



**HEXIQON**  
INDUSTRY



**Manufacturer of**

- Hydraulic Cylinders
- Hydraulic Power Pack
- Gravity Die Casting Machines
- De-Coring Machines
- Degassing Machines
- Leak Testing Machines

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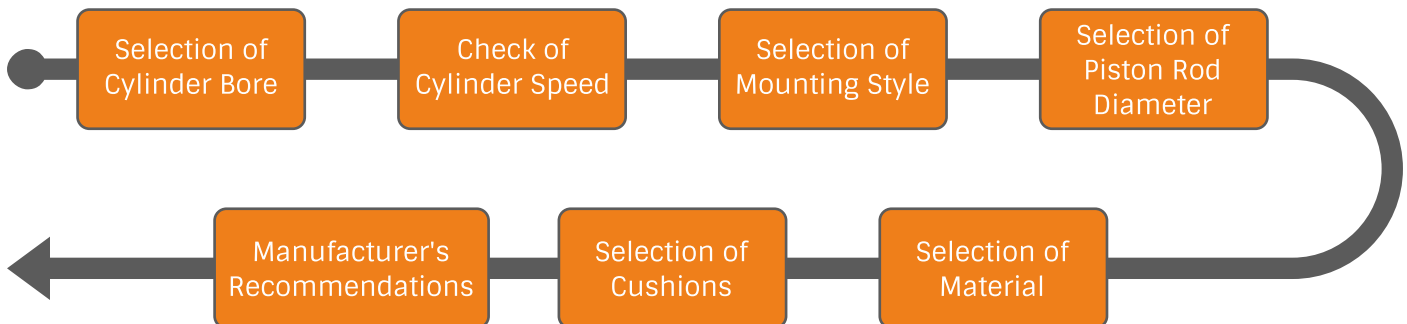
At Hexiqon, we are dedicated to providing high-quality hydraulic cylinders. Our standard cylinders offer reliability and durability, while our customized cylinders are tailored to your specific needs. With our expertise, experience, and commitment to customer satisfaction, we are the ideal choice for your hydraulic cylinder requirements.

Our hydraulic cylinders are suitable for use in a wide range of industries. They are commonly used in machinery, automotive, construction, and renewable energy systems. Whether you need standard cylinders or customized cylinders, we have the expertise to deliver reliable and durable products.

Our standard cylinders are meticulously designed to meet industry standards and provide excellent performance. These cylinders are meticulously crafted with high-quality materials to ensure durability and reliability. They are suitable for a wide range of applications, including industrial machinery, construction equipment, and hydraulic systems.

We understand that every customer has unique needs and applications. That's why we offer customized cylinders tailored to specific requirements. Our team works closely with customers to understand their requirements and develop innovative solutions. From design to manufacturing, we ensure every cylinder meets the highest standards of quality and performance.

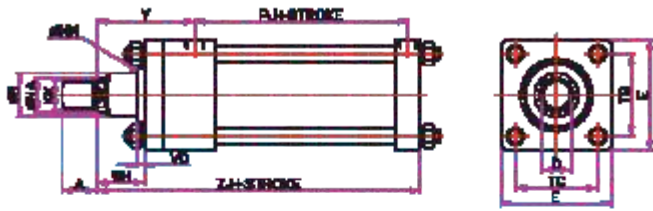
## Hydraulic Cylinder Selection Procedures



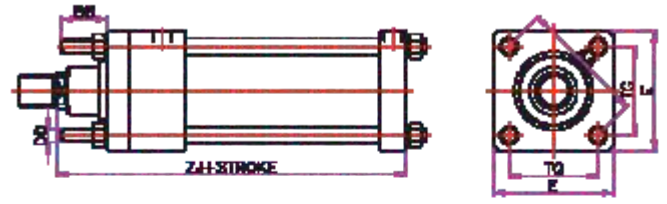
The items below need to be consider when selecting a hydraulic cylinder.

