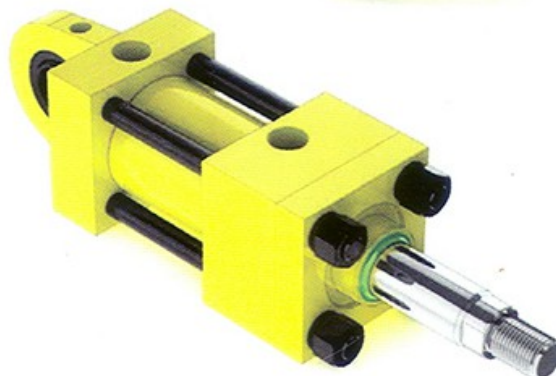
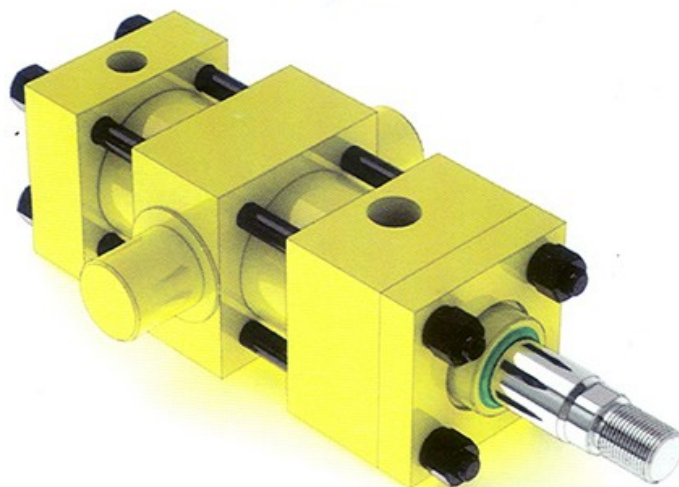
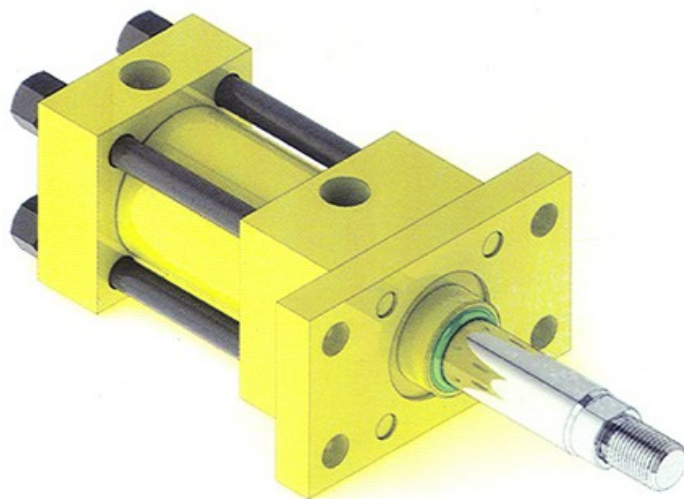




- ❖ **HYDRAULIC CYLINDERS**
10 TO 35 MPa WORKING PRESSURE.
- ❖ **WIDE RANGE OF STANDARD SIZES AS PER, ISO 6020/1, ISO 6020/2 & ISO 6022.**
- ❖ **COMPACT HYDRAULIC CYLINDERS FOR PRESSURE DIE CASTING MOULDS, JIGS & FIXTURES.**
- ❖ **CUSTOM DESIGNED & MANUFACTURED HYDRAULIC CYLINDERS.**
- ❖ **POWER PACKS MANIFOLDS.**
- ❖ **SPECIAL PURPOSE EQUIPMENT DESIGNED & MANUFACTURED AS PER CUSTOMER'S REQUIREMENT.**
- ❖ **HYD. PRESSURE INTENSIFIERS UP TO 3000Kg/cm² WORKING PRESSURE.**



TRIDENT PRODUCTS PVT. LTD.

