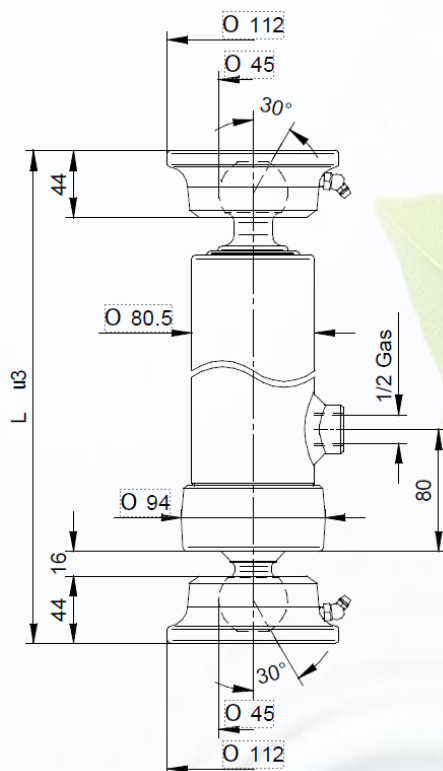


TELESCOPIC CYLINDER BALL BALL

2-3 EXTENSIONS



DESCRIPTION

- Type: Telescopic tipping cylinder
- Number of stages: 2-3
- Working pressure: 180 bar
- Lifting capacity: 3,5 Ton., 5,5 Ton., 5 Ton., 7,5 Ton., 11 Ton. & 16,5 Ton.
- Recommended safety valve setting: 200 bar
- Rod protection: Tenifer-treated
- Surface hardness: Min. 570 HV
- Compound layer thickness: Approx. 0.25–0.30 mm
- Hydraulic fluid: Mineral hydraulic oil
- Recommended oil viscosity:
 - ISO VG 22: -18 °C to +5 °C
 - ISO VG 32: 0 °C to +25 °C
 - ISO VG 68: -10 °C to +38 °C
- Minimum free clearance when lowered: 20 mm
- Installation requirement: Install on a solid and level surface
- Safety: Do not exceed maximum working pressure or rated load
- Load condition: Load must be evenly distributed
- Cleaning: Do not clean the cylinder directly with a high-pressure jet

TELESCOPIC CYLINDER BALL BALL

ORDERING DETAILS

KK 61 / 2 / 455

KK = Series

61 = Largest ton expansion (mm)

2 = Number of extensions

455 = Stroke (mm)

