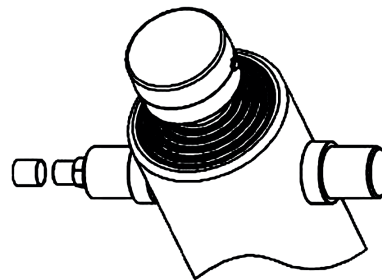
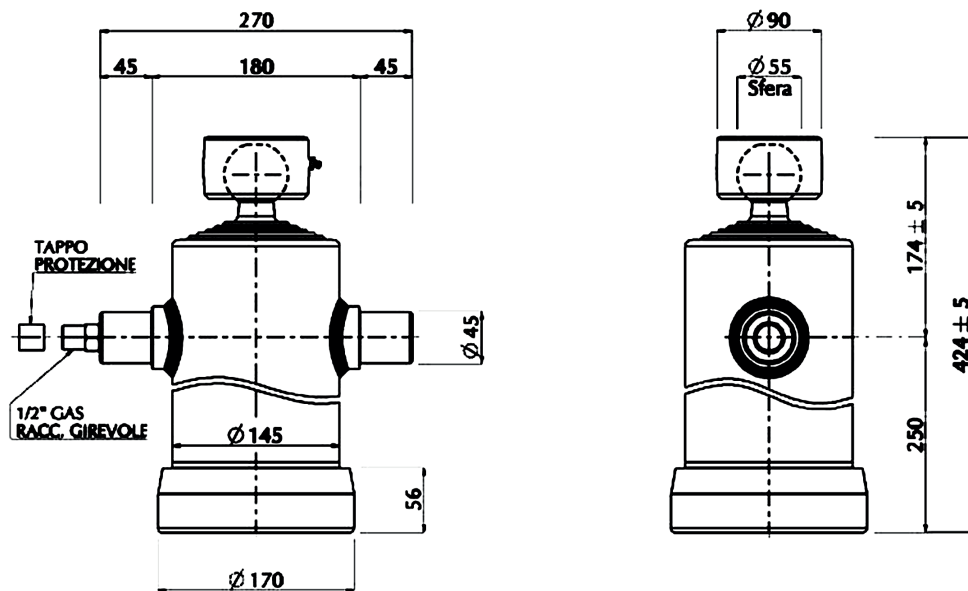


## Teleskopzylinder (260017) Vérins télescopiques

Description	BE 5/1250/145-D-176
Code	CT#55BODJMCEN01
Short code	26
Tipping weight	10.0 ton

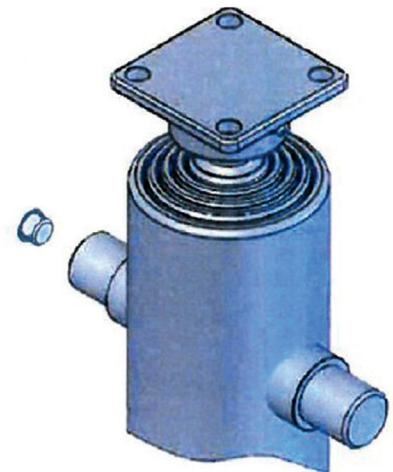
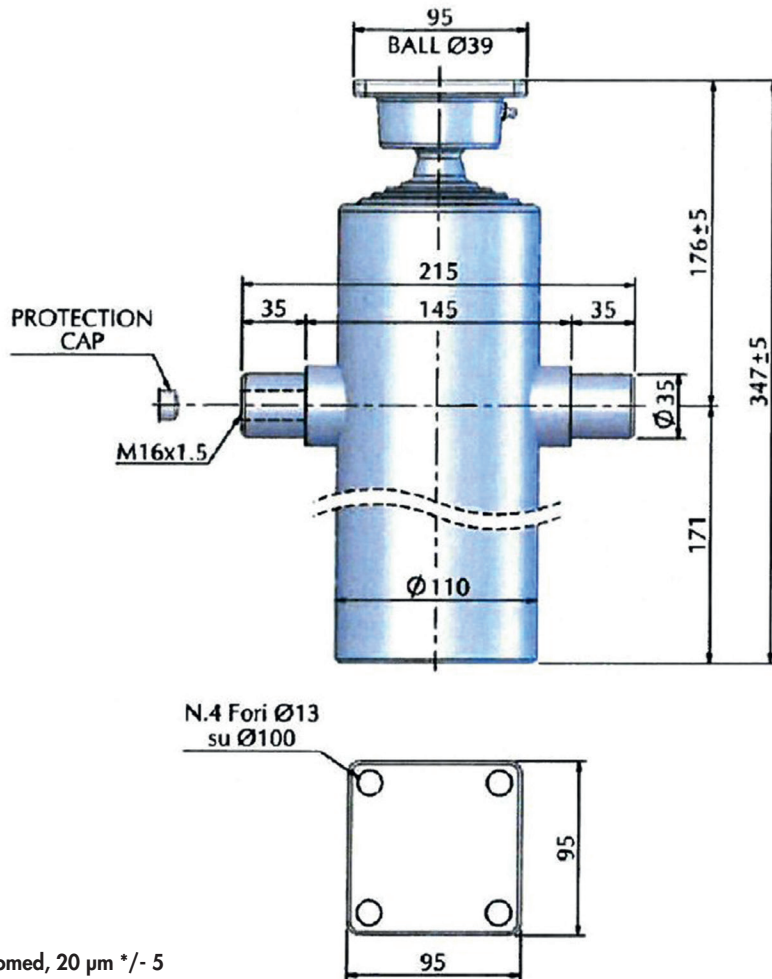