1. Set pressure (kgf/cm<sup>2</sup>): Set pressure of safety valve
2. Load (kgf): Weight of moving object
3. Condition of load : Mounting condition of load and applications
4. Cylinder required stroke (mm)
5. Operating speed (mm/sec)
6. Operating frequency (times/min) : Cycle/min
7. Application environment : Temperature, condition of dust, vibration and etc.

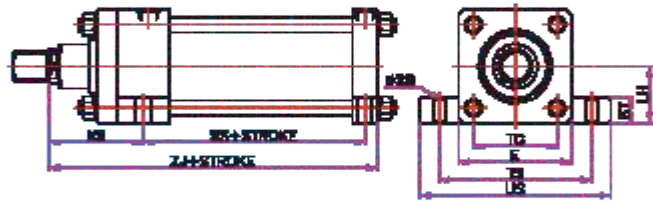
### DOUBLE-ACTING HYDRAULIC CYLINDERS



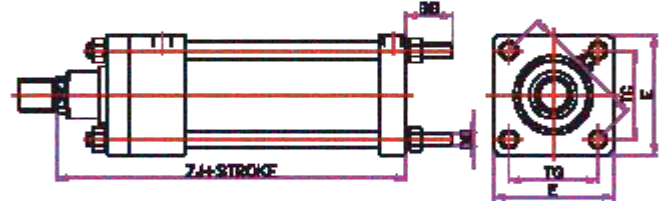
### HEAD TIE ROD EXTENDED MOUNTING CYLINDERS



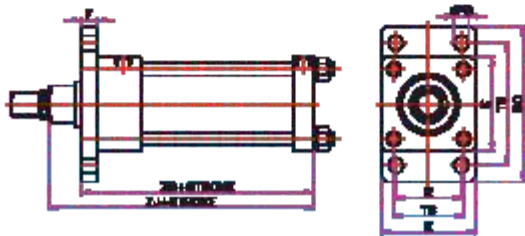
### FOOT MOUNTING CYLINDERS



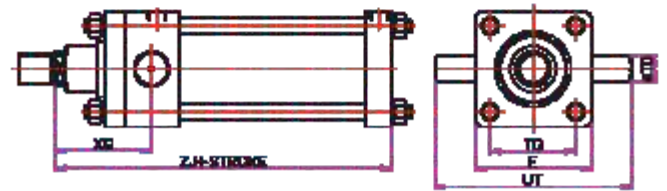
### CAP TIE ROD EXTENDED MOUNTING CYLINDERS



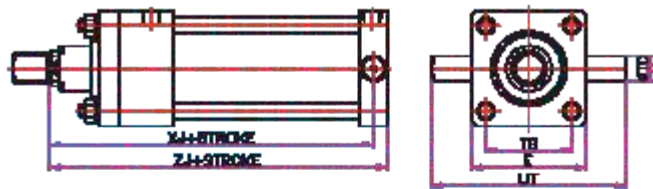
### HEAD RECTANGULAR FLANGE MOUNTING CYLINDERS



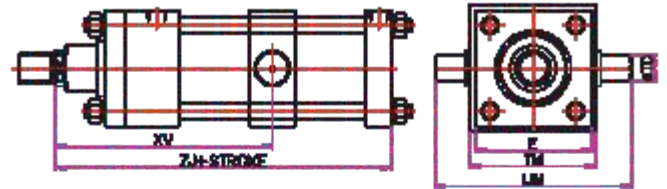
### HEAD TRUNNION MOUNTING CYLINDERS



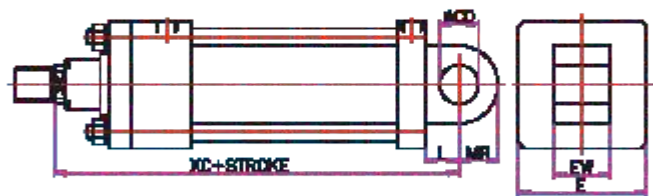
### CAP TRUNNION MOUNTING CYLINDERS



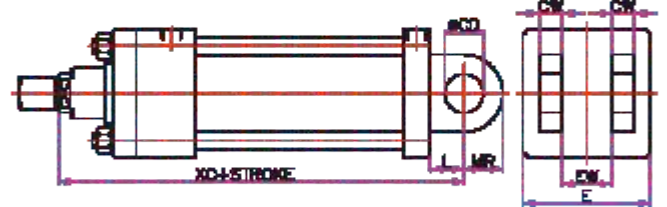
### INTERMEDIATE FIXED TRUNNION MOUNTING CYLINDERS