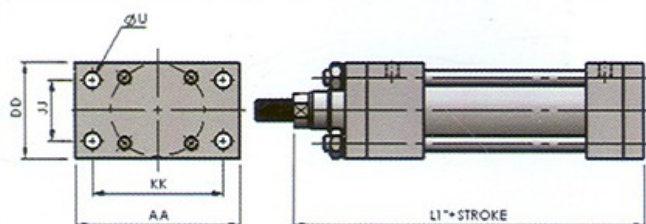
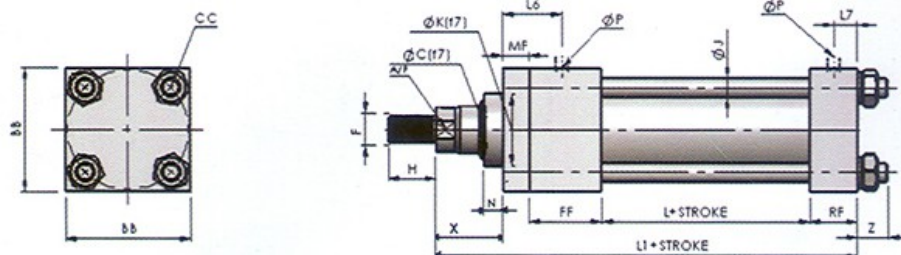
OFFICE & WORKS: 820, PHASE-V, UDYOG VIHAR, GURGAON-122016(INDIA).

TEL.: 91-124-4300626, 4300627, 4300628. FAX: 91-124-4003025.

E-mail:- trident.sales@tridenthydraulics.com, trident.hydrcyl@gmail.com

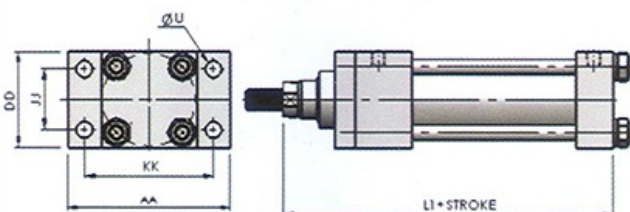
Web Address : <http://www.tridentproducts.in>

BASIC CYLINDER DIMENSIONS : CTS 200 SERIES



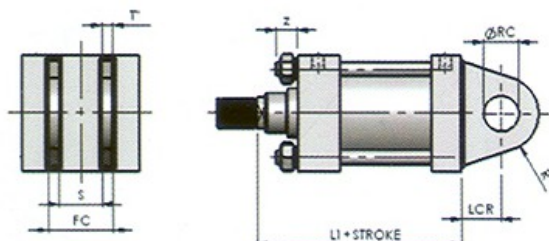
REAR FLANGE MOUNTING
MODEL CODE : CTS200-000/000-000-RF

ISO STYLE-ME6



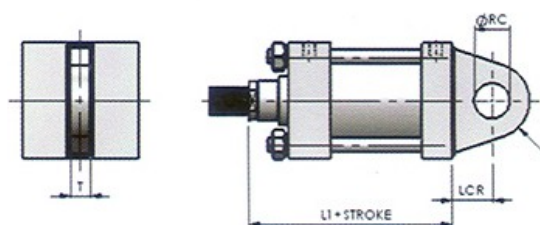
FRONT FLANGE MOUNTING
MODEL CODE : CTS200-000/000-000FF

ISO STYLE-ME5



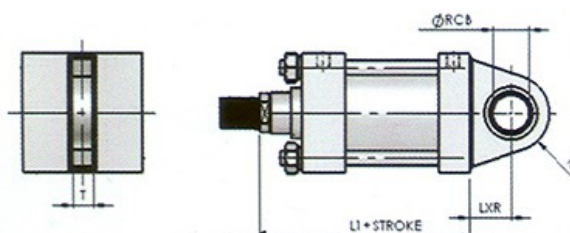
FEMALE REAR CLEVIS MOUNTING
MODEL CODE : CTS200-000/000-000-FRC

ISO STYLE-MP1



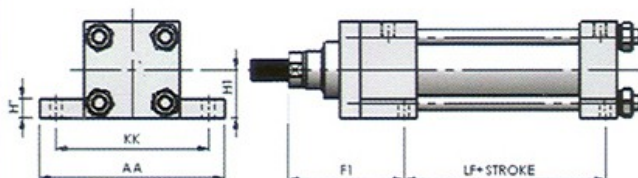
REAR MALE CLEVIS MOUNTING
MODEL CODE : CTS200-000/000-000-RC