Sfilate N	Diametro effettivo mm	Spinata a 150 Ton
I	Ø 120	17,0
II	Ø 105	13,0
III	Ø 90	9,5
IV	Ø 75	6,6
V	Ø 60	4,2

Numero sfilate	5
Corsa	1250 mm
Peso cilindro	41.75
Volume di lavoro	9.3 l
Pressione max. di lavoro	180 bar
Temperatura d'esercizio	- 30 ↔ + 100 °C
Culla	4 CU#EB
Supporto stamp. chiuso c/ing.	Ø 45 SC#ESSIN
Supporto stamp. aperto	Ø 45 SSA#E
Supporto stamp. aperto tipo "E"	Ø 45 SA#EENPNIN
Piastra per supporto	Ø 45 PSA#1

## Teleskopzylinder (260022) Vérins télescopiques

Description BI 4/784/110-D-176-1Gd  
 Serie Ø110/4  
 Type BI



Chromed, 20 µm +/- 5

### Cylinder stages

Ø Stage	Ø032	Ø045	Ø060	Ø075	Ø090	Ø105	Ø120	Ø140	Ø160						
Thrust at 150 Bar (Tons)	---	2.40	4.20	6.60	9.50	---	---	---	---						
Stages of cylinder		●	●	●	●										

### Specifications

Stages number	04
Cylinder Stroke [ mm ]	784
Cylinder weight only [ kgs ]	18.70
Working volume [ Ltrs ]	3.40
Max Working pressure [ Bar ]	200

### Technical Information

<input type="checkbox"/> Oil	: See oil specification sheet
<input type="checkbox"/> Tipping weight	: Net weight + Payload

### Brackets and Accessories

Closed brackets [ 2 Units per cylinder ]	SC#ASSIN	1.25 [Kgs] x 2=
Open brackets [ 2 Units per cylinder ]	---	
Cradle Type	---	

### Recommendation

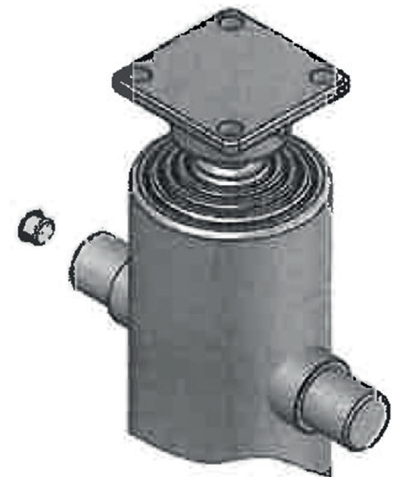
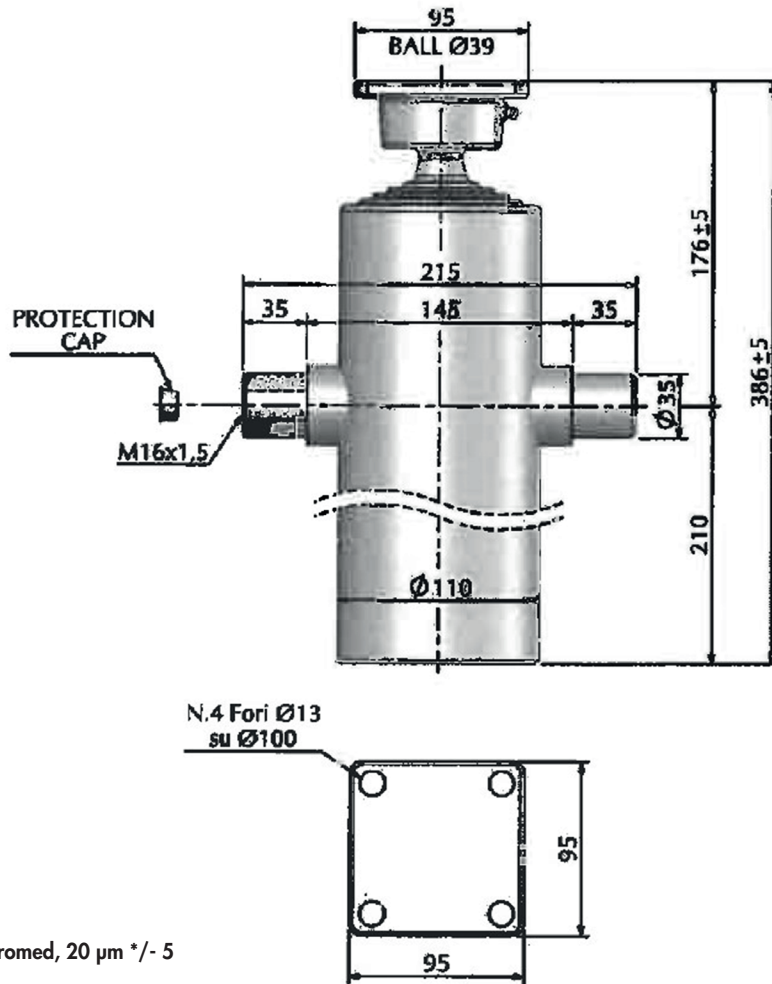
<input type="checkbox"/> This Mariz cylinder is designed as a lifting device only
<input type="checkbox"/> It must not be used as a structural member or be subject to side loads
<input type="checkbox"/> Pump flow in consultation with Mariz engineering department