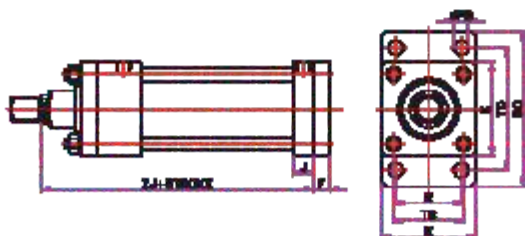
### REAR TRUNNION MOUNTING FOR FIXED EYE CYLINDERS



### REAR TRUNNION MOUNTING FOR FIXED CLEVIS CYLINDERS



### CAP RECTANGULAR FLANGE MOUNTING CYLINDERS



Bore Size	Rod Dia (MM)	A	KK	B	WH	VD	EE	Y	PJ	NA	D	E	TG	ZJ
40	25	28	M 20 X 2.5	40	24	10	1/4"	56	22	22	20	70	45	155
50	28	28	M 20 X 2.5	50	20	10	1/4"	56	26	26	24	75	50	170
63	36	36	M 27 X 2	63	24	10	3/8"	56	31	31	27	90	63	180
80	45	45	M 35 X 2	80	25	10	1/2"	60	43	43	41	115	80	195
100	56	50	M 45 X 2	100	32	10	1/2"	75	53	53	50	130	100	217
125	70	60	M 60 X 2	125	34	10	3/4"	92	65	65	60	165	125	235
150	90	75	M 75 X 2	150	50	10	1"	116	85	85	75	200	150	305
200	130	110	M 110 X 2	160	45	10	1 1/4"	196	124	124	12	250	20	347
250	150	130	M 130 X 2.5	200	40	10	1 1/4"	196	144	144	12	300	240	348

Bore Size	BB	CB	CD	CW	DD	E	EW	F	FB	J	L	LH	MR	R	SB	SS	ST
40	35	20	14	10	M 10 X 1.5	70	20	12	11	25	20	35	17	40	11	91	12
50	46	30	20	15	M 10 X 1.5	75	30	16	13	30	32	37.5	29	50	13	104	20
63	46	30	20	15	M 12 X 1.75	90	30	16	13	30	32	45	29	63	13	110	26
80	60	40	28	20	M 16 X 2	115	40	20	17	30	40	57.5	34	80	17	120	26
100	60	50	36	25	M 20 X 2.5	130	50	25	22	35	54	65	50	100	22	125	32
125	80	60	45	30	M 24 X 3	165	60	30	26	40	58	82.5	53	125	26	128	32
150	90	70	56	35	M 24 X 3	200	70	40	26	50	64	100	59	150	26	167	38
200	115	80	70	40	M 30 X 3.5	250	80	45	32	60	82	125	78	175	32	197	44
250	130	90	70	40	M 36 X 4	300	90	50	32	60	82	150	78	150	32	197	44

Bore Size	TC	TD	TG	TM	TO	TS	UM	UO	US	UT	UW	XC	XJ	XS	ZB	ZJ
40	70	20	45	75	90	83	126	115	110	115	62	175	143	51	131	155
50	75	25	50	85	105	102	139	145	130	125	112	202	155	51	150	170
63	90	25	63	100	117	124	160	160	160	150	126	212	165	55	156	180
80	115	25	80	125	150	150	198	190	190	185	160	235	180	60	170	195
100	130	30	100	140	170	172	220	220	220	200	180	271	200	75	185	217
125	165	35	125	175	215	210	260	260	300	250	215	293	215	88	201	235
150	200	45	150	215	260	260	310	310	320	300	260	369	281	115	258	305
200	250	54	200	280	310	310	388	388	380	355	355	429	317	120	303	347
250	300	54	240	330	360	360	438	438	430	405	405	430	318	120	308	348



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