ISO STYLE-MP3



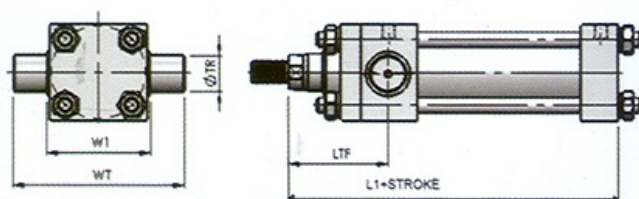
REAR MALE CLEVIS WITH ARTICULATING BEARING
MODEL CODE: CTS200-000/000-000-RCB

ISO STYLE-MP5



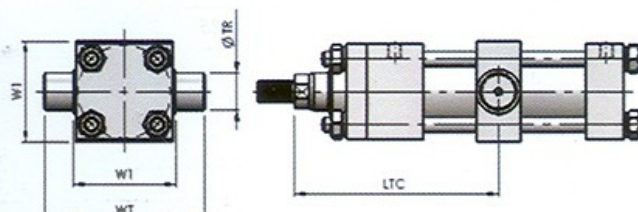
FOOT MOUNTING
MODEL CODE: CTS200-000/000-000-FM

ISO STYLE-MS2



FRONT TRUNIUN MOUNTING
MODEL CODE : CTS200-000/000-000-FTR

ISO STYLE-MT1



CENTER TRUNIUN MOUNTING
MODEL CODE: CTS200-000/000-000-CTR

ISO STYLE-MT4

INSTALLATION DIMENTION OF TRIDENT CTS200-SERIES

BORE Ø PISTONROD Ø	40	50	63	80	100	125	150	160	200
I	20	25	28	36	45	56	70	70	90
II	22	28	36	45	56	70	90	90	110
III	25	36	45	56	70	90	110	110	140
AA	110	130	145	180	200	250	285	300	360
BB	64	76	90	115	130	165	190	205	245
CC	63	74	91.5	117	137	177	210	225	267
DD	64	76	90	115	130	165	190	205	245
F1	58	64	70.5	77	88	87	97	109.5	99.5
FC	40	60	60	80	100	120	140	140	160
FF	38	45.5	45	52	62	60	80	95	75
H"	12.5	19	26	26	32	32	38	38	44
H1	31	37	44	57	63	82	95	101	122
J	10	10	12	16	16	20	24	27	30
JJ	41	52	65	83	97	126	145.5	155	190
KK	87	105	117	149	162	208	238.5	253	300
L	60	60	60	65	75	79	94	97	120
L1	162	177	183	206	232	238	232	253	332
L1"	176	193	199	225	254	260	257	283	362
L6	40	46.5	46	52	65	64	77	100	75
L7	12.5	15	15	19	19	21	28	31	35
LCR	19	32	32	39	54	57	63	63	82
LF	91.5	97.5	97.5	110	125	130	162	175.5	195
LTC	ON REQUEST								
LTF	58	64	70.5	77	88	87	97	109.5	99.5
LXR	25	31	38	48	58	72	82	92	116
MF	14	16	16	19	22	22	25	30	30
N	10	10	10	10	10	10	10	10	10
ØP(BSP)	Ø3/8"	Ø3/8"	Ø1/2"	Ø3/4"	Ø3/4"	Ø1"	Ø1"	Ø1"	Ø1-1/4"
ØRC(H9)	14	20	20	28	36	45	60	56	70
ØRCB	20	25	30	40	50	60	70	80	100
ØTR(f8)	20	25	32	40	50	63	56	80	100
ØU	Ø11	Ø14	Ø14	Ø18	Ø18	Ø22	Ø27	Ø26	Ø33
R	17	29	29	34	50	53	59	59	78
RF	25	30	30	38	38	42	56	62	75
S	20	30	30	40	50	60	70	70	80
T (h14)	13	17	19	23	30	38	30	47	57
T"	10	15	15	20	25	30	35	35	40
W1	76	89	100	127	140	178	198	215	279
WT	108	129	150	191	220	278	310	341	439
X	35	41	48	51	57	57	57	57	57
Z	15	15	18	23	23	27	35	39	39

