

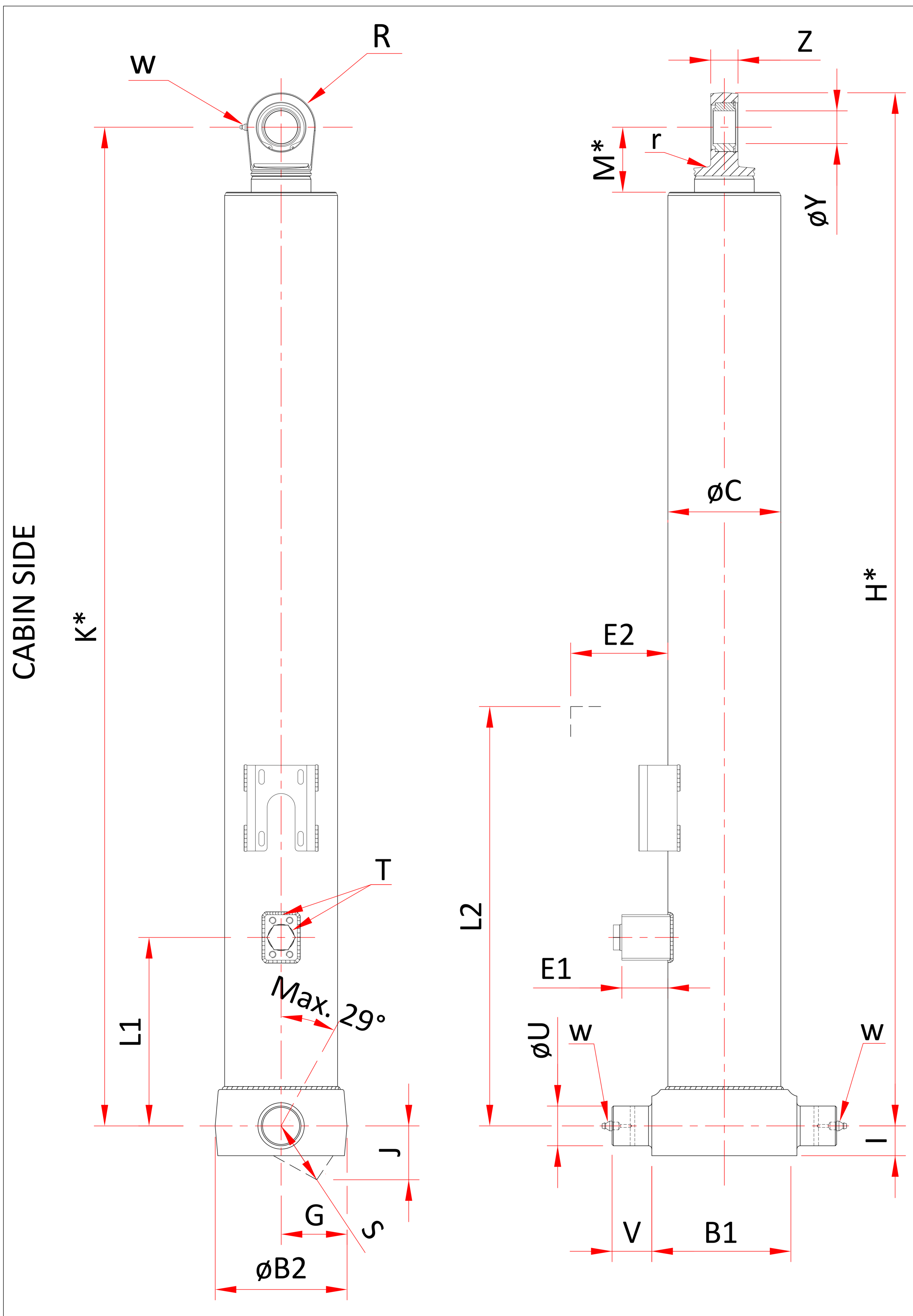
TELESCOPIC CYLINDER
FRONT MOUNTED EYE - TRUNION

TIPPING WEIGHT: 51-87 ton / 112-192 x 1000 lbs



Part Number	Cylinder Type	Stroke Length	Dry Weight of Cylinder	Working Volume	Total Volume	Max. Pressure	Max. Pump Flow	Max. Thrust first stage
P1000000N	FMET 192-5185/5/N	204"	602 lbs	26 gallon	28 gallon	2756 psi	28 gal/min	121254 lbs
		5185mm	273 Kg	98 L	105 L	190 bar	107 L/min	55 ton

Stage	1	2	3	4	5	6	Total
Stage Diameter (inch)	7,5	6,7	5,9	5,1	4,4		
Stage Diameter (mm)	192	170	150	130	111		
Stroke (inch)	40,7	41,5	41,5	41,5	38,9		204
Stroke (mm)	1034	1054	1054	1054	989		5185



	U.S.	Metric	Units
B1	9,64"	245	mm
B2	9,8"	249	mm
C	8,54"	217	mm
E1	2,79"	71	mm
E2	6,45"	164	mm
G	4,88"	124	mm
H*	51,71"	1415	mm
I	1,77"	50	mm
J	3,62"	102	mm
K*	53,62"	1362	mm
L1	11,41"	290	mm
L2	26,45"	672	mm
M*	4,76"	100	mm
R	2,09"	53	mm
S	4,60"	130	mm
T	1"	1"	BSP
U	2,36"	60	mm
V	2,36"	60	mm
Y	1,97"	50	mm
Z	1,65"	42	mm

T - Oil Inlet Port
* incl. 0,79" [-0,2;1,2"] / 20[-5;30] pullout on piston

- Note :
- > N - Nitrated.
 - > w - Grease nipple M8x1P - 3 nos. (1 no.- Piston Eye and 2 nos.-Base trunion).
 - > 20mm Clearance must be maintained between cylinder bottom and cradle or King pin - dimension J=102mm.
 - > Top eye forging has r = 10mm, Cylinder mounting plates should NOT FOUL and get jammed
 - > PZR Tip valve is directly mounted on cylinder, to avoid fouling maintain minimum E2 & L2 clearance.
 - > We recommend to use Hypratek Chassis brackets and Cylinder mounting pin.
 - > Dimensions subject to change without notice.
 - > Please turn over this page to see the mounting instructions and Tipping weight to Tipping angle.