### Advices

All our cylinders are manufactured to suit the particular application in the differing world markets/climate. Should you require details of the exact lifting capacity of the cylinder that has been selected for your application/veichle then please contact our technical department who will be only pleased to explain or advise.

## Teleskopzylinder (260025) Vérins télescopiques

Description BI 4/944/110-D-176-1Gd  
 Serie Ø110/4  
 Type BI



### Cylinder stages

Ø Stage	32	45	68	75	90
Thrust at 150 bar (tons)	---	2.40	4.20	6.60	8.50
Stages of cylinder		•	•	•	•

### Specifications

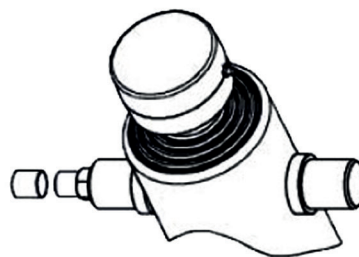
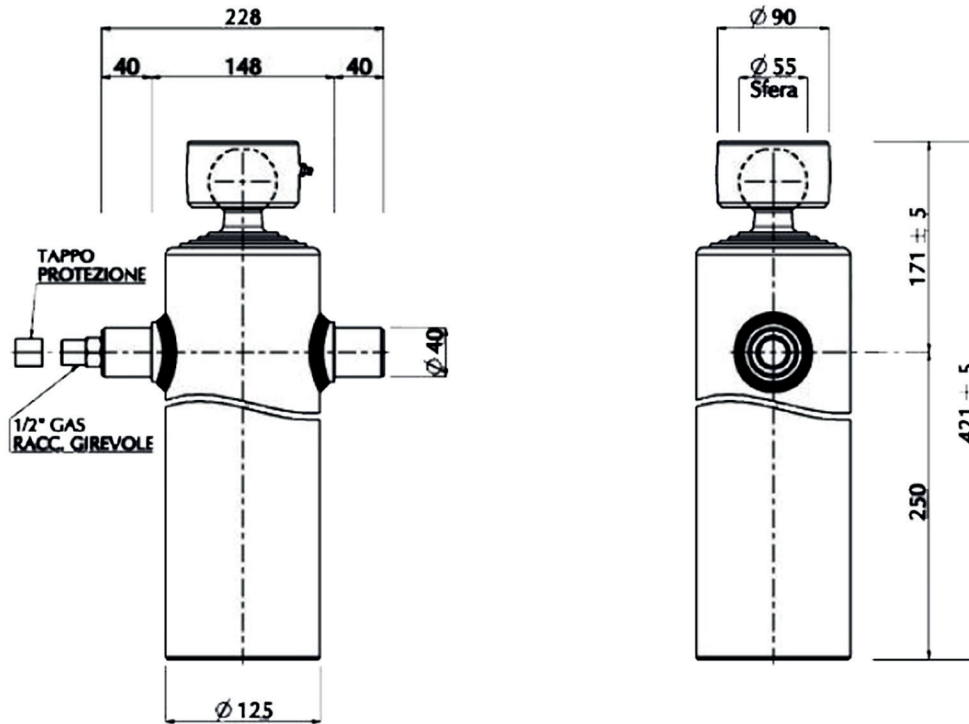
Stages number		04
Cylinder stroke	mm	944
Cylinder weight only	kgs	21.0
Working volume	Lbs	4.10
Max. Working pressure	bar	200