PISTON ROD Ø	20	22	25	28	36	45	56	70	90	110	140
H	20	22	25	28	36	45	56	63	85	85	112
F	M16X1.5	M16X1.5	M20X1.5	M20X1.5	M27X2	M33X2	M42X2	M48X2	M64X3	M80X3	M100X3
K(f7)	32	34	38	42	50	60	72	88	108	133	163
A/F	16	18	21	22	30	39	48	62	80	95	120

MODEL CODE SELECTION

CTS 200 SERIES BORE / P. ROD.	000/000 STROKE	FRC MOUNTING	WC WITHOUT CUSHIONING	Special Instructions. IN CLEAR TEXT
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a. Installation dimentions given in this sheet are in mm.

b. Nominal presssure : 200Kg/cm²

Maximum working pressure : 210Kg/cm².

c. Maximum working speed : 0.5m./sec.

d. Working Pressure Range:10° to +70°C.

e. Suitable for working with mineral oil DIN 51524 & DIN 51525 Phosphate Ester.

f. Viscosity Range : 2.8-380cst.

g. Hardend Piston Rod available on request.

h. Special rod end preparations available on request.

i. For stroke longer then 1000mm, we recommend the use of internal spacers as follows:

1. For stroke rangingbetween 1001mm to 1500mm-50mm spacer.

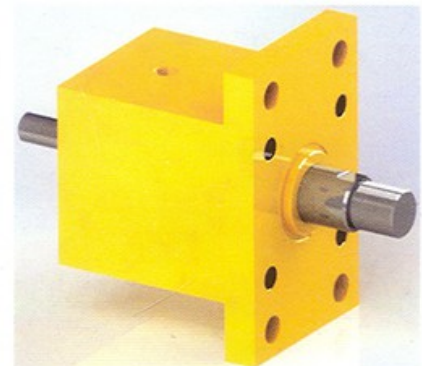
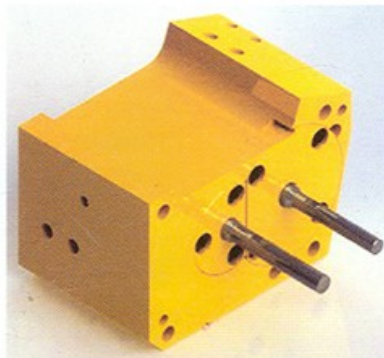
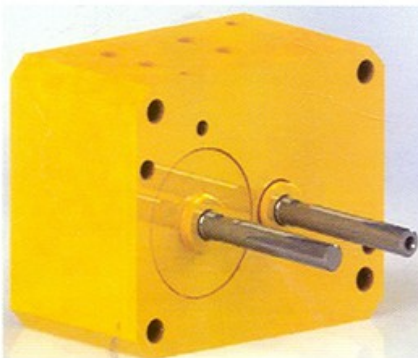
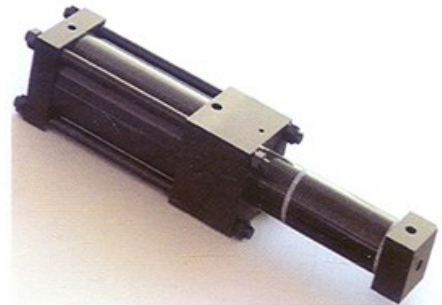
2. For stroke rangingbetween 1501mm to 2000mm-100mm spacer.

3. For stroke rangingbetween 2001mm to 2500mm-150mm spacer.

j. For cyinders of larger strokes, intermediate tie rod support is used.

k. Adjustable or fixed cushioning can be provided on request.

Note: In line with our policy of continuing product improvement, specifications in this catalogue are subject to change without notice.



