HYPO özceylanlar

FRONT END TYPE TELESCOPIC CYLINDER

FEC-185-5-7050-000-C0343

ACCESSORIES (Optional)

BODY BRACKET KBR-04

CHASSIS BRACKET SBR-02

⚠️ **PULL OUT**

When mounting the cylinder, the inner stage is mounted by opening +30 mm.
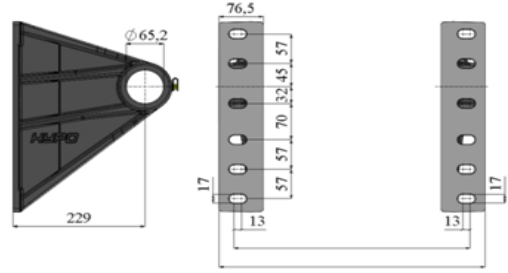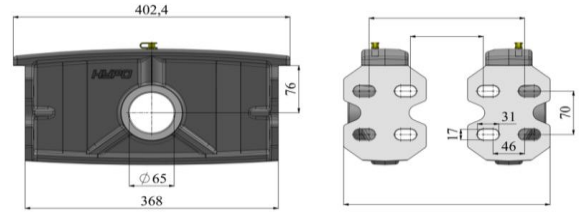
UNITS TABLE (mm)

A :	218	I :	58
B :	260	K :	343
C :	58	L :	1807
D :	240	M :	1742
E :	65	N :	290
F :	65	P :	275
G :	65	R :	255
H :	165	T :	G 1"

TECH. SPECIFICATIONS

Max. Pressure	:	190 bar
Cylinder Weight (Kg)	:	448
Total Oil Volume (Lt)	:	128
Closed Lenght (mm)	:	343
Opened Lenght (mm)	:	7393
Total Stroke (mm)	:	7050
Oil Inlet	:	G 1"
	:	

Stages	1	2	3	4	5	6	7	8	9	10	TOTAL
Stage Diameter (Ø)	185	160	135	115	95						
Stroke (mm)	1410	1410	1410	1410	1410						7050
Max. Thrust (Ton)	51,0	38,2	27,2	19,7	13,5						

ℹ️ USING INSTRUCTION

This cylinder is used only as a lifting device. This cylinder is designed for longitudinal loads. It should not be used in a horizontal position.
The cylinder should not be used as any supporting structural device. The operating temperature range of the hydraulic oil should be selected between -40°C and +80°C.

ℹ️ CYLINDER INFORMATION

The cylinders are produced in standard RAL 9005 coded black paint and the minimum thickness has been subjected to ISO 9227 natural salt spray test for 480 hours.All stages are 20 µm hard chromed.The trunnions are made of cast steel or forged steel.Cylinder heads are made of forged steel. All stages are manufactured from seamless cold drawn S355J0 quality material.
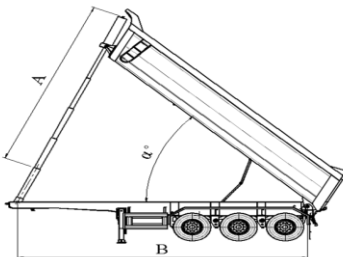
⚠️ SAFETY RULES

Do not operate above the permissible working pressure and load capacity.Adjust the safety valve only to the permissible working pressure.Pay attention to the characteristics of the hydraulic oil used in the cylinder and use a filter.Do not load over capacity and unbalanced load on the vehicle.

NOTES

REVISIONS

Please contact our Technical Dep. For your other questions

Technical Calculations

$$\alpha° = \frac{Ax60}{B} \qquad F(N) = 10 \times C\ (cm^2) \times P\ (bar)$$

a° : Body Angle (°)
A : Stroke (mm)
B : Pivot Lenght (mm)

F : Thrust (Newton)
C : Area (cm²)
P : Pressure (bar)

10 N ≈ 1 Kg

BODY ANGLE (a°)

a°	40	45	50	55	60
STROKE (A)	7050				
PIVOT L. (B)	10575	9400	8460	7691	7050