### Brackets and accessories

Closed brackets (2 units per cylinder)	SC#ASSIN	1.25 (kgs) x 2=
Open brackets (2 units per cylinder)	---	
Cradle type	---	

## Teleskopzylinder (260054) Vérins télescopiques

Description	BE 4/930/115-D-173
Code	CT#44BACCNCIN99
Short code	13B NV
Tipping weight	8.3 ton

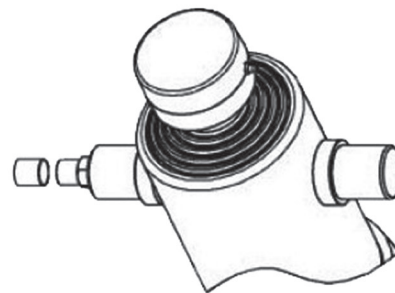
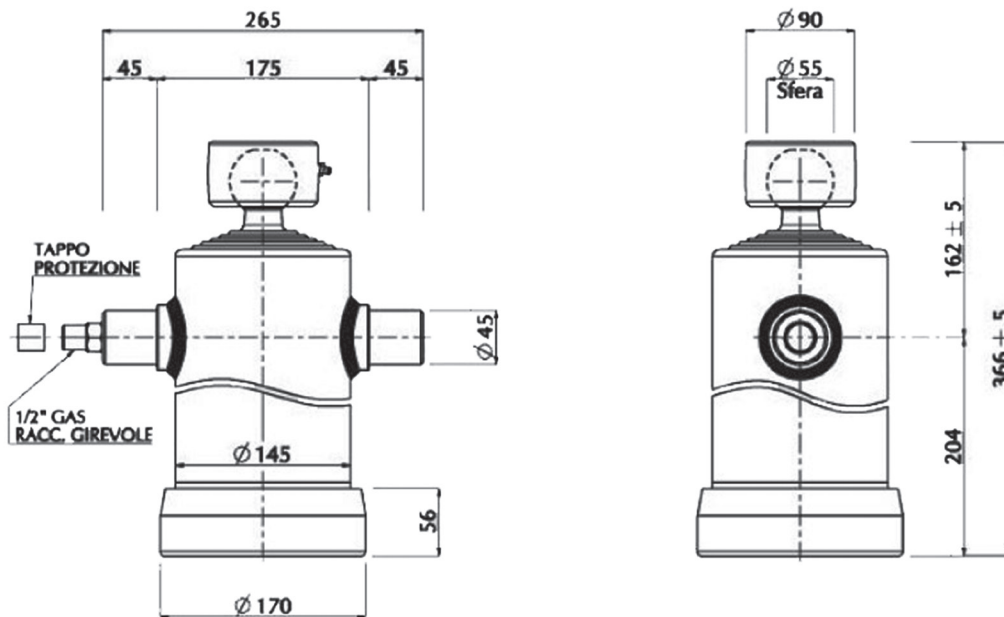


Sfilate N	Diametro effettivo mm	Spinata a 150 Ton
I	Ø 105	13,0
II	Ø 90	9,5
III	Ø 75	6,6
IV	Ø 60	4,2

Numero sfilate	4
Corsa	930 mm
Peso cilindro	29.3
Volume di lavoro	5.8 l
Pressione max. di lavoro	200 bar
Temperatura d'esercizio	- 30 ↔ + 100 °C
Colla	3 CU#EB
Supporto stamp. chiuso c/ing.	Ø 40 SC#ESSIN
Supporto stamp. aperto	Ø 40 SSA#E
Supporto stamp. aperto tipo "E"	Ø 40 SA#EENPNIN
Piastra per supporto	Ø 40 PSA#1

## Teleskopzylinder (260065) Vérins télescopiques

Description	BE 5/960/145-D-165
Code	CT#55BEDFNEN01
Short code	25CP
Tipping weight	10.0 ton