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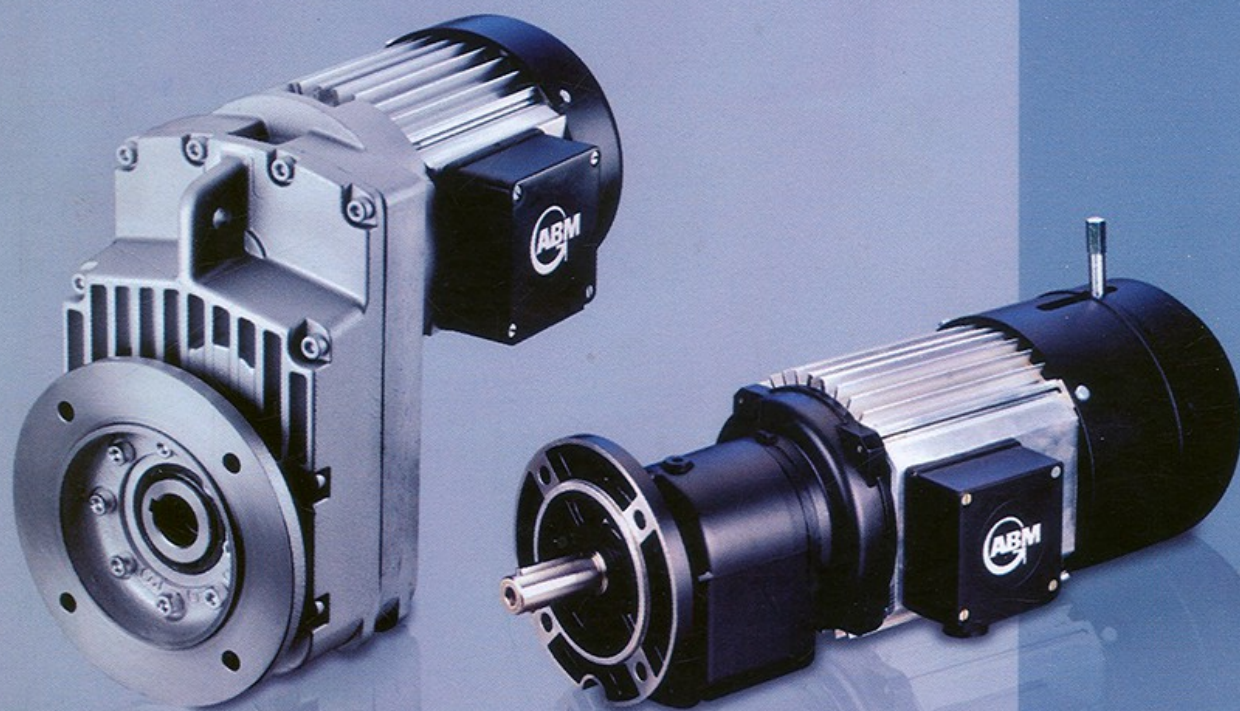
Web Address : <http://www.tridentproducts.in>

CAT. No. : 01/01/2016

Travel Drives from ABM Greiffenberger, Germany



Gear Up for a better business



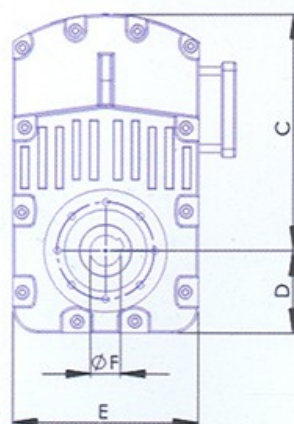
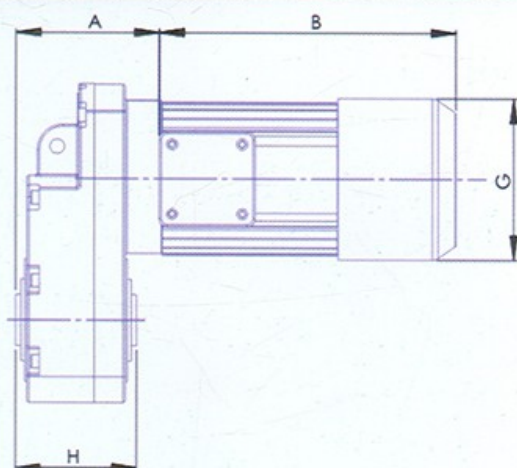
Accuracy and performance are the driving factors of our gearboxes

Travel Drive Technology for Cranes and Hoists from ABM Greiffenberger, Germany

Lifting and conveying loads require powerful and reliable drives which can work in harsh environments and unfavorable conditions. For last 25 years ABM travel drives are exceeding the highest expectations of more than 60 OEMs all over the world. Optimised design and top quality of ABM made in Germany products gives a Competitive edge to OEM users.

