格
- 最高工作压力21Mpa
- 严格控制加工精度，有低摩擦高寿命的优点
- 可适用于工程设备，如钢铁，冶金，船舶等机器
- The product design complies with Is06022 and DIN24333 specifications
- Maximum working pressure 21Mpa
- It has the advantage of low friction and long service life.
- Can Be used in engineering equipment, such as steel, metallurgy, shipping and other machinery

安装型式 Mounting option

记号 Marks	称呼 Name	简图 Diagram
CA	基本型 Standard	
FC	前圆形法兰型 Head Round Flange	
TC	中间铰耳型 Intermediate Trunnion	

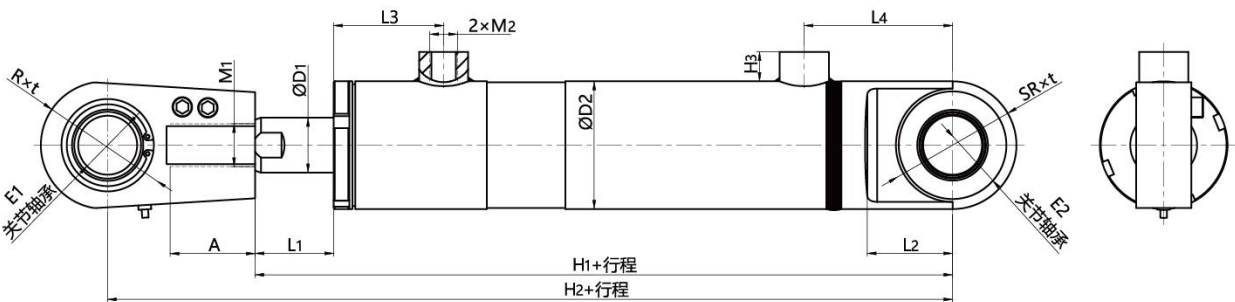


订购表示法 Order Representation



外部尺寸图 Outline drawing

◆ HSG-CA 基本型圆型工程油缸 Standard round engineering hydraulic cylinder

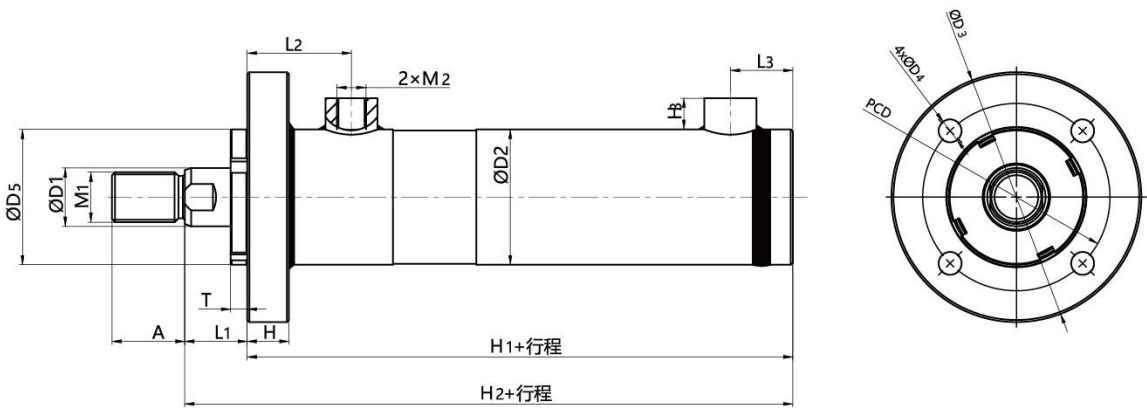


产品规格 Specification

内径 Bore	记号 Sign	D1	M1	A	D2	L1	L2	L3	L4	H1	H2	H3	M2	Rxt	E1	SRxT	E2
40		25	M18x2.0	28	55	20	30	51	37	168	233	15	M14x1.5	28x23	20	27.5x25	20
50		32	M24x2.0	35	65	20	43	58	75	185	260	15	M14x1.5	32x28	30	32.5x35	30
63		35	M24x2.0	35	76	30	50	58	75	210	285	19	M16x1.5	32x28	30	35x35	30
80		45	M39x3.0	50	102	30	60	65	100	252	357	19	M16x1.5	50x35	40	45x45	40
100		63	M50x3.0	75	121	40	70	75	110	303	438	20	M22x1.5	58x40	50	50x45	50

外部尺寸图 Outline drawing

◆ HSG-FC 圆形前法兰型圆型工程油缸 Round head flange round engineering hydraulic cylinder

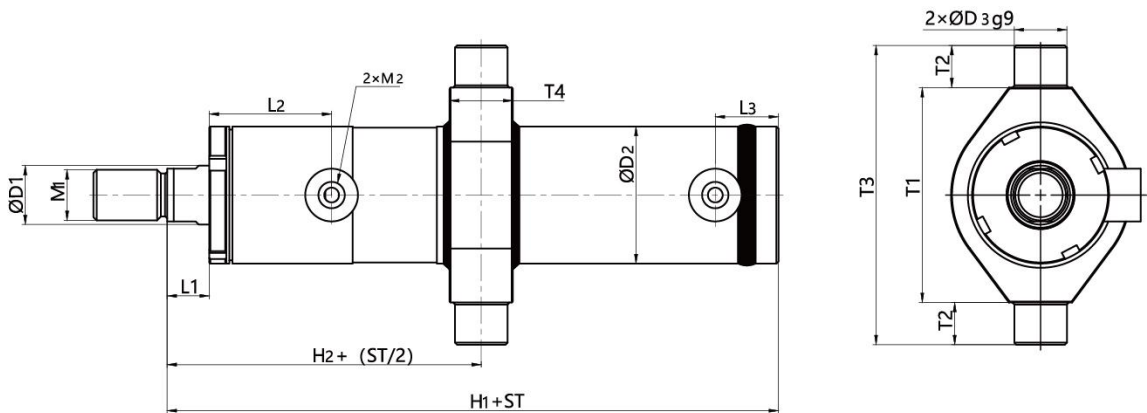


产品规格 Specification

内径 Bore	记号 Sign	D1	M1	A	D2	L1	L2	L3	H	H1	H2	M2	D3	D4	D5	T	PCD
40		25	M18x2.0	28	55	30	45	27	16	102	132	M14x1.5	95	9	55	6	75
50		32	M24x2.0	35	65	30	50	30	20	112	142	M14x1.5	120	11	65	8	90
63		35	M24x2.0	35	76	40	50	30	20	127	167	M16x1.5	130	11	76	8	100
80		45	M39x3.0	50	102	40	55	35	25	147	187	M16x1.5	175	13.5	95	10	145
100		63	M50x3.0	75	121	50	65	35	25	178	228	M22x1.5	210	17	120	10	180

外部尺寸图 Outline drawing

◆ HSG-TC 中间TC型圆型工程油缸 Intermediate trunnion round engineering hydraulic cylinder



产品规格 Specification

内径 Bore	记号 Sign	D1	M1	A	D2	L1	L2	L3	H1	H2	M2	D3	T1	T2	T3	T4
40		25	M18x2.0	28	55	20	51	27	128	64	M14x1.5	20	80	20	120	25
50		32	M24x2.0	35	65	20	58	30	140	68	M14x1.5	25	102	20	142	30
63		35	M24x2.0	35	76	30	58	30	165	82	M16x1.5	30	110	30	170	34
80		45	M39x3.0	50	102	30	65	35	187	98	M16x1.5	40	125	30	185	44
100		63	M50x3.0	75	121	40	75	35	228	116	M22x1.5	50	155	37.5	230	54