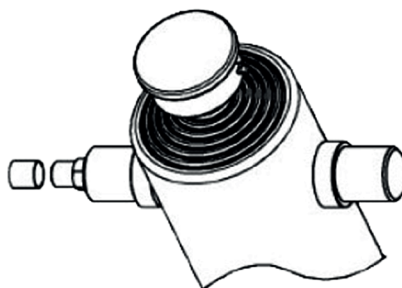
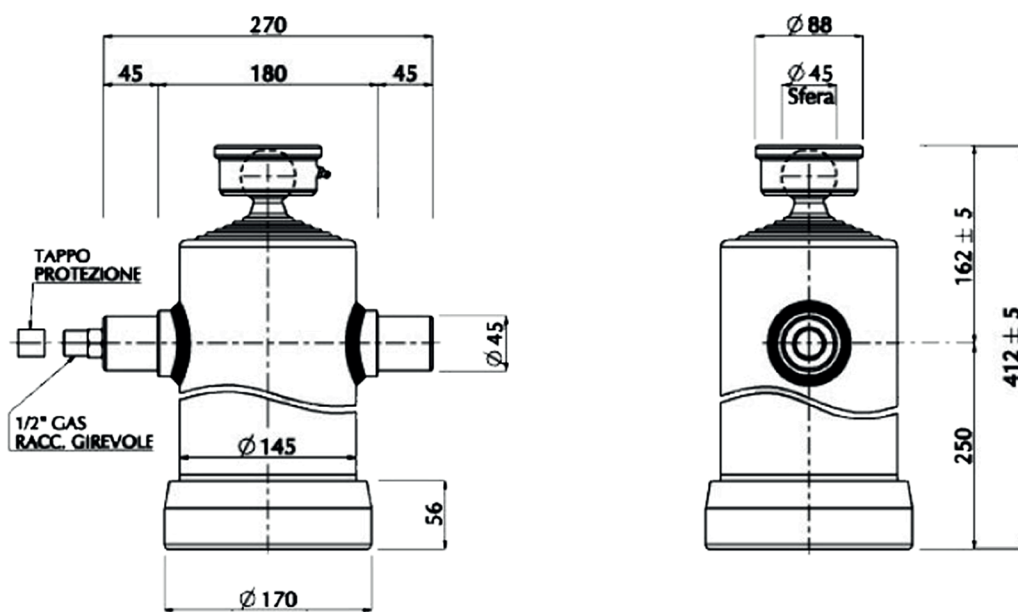


Sfilate N	Diametro effettivo mm	Spinata a 150 Ton
I	Ø 120	17,0
II	Ø 105	13,0
III	Ø 90	9,5
IV	Ø 75	6,6
V	Ø 60	4,2

Numero sfilate	5
Corsa	960 mm
Peso cilindro	35.95
Volume di lavoro	7.1 l
Pressione max. di lavoro	180 bar
Temperatura d'esercizio	- 30 ↔ + 100 °C
Culla	4 CU#EB
Supporto stamp. chiuso c/ing.	Ø 45 SC#ESSIN
Supporto stamp. aperto	Ø 45 SSA#E
Supporto stamp. aperto tipo "E"	Ø 45 SA#EENPNIN
Piastra per supporto	Ø 45 PSA#1

## Teleskopzylinder (260066) Vérins télescopiques

Description	BE 6/1500/145-D-163
Code	CT#56BWDJNBEN01
Short code	26A
Tipping weight	8.7 ton

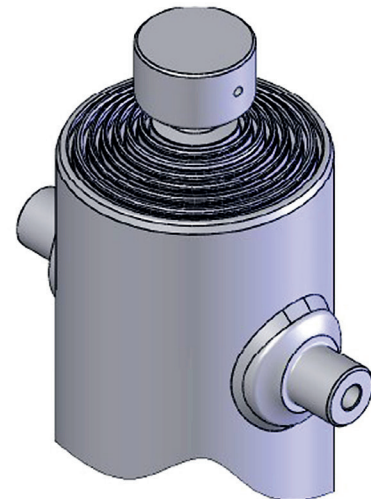
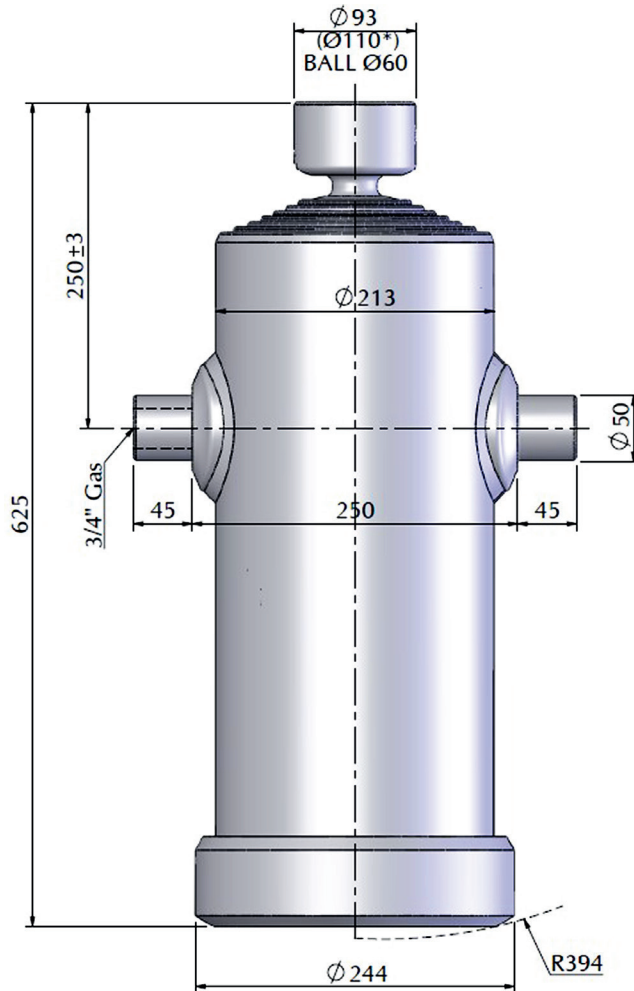