All drive systems represents compact unit consisting of Gearbox, Motor and Brake. Travel drives are available as helical geared motors (G series) or Shaft mounted hollow shaft geared motors (FGA series). ABM has three product lines of crane travel drives.

1. Eco line single speed travel drives.
2. Prof line double speed travel drives.
3. Automation line variable speed inverter controlled drives

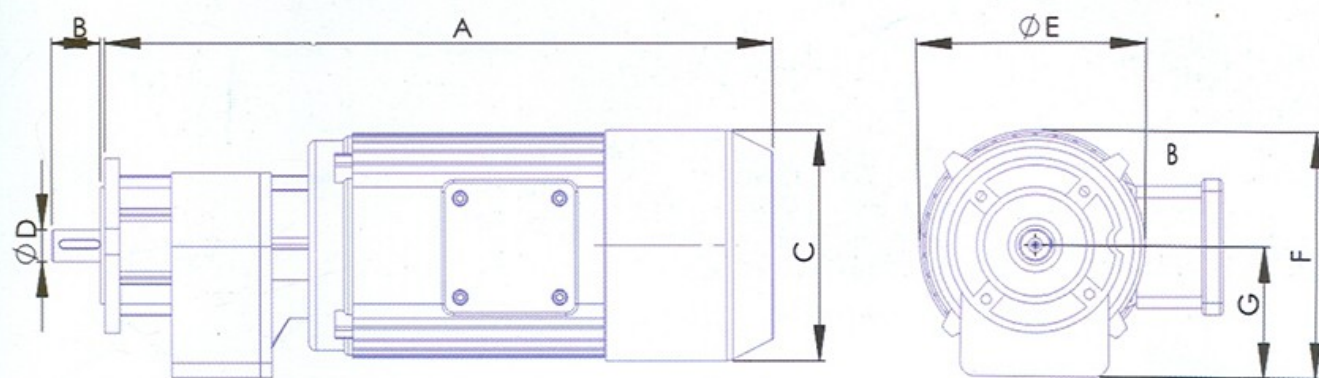


F Type Gearbox for 5/20 mpm speed & two motor operation

Load = Crane weight + max lifting load

Dimensions [mm]

S.No.	Wheel Dia [mm]	Model	Ratio	Load	2xP[KW]	A	B	C	D	E	Ø F	G	H
1	125	FGA423F/4KD71a	56.06	4200	0.12	127.5	252.5	209	80.5	181	30	139	117
2		FGA423F/4KD71b	56.06	5800	0.18	127.5	252.5	209	80.5	181	30	139	117
3		FGA423F/4KD80a	56.06	9500	0.25	136.5	276	209	80.5	181	30	158	117
4	160	FGA423F/4KD71b	70.05	6500	0.18	127.5	252.5	209	80.5	181	30	139	117
5		FGA423F/4KD80a	70.05	10500	0.25	136.5	276	209	80.5	181	30	158	117
6		FGA423F/4KD80b	70.05	15000	0.37	136.5	276	209	80.5	181	30	158	117
7	200	FGA423F/4KD71b	82.66	6800	0.18	127.5	252.5	209	80.5	181	30	139	117
8		FGA423F/4KD80a	90.48	12000	0.25	136.5	276	209	80.5	181	30	158	117
9		FGA423F/4KD80b	90.48	19000	0.37	136.5	276	209	80.5	181	30	158	117
10	250	FGA423F/4KD80a	103.97	12000	0.25	136.5	276	209	80.5	181	30	158	117
11		FGA423F/4KD80b	103.97	19500	0.37	136.5	276	209	80.5	181	30	158	117
12		FGA1353F/4KD90sa	110.28	30000	0.55	165	308	266	106	215	50	177	165
13	315	FGA423F/4KD80a	144.87	14000	0.25	136.5	276	209	80.5	181	30	158	117
14		FGA1353F/4KD80b	136.75	21500	0.37	165	276	266	106	215	50	158	165
15		FGA1353F/4KD90Sa	136.75	33000	0.55	165	308	266	106	215	50	177	165
16	400	FGA1353F/4KD80b	166.83	22000	0.37	165	276	266	106	215	50	158	165
17		FGA1353F/4KD90Sa	166.83	33000	0.55	165	308	266	106	215	50	177	165
18		FGA1353F/4KD90La	166.83	47000	0.75	165	333	266	106	215	50	177	165



