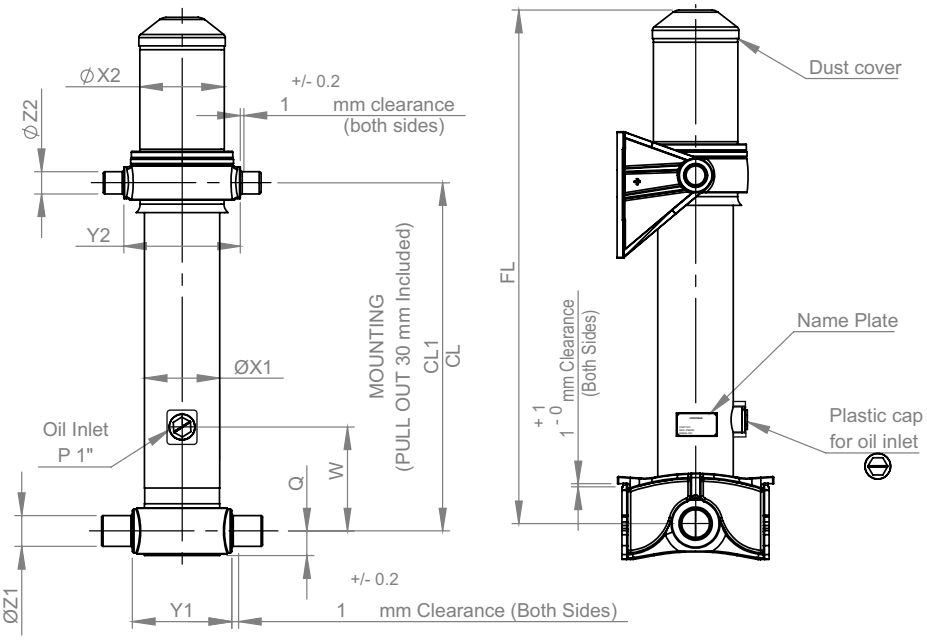
TELESCOPIC CYLINDER TECHNICAL INFORMATIONS

GHS 175 x 5 x 7135 H

PRODUCT CODE: 4317557135625



X1	:	196	mm
X2	:	241	mm
Y1	:	240	mm
Y2	:	340	mm
Z1	:	60	mm
Z2	:	65	mm
W	:	290	mm
Q	:	60	mm
CL	:	1015	mm
*CL1	:	1035	mm
FL	:	1784	mm

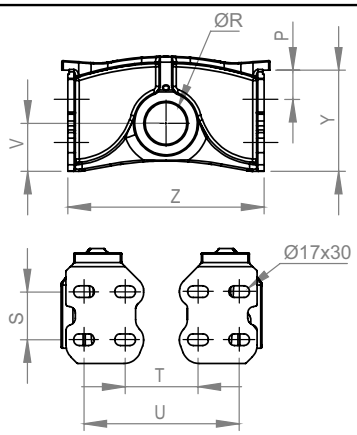
5 x 175 x 7135 H

- 5 — No of Stage
- 175 — First Stage Tube Diameter
- 7135 — Sroke Length
- H — Cylinder Type

EFFECTIVE DIAMETER (mm)	245	220	197	175	155	135	116	98	80	63	47
THRUST AT 250 bar (tons)	117.8	95	76.2	60.1	47.1	35.8	26.4	18.8	12.6	7.8	4.3

BRACKET KIT: 47000125

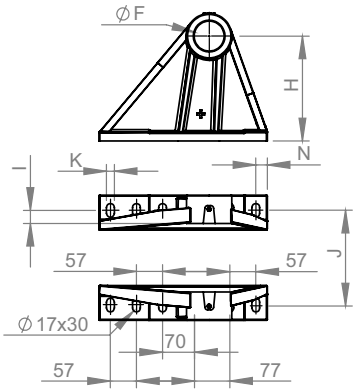
P	:	42.5	mm
R	:	60.8	mm
S	:	70	mm
T	:	198	mm
U	:	318	mm
V	:	73.5	mm
Y	:	151	mm
Z	:	368	mm



* Brackets are optional

Weight: 29.6 Kg

LIFTING BRACKET KIT: 47000121



F	:	65.5	mm
H	:	229	mm
I	:	28.5	mm
J	:	400	mm
K	:	17	mm
N	:	25	mm

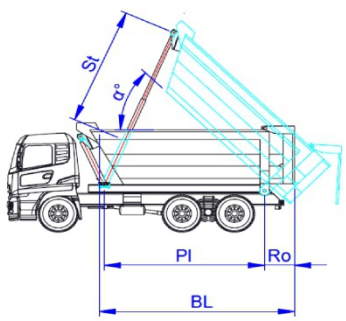
* Lifting Bracket kit are optional

Weight: 9.5 Kg

FORMULATION

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

$$\alpha° = \frac{St \times 60}{Pl}$$



SPECIFICATIONS

*Inc 30 mm Pull Out	:	Tolerance +20 ; 0
# Max. Working Pressure	:	250 Bar
Working Volume	:	108 L
Cylinder Weight	:	342 Kg

Hard Cromed 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
Max. working pressure is not related to max. Cylinder load (end of stroke) ;
Significant unloading required before tipping end of stroke.
In addition to this, the truck rpm must be idle level at the end of stroke.