Sfilate N	Diametro effettivo mm	Spinata a 150 Ton
I	Ø 120	17,0
II	Ø 105	13,0
III	Ø 90	9,5
IV	Ø 75	6,6
V	Ø 60	4,2
VI	Ø 45	2,4

Numero sfilate	6
Corsa	1500 mm
Peso cilindro	40.15
Volume di lavoro	9.8 l
Pressione max. di lavoro	180 bar
Temperatura d'esercizio	- 30 ↔ + 100 °C
Culla	4 CU#EB
Supporto stamp. chiuso c/ing.	Ø 45 SC#ESSIN
Supporto stamp. aperto	Ø 45 SSA#E
Supporto stamp. aperto tipo "E"	Ø 45 SA#EENPNIN
Piastra per supporto	Ø 45 PSA#1

## Teleskopzylinder (260076) Vérins télescopiques

Description	B DWR 7.2800.213 - D250
Serie	Ø213
Type	B DWR



\* For loads over 20000 kg, request ball with Ø 68

### Cylinder stages

Ø Stage	Ø045	Ø060	Ø076	Ø092	Ø108	Ø069	Ø088	Ø107	Ø126	Ø145	Ø165	Ø167	Ø187	Ø210	Ø236	Ø265
Thrust at 200 Bar [Tons]	---	---	---	---	---	7.50	12.20	18.00	25.00	33.00	41.20	---	51.20	---	---	---
Stages of cylinder						●	●	●	●	●	●		●			

### Specifications

Stages number	07
Cylinder Stroke [mm]	2800
Cylinder weight only [kgs]	124
Working volume [Ltrs]	41.5
Max Working pressure [Bar]	200

### Technical Information

<input type="checkbox"/> Oil	: See oil specification sheet
<input type="checkbox"/> Tipping weight	: Net weight + Payload
<input type="checkbox"/> Fitted centres [*]	: Closed centres plus 20 mm pull out

### Brackets and Accessories

Open brackets [ 2 Units per cylinder ]	SU#AC	1.7 [kgs] x 1 =
Cradle	CUL#C7	33.00 [kgs] x 1 =
Turning Adapter	RSN#90ACXBC0	0.64 [kgs] x 1 =

### Recommendation

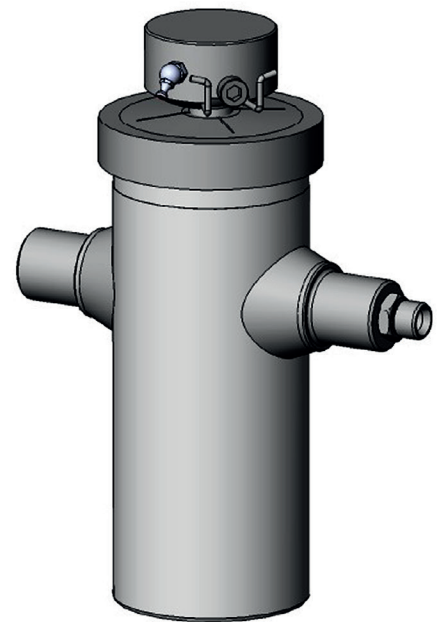
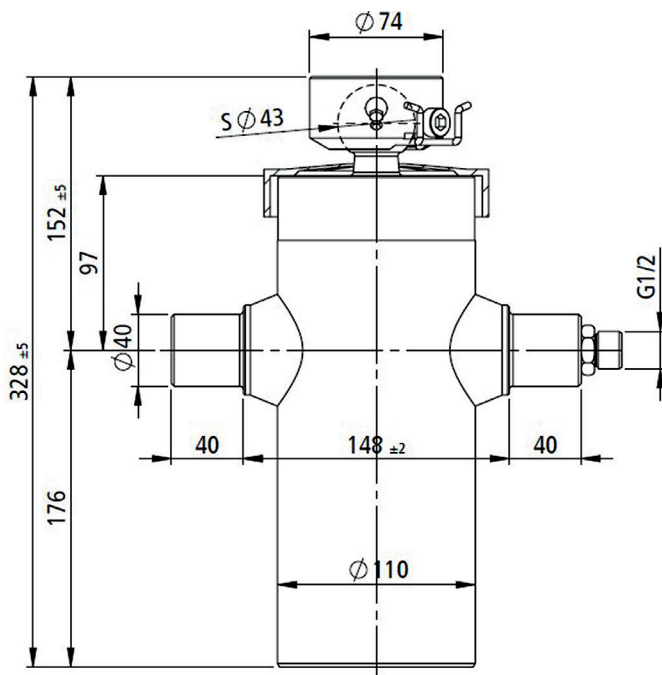
<input type="checkbox"/> This Binotto cylinder is designed as a lifting device only
<input type="checkbox"/> It must not be used as a structural member or be subject to side loads
<input type="checkbox"/> Pump flow in consultation with Binotto engineering department