G Type Gearbox for 5/20 mpm speed & two motor operation

Load = Crane weight + max lifting load

Dimensions [mm]

S.No.	Wheel Dia [mm]	Model	Ratio	Load	2xP[KW]	A	B	C	Ø D	Ø E	F	G
1	125	G90F/4KD71a	54.94	4500	0.12	424	36	139	22	120	150	90
2		G90F/4KD71b	54.94	6000	0.18	424	36	139	22	120	150	90
3												
4	160	3G90F/71/4KD71a	65.51	4800	0.12	486	36	139	22	120	150	90
5		3G90F/71/4KD71b	65.51	6200	0.18	486	36	139	22	120	150	90
6												
7	200	3G100F/71/4KD71b	82.85	6500	0.18	491	42	139	25	140	170	100
8		3G112F/80/4KD80a	93.39	12000	0.25	516	58	158	30	200	212	112
9		3G132F/90/4KD80b	83.53	18000	0.37	559	58	158	35	200	232	132
10	250	3G112F/80/4KD80a	104.84	12000	0.25	516	58	158	30	200	212	112
11		3G132F/90/4KD80b	105.62	20000	0.37	559	58	158	35	200	232	132
12		3G160F/100/4KD90Sa	109.35	30000	0.55	616.5	82	177	45	200	260	160
13	315	3G160F/100/4KD80b	131.17	21000	0.37	585	82	158	45	300	310	160
14		3G180F/100/4KD90Sa	135.63	33000	0.55	656.5	82	177	55	300	330	180
15		3G180F/100/4KD90La	135.63	36000	0.75	681.5	82	177	55	300	330	180
16	400	3G180F/100/4KD90Sa	166.21	33000	0.55	656.5	82	177	55	300	330	180
17		3G200F/132/4KD90La	166.46	47000	0.75	720.5	105	177	60	300	350	200
18		3G200F/132/4KD100La	166.46	56000	1.1	754	105	196	60	300	350	200

ADVANTAGES

- Made in Germany high quality drive unit
- Special rotor for soft start and stop
- Powerful 8/2 pole two speed crane duty motor in Profiline drives
- Life time lubrication
- Long life time brakes (1 million cycle without adjustment)
- Versatile mounting options
- Light weight, highly corrosion resistant aluminium alloy die cast housing
- Built in flywheel with bearings on both sides
- Hardened and Precision ground helical gears
- Very low noise Gearing design
- Asbestos free brake pads

NOTE:- WE RESERVE THE RIGHT TO MAKE CHANGES FOR DESIGN IMPROVEMENT WITHOUT NOTICE.



CHAIN HOIST



HOIST DRIVE

TRIDENT PRECISION INTERNATIONAL



151, Sector VI, IMT Manesar-122050, Gurgaon (Harvana), Tel. 91-124-4101151, 4300626, 4300627

Fax: 91-124-4003025; **Head Office** : 7/27, Kirti Nagar Indl. Area, New Delhi-110015 (INDIA)

Tel: 91-11-41425326, 41425327, Fax: 91-11-25927181; E-mail: trident.parker@tridenthydraulics.com, trident.sales@tridenthydraulics.com

