

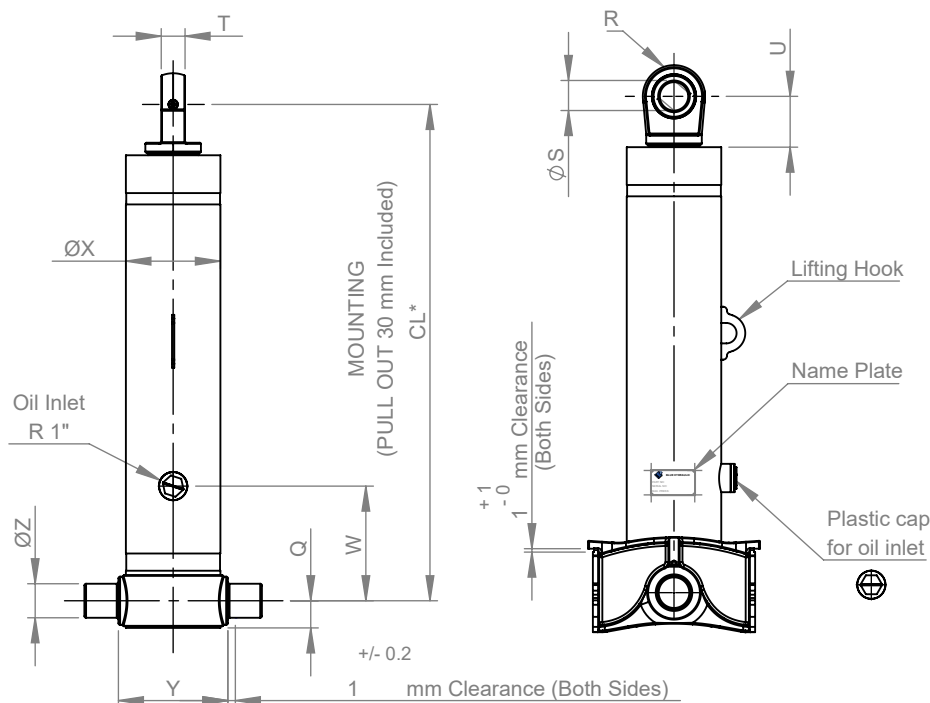


**BLUE
HYDRAULIC SP Z O.O.**

TELESCOPIC CYLINDER TECHNICAL INFORMATION

MD-5-174-5400 FEM

PRODUCT CODE: 5351745400312



X	:	196	mm
Z	:	60	mm
Y	:	240	mm
W	:	200	mm
Q	:	60	mm
U	:	95	mm
CL*	:	1387	mm
R	:	52.5	mm
S	:	50	mm
T	:	43	mm

5 x 174 x 5400 FEM

No of Stage
First Stage Tube Diameter
Stroke Length
Cylinder Type

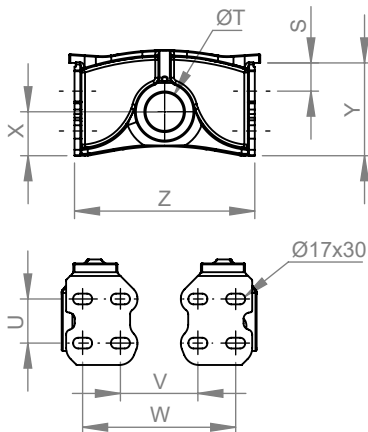
EFFECTIVE DIAMETER (mm)	196	174	154	134	115	97	79	63
THRUST AT 170 bar (tons)	51.3	40.4	31.6	24.0	17.6	12.6	8.3	5.3

BRACKETS: 47000125

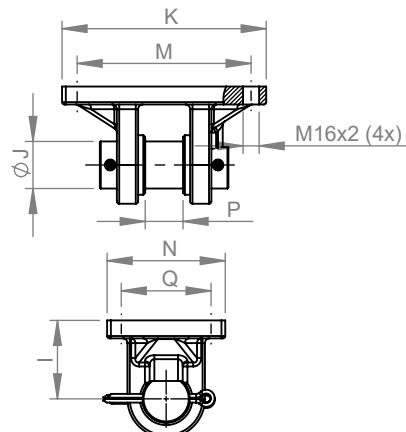
S	:	42.25	mm
T	:	60.8	mm
U	:	70	mm
V	:	198	mm
W	:	318	mm
X	:	73.5	mm
Y	:	151	mm
Z	:	368	mm

* Brackets are optional

Weight: 29.6 Kg



TOP MOUNTING PIN KIT: 47000026



I	:	85	mm
J	:	50	mm
K	:	216	mm
M	:	184	mm
N	:	125	mm
P	:	39	mm
Q	:	95	mm

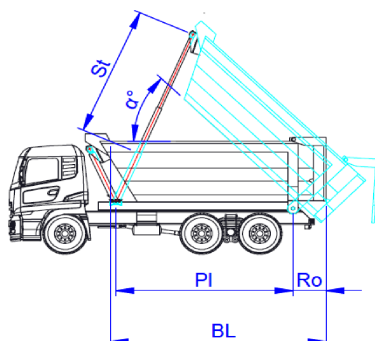
* Pin Kit are optional

Weight: -- Kg

FORMULATION

St	:	Stroke	mm
BL	:	Body Length	mm
Ro	:	Rear Overhang	mm
PI	:	Pivot Length	mm
α°	:	Tipping Angle	mm

$$\alpha^\circ = \frac{St \times 60}{PI}$$



SPECIFICATIONS

*Inc 30 mm Pull Out	:	Tolerance +20 ; 0
Working Pressure	:	170 Bar
Max. Working Pressure	:	190 Bar
Cylinder Volume	:	89 L
Cylinder Weight	:	-- Kg
Hard Chromed All Stages	:	25 micron (±5)
All Cylinder Materials	:	are st 52 Cold Drawn Tubes
Standard Cylinder	:	is Painted RAL 9005 (Jet Black)
With Thickness	:	of 40 to 50 micron