CILINDRI TELESOPICI CON 2 SFILATE
TELESCOPIC CYLINDERS WITH **2 EXTENSIONS**

VÉRINS TÉLESCOPIQUES A 2 EXPANSIONS
TELESKOPZYLINDER MIT 2 STUFEN

PESO TOT. RIBALTABILE 3,5 Ton. a 180 Bar

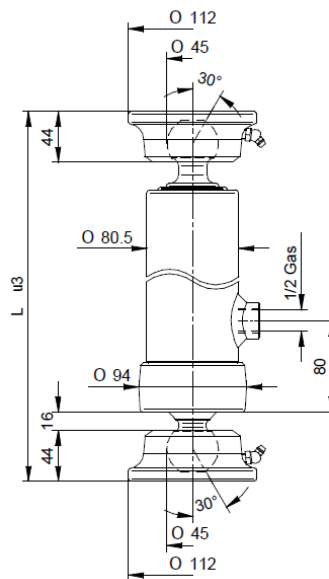
TOTAL WEIGHT TIP-UP 3,5 Ton. 180 Bar

POIDS TOT. BASCULABLE 3,5 Ton. à 180 Bar

GESAMTGEWICHT ÄNHÄNGER 3,5 Ton. 180 Bar

TIPO TYPE TYPE	DISEGNO – DRAWING DESSIN – ZEICHNUNG	CORSO – STROKE COURSE – HUB	Ø SFILATE mm Ø EXPANSIONS mm Ø EXTENSIONS mm Ø STUFEN mm						L. sfilata – L. extension L. expansion – L. stufen	Peso – Kg – Weight		Poids – Kg – Gewicht		Volume olio Lt. Amount of oil Lt. Volume huile Lt. Ölinhalt Lt.
			46 TON. 2,9	61 TON. 5,2	76 TON. 8,1	91 TON. 11,7	107 TON. 16,1	L ¹		F	S			
2720	12170	455	●	●				440	300	-	16,9	1,1		
2721	12171	525	●	●				475	335	-	17,4	1,3		
2722	12172	595	●	●				510	370	-	18,4	1,5		
2723	12173	695	●	●				560	420	-	20,4	1,7		
2724	12174	795	●	●				610	470	-	21,9	2		
2725	12175	895	●	●				660	520	-	23,9	2,2		
2726	12176	995	●	●				710	570	-	25,9	2,4		

Technical drawing of a telescopic cylinder showing dimensions and components. The drawing includes a side view and a top view. Key dimensions include: overall length L u3, top and bottom mounting bracket dimensions (44, 16, 80), and various diameters (O 112, O 45, O 80.5, O 94). The top view shows a 30° angle and a 1/2 Gas inlet. The side view shows a 30° angle and a 1/2 Gas inlet. The drawing is labeled with 'L u3' and '1/2 Gas'.



TELESCOPIC CYLINDER BALL BALL

With 2 Extensions

SPECIFICATIONS

PESO TOT. RIBALTABILE 3,5 Ton. a 180 Bar										TOTAL WEIGHT TIP-UP 3,5 Ton. 180 Bar				
POIDS TOT. BASCULABLE 3,5 Ton. à 180 Bar										GESAMTGEWICHT ÄNHANGER 3,5 Ton. 180 Bar				
TIPO TYPE TYPE TYP	DISEGNO – DRAWING DESSIN – ZEICHNUNG	CORSA – STROKE COURSE – HUB	Ø SFILATE mm Ø EXPANSIONS mm Ø EXTENSIONS mm Ø STUFEN mm						L.sfilata – L. extension L.expansion – L. stufen	Peso – Kg – Weight		Volume olio Lt. Amount of oil Lt. Volume huile Lt. Ölmhalt Lt.		
			46 TON. 2,9	61 TON. 5,2	76 TON. 8,1	91 TON. 11,7	107 TON. 16,1	L ¹		F	S			
2720	12170	455	●	●				440	300	-	16,9	1,1		
2721	12171	525	●	●				475	335	-	17,4	1,3		
2722	12172	595	●	●				510	370	-	18,4	1,5		
2723	12173	695	●	●				560	420	-	20,4	1,7		
2724	12174	795	●	●				610	470	-	21,9	2		
2725	12175	895	●	●				660	520	-	23,9	2,2		
2726	12176	995	●	●				710	570	-	25,9	2,4		

PESO TOT. RIBALTABILE 5,5 Ton. a 180 Bar										TOTAL WEIGHT TIP-UP 5,5 Ton. 180 Bar			
POIDS TOT. BASCULABLE 5,5 Ton. à 180 Bar										GESAMTGEWICHT ANHÄNGER 5,5 Ton. 180 Bar			
TIPO TYPE TYPE TYP	DISEGNO – DRAWING DESSIN – ZEICHNUNG	CORSA – STROKE COURSE – HUB	Ø SFILATE mm Ø EXPANSIONS mm Ø EXTENSIONS mm Ø STUFEN mm					L.sfilata – L. extension L.expansion – L. stufen	Peso – Kg – Weight		Volume olio Lt. Amount of oil Lt. Volume huile Lt. Ölmhalt Lt.		
			46 TON. 2,9	61 TON. 5,2	76 TON. 8,1	91 TON. 11,7	107 TON. 16,1		L ¹	F	S		
3721	12195	495		●	●			486	320	-	22	2	
3722	12196	595		●	●			536	370	-	24	2,3	
3723	12197	695		●	●			586	420	-	27	2,7	
3724	12198	795		●	●			636	470	-	30	3	
3725	12199	895		●	●			686	520	-	32	3,5	
3726	12200	995		●	●			736	570	-	34	3,8	



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TELESCOPIC CYLINDER BALL BALL