### Advices

All our cylinders are manufactured to suit the particular application in the differing world markets/climate. Should you require details of the exact lifting capacity of the cylinder that has been selected for your application/veichle then please contact our technical department who will be only pleased to explain or advise.

## Teleskopzylinder (260441) Vérins télescopiques

Part number N3106909405  
Tipping weight 5 - 11 ton



<b>mounting dimension</b>		<b>152 mm + 20 mm min pull out</b>				<b>total stroke</b>		<b>680 mm</b>		<b>max pressure</b>		<b>220 bar</b>	
<b>model: IUL 90 680 4 CRLZB</b>		<b>code: N3106909405</b>				<b>weight: 19 kg</b>		<b>3102450904005</b>					
<b>extension</b>	1	2	3	4	-	-	-	-	-	-	<b>number of stages: 4</b>		
<b>diameter [mm]</b>	90	75	60	45	--	--	--	--	--	--	<b>total: 680 mm</b>		
<b>stroke [mm]</b>	165	168	170	177	--	--	--	--	--	--	<b>max thrust admitted: 50 kN</b>		
<b>thrust [kN]</b>	140	97	62	35	--	--	--	--	--	--	<b>total: 2.5 dm³</b>		
<b>oil [dm³]</b>	1.0	0.7	0.5	0.3	--	--	--	--	--	--			

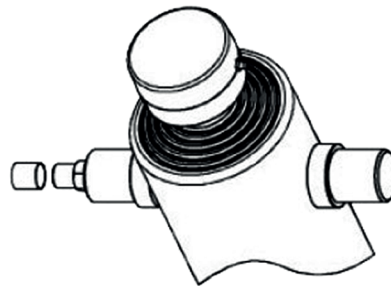
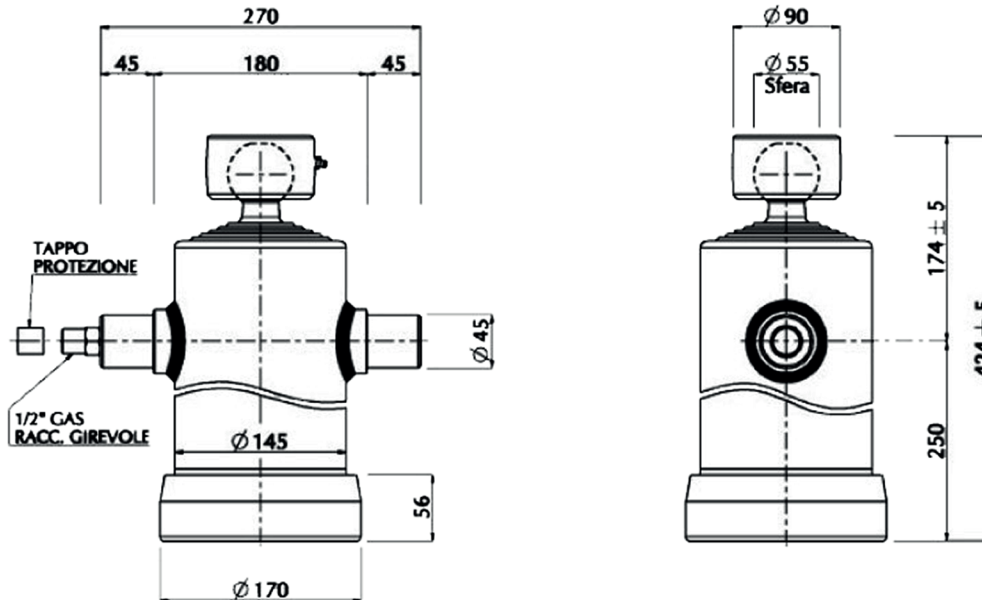
### TECHNICAL NOTES AND SPECIFICATIONS