Website: www.trident-precision.com

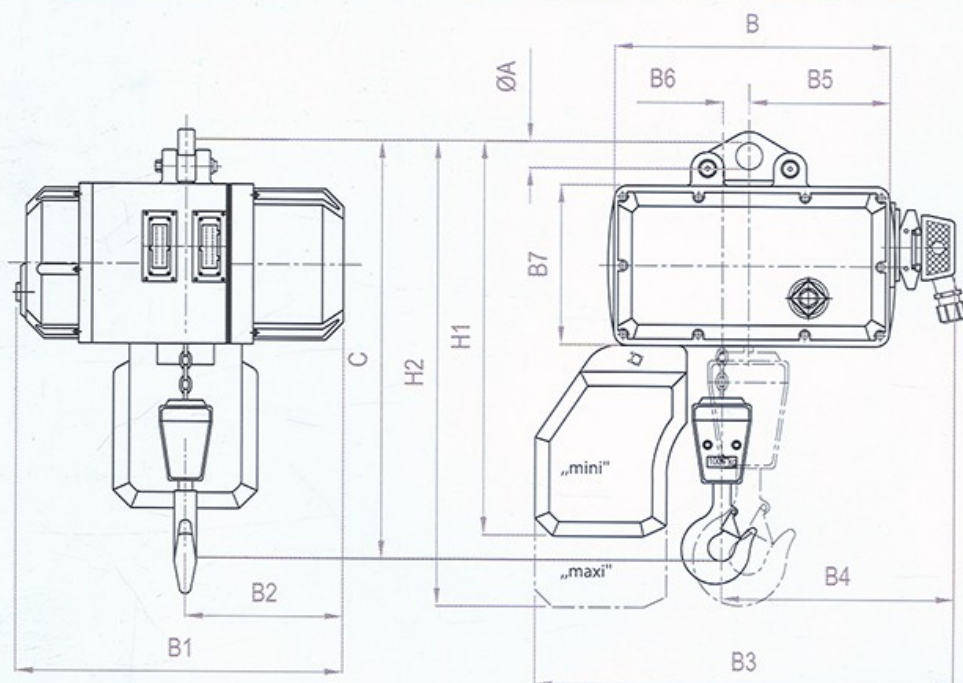
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T+P

**International quality
chain hoists
affordable for you!**



Our energy efficient Chain Hoists have lifted the burden off your power resources

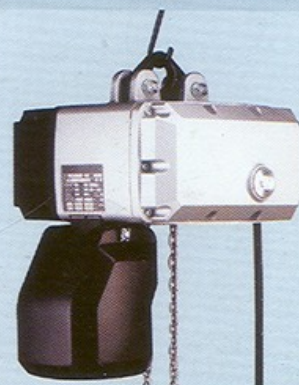


MODEL	SWL kg	NO. OF FALL	LIFTING SPEED mm	Ø A	B	B1	B2	B3	B4	B5	B6	B7	C	H1	H2
CH1	250 kg	1-fall	2.0/8.0	36	280	327	165	425	242	140	25	160	367	415	515
CH1	500 kg	2-falls	1.0/4.0	36	280	327	165	425	217	140	0	160	436	415	515
CH2	500 kg	1-fall	2.0/8.0	36	280	327	165	425	242	140	25	160	400	415	515
CH2	1000 kg	2-falls	1.0/4.0	36	280	327	165	425	217	140	0	160	463	415	515
CH3	1000 kg	1-fall	2.5/10.0	52	310	375	196	502	266	166	24	180	480	512	662
CH3	2000 kg	2-falls	1.25/5.0	52	310	375	196	502	231	166	0	180	570	512	662

Weight of Standard Hoist only: CH1=30 kg; CH2=33 kg; CH3=54 kg

ADVANTAGES

- One of the best German made chain hoists available in India
- State-of-art German technology
- Light weight die cast aluminum alloy construction
- Two speed intermittent crane duty motor
- Hardened and ground gear box
- Corrosion resistant DC disc brake
- Very low decibel noise level meeting or exceeding DIN Standards
- Easily adjustable oil dipped overload safety clutch
- Available in three sizes for 250 kg to 2000 kg
- Quick connectors for pendant and power supply
- Push hand operated and motorized trolleys available



TRIDENT PRECISION INTERNATIONAL

T+P

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