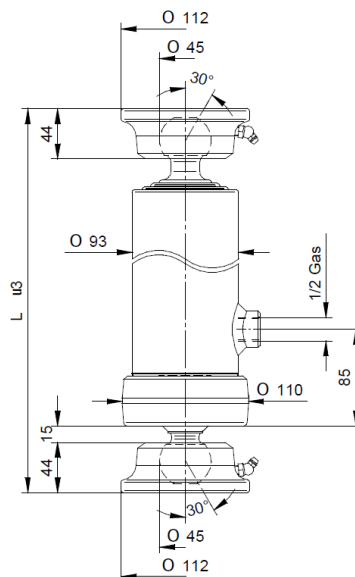
With 3 Extensions

SPECIFICATIONS

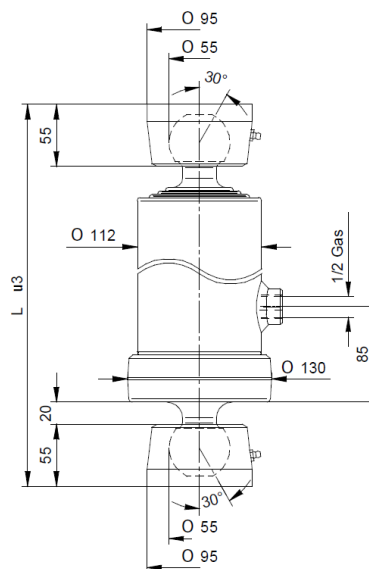
PESO TOT. RIBALTABILE 5 Ton. a 180 Bar
POIDS TOT. BASCULABLE 5 Ton. à 180 Bar

TOTAL WEIGHT TIP-UP 5 Ton. 180 Bar
GESAMTGEWICHT ÄNHANGER 5 Ton. 180 Bar

TIPO TYPE TYPE TYP	DISEGNO – DRAWING DESSIN – ZEICHNUNG	CORSIA – STROKE COURSE – HUB	Ø SFILATE mm Ø EXPANSIONS mm Ø EXTENSIONS mm Ø STUFEN mm						L.sfilata – L. extension L.expansion – L. stufen	Peso – Kg – Weight		Volume olio Lt. Amount of oil Lt. Volume huile Lt. Ölinhalt Lt.		
			46 TON. 2,9	61 TON. 5,2	76 TON. 8,1	91 TON. 11,7	107 TON. 16,1	L ¹		F	S			
2731	12181	500	●	●	●			385	240	-	17	1,6		
2732	12182	593	●	●	●			415	270	-	18	2		
2733	12183	683	●	●	●			445	300	-	19,5	2,2		
2734	12184	790	●	●	●			480	335	-	21	2,5		
2735	12185	893	●	●	●			515	370	-	22,5	2,8		
2736	12186	1043	●	●	●			565	420	-	24,5	3,3		
2737	12187	1283	●	●	●			645	500	-	28	4		
2738	12188	1490	●	●	●			715	570	-	31,5	4,7		



PESO TOT. RIBALTABILE 7,5 Ton. a 180 Bar										TOTAL WEIGHT TIP-UP 7,5 Ton. 180 Bar			
POIDS TOT. BASCULABLE 7,5 Ton. à 180 Bar										GESAMTGEWICHT ANHÄNGER 7,5 Ton. 180 Bar			
TIPO TYPE TYPE TYP	DISEGNO – DRAWING DESSIN – ZEICHNUNG	CORSIA – STROKE COURSE – HUB	Ø SFILATE mm Ø EXPANSIONS mm Ø EXTENSIONS mm Ø STUFEN mm						L.sfilata – L. extension L.expansion – L. stufen	Peso – Kg – Weight		Volume olio Lt. Amount of oil Lt. Volume huile Lt. Ölinhalt Lt.	
			46 TON. 2,9	61 TON. 5,2	76 TON. 8,1	91 TON. 11,7	107 TON. 16,1	L ¹		F	S		
3730	12204	500		●	●	●		407	240	-	24	2,5	
3731	12205	593		●	●	●		437	270	-	26	2,8	
3732	12206	683		●	●	●		467	300	-	28	3,3	
3733	12207	785		●	●	●		502	335	-	30	3,8	
3734	12208	893		●	●	●		537	370	-	33	4,2	
3735	12209	1043		●	●	●		587	420	-	37	5	
3736	12210	1283		●	●	●		667	500	-	42	6	
3737	12211	1493		●	●	●		737	570	-	46	7	