- The normal application of telescopic cylinder is to lift up tipping bodies, loaded with different materials, and consequently discharge this material whilst the cylinder is extended all along its stroke.
- The body weight plus the max payload are the max tipping weight that can be raised by the cylinder. This value, calculated at the max pressure, is a rough indication of the tipping power of the cylinder and must be used as a first criteria for the selection of the cylinder. The real tipping mass can only be calculated by the design engineer of the dump truck, and must take into account the geometry of the dump body and operating conditions. Never exceed the maximum thrust.
- Never exceed maximum pressure.
- The cylinder has been designed for loads along the longitudinal axis: the cylinder is a lifting device only and may not be used as structural member or be subject to side load.
- Chrome coating type CRL (minimum thickness: 5 µm) on telescopic stages.
- Zinc coating type ZB (minimum thickness: 5 µm) on base tube and ram base.
- IPH warranty does not apply to any kind of corrosion of coated or non-coated parts. See terms of warranty.
- Maximum extension speed less than 0.2 m/s.
- Hydraulic oil temperature admitted between -40°C and +100°C.
- In case the cylinders must be stored, do not remove the package. Store them in a dry place, not exposed to rain. Do not store the cylinders for more than 6 (six) months.
- Further specifications see mounting instructions, hydraulic oil specification sheet, user & maintenance manual.



## Teleskopzylinder (260470) Vérins télescopiques

Description	BE 7/910/165-D-173
Code	CT#67AZDF2CEN01
Short code	35SB
Tipping weight	10.7 ton

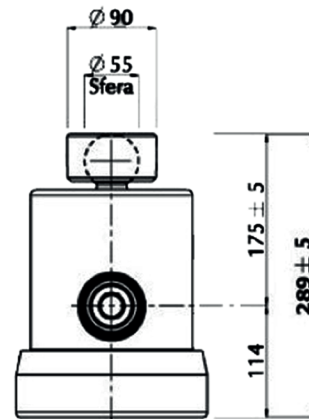
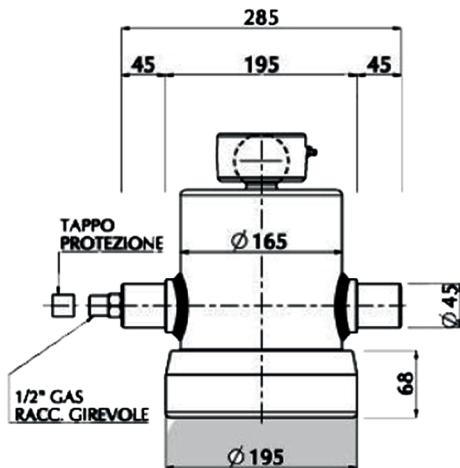


Sfilate N	Diametro effettivo mm	Spinata a 150 Ton
I	Ø 120	17,0
II	Ø 105	13,0
III	Ø 90	9,5
IV	Ø 75	6,6
V	Ø 60	4,2

Numero sfilate	5
Corsa	1250 mm
Peso cilindro	41.75
Volume di lavoro	9.3 l
Pressione max. di lavoro	180 bar
Temperatura d'esercizio	- 30 ↔ + 100 °C
Culla	4 CU#EB
Supporto stamp. chiuso c/ing.	Ø 45 SC#ESSIN
Supporto stamp. aperto	Ø 45 SSA#E
Supporto stamp. aperto tipo "E"	Ø 45 SA#EENPNIN
Piastra per supporto	Ø 45 PSA#1

## Teleskopzylinder (260478) Vérins télescopiques

Description	BE 5/1250/145-D-176
Code	CT#55BODJNCEN01
Short code	26
Tipping weight	10.0 ton



Sfilate N	Diametro effettivo mm	Spinata a 150 Ton
I	Ø 140	23,1
II	Ø 120	17,0
III	Ø 105	13,0
IV	Ø 90	9,5
V	Ø 75	6,6
VI	Ø 60	4,2
VII	Ø 45	2,4

Numero sfilate	7
Corsa	910 mm
Peso cilindro	37.45
Volume di lavoro	7.2 l
Pressione max. di lavoro	200 bar
Temperatura d'esercizio	- 30 ↔ + 100 °C