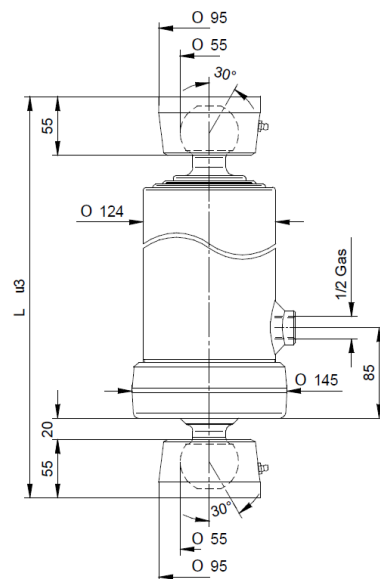
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TELESCOPIC CYLINDER BALL BALL

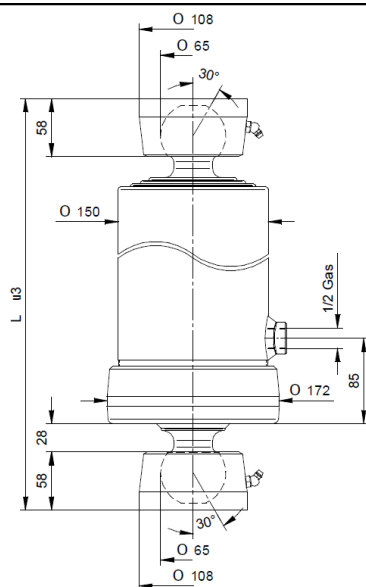
With 3 Extensions

SPECIFICATIONS

PESO TOT. RIBALTABILE 11 Ton. a 180 Bar										TOTAL WEIGHT TIP-UP 11 Ton. 180 Bar			
POIDS TOT. BASCULABLE 11 Ton. à 180 Bar										GESAMTGEWICHT ÄNHANGER 11 Ton. 180 Bar			
TIPO TYPE TYPE TYPE	DISEGNO – DRAWING DESSIN – ZEICHNUNG	CORSO – STROKE COURSE – HUB	Ø SFILATE mm Ø EXPANSIONS mm Ø EXTENSIONS mm Ø STUFEN mm					L ¹	L.sfilata – L. extension L.expansion – L. stufen	Peso – Kg – Weight		Volume olio Lt. Amount of oil Lt. Volume huile Lt. Ölinhalt Lt.	
			68 TON. 6,5	88 TON. 10,9	107 TON. 16,1	126 TON. 22,4	145 TON. 19,7			F	S		
4731	12290	743	●	●	●			495	320	-	37	4,7	
4732	12291	785	●	●	●			510	335	-	38	5	
4733	12292	893	●	●	●			545	370	-	40	5,7	
4734	12293	1043	●	●	●			595	420	-	44	6,6	
4735	12294	1283	●	●	●			675	500	-	51	8,2	
4737	12296	1493	●	●	●			745	570	-	57	9,4	
4730	12289	2093	●	●	●			975	800	-	73	13	



PESO TOT. RIBALTABILE 16,5 Ton. a 180 Bar										TOTAL WEIGHT TIP-UP 16,5 Ton. 180 Bar			
POIDS TOT. BASCULABLE 16,5 Ton. à 180 Bar										GESAMTGEWICHT ANHÄNGER 16,5 Ton. 180 Bar			
TIPO TYPE TYPE TYPE	DISEGNO – DRAWING DESSIN – ZEICHNUNG	CORSO – STROKE COURSE – HUB	Ø SFILATE mm Ø EXPANSIONS mm Ø EXTENSIONS mm Ø STUFEN mm					L ¹	L.sfilata – L. extension L.expansion – L. stufen	Peso – Kg – Weight		Volume olio Lt. Amount of oil Lt. Volume huile Lt. Ölinhalt Lt.	
			68 TON. 6,5	88 TON. 10,9	107 TON. 16,1	126 TON. 22,4	145 TON. 19,7			F	S		
4736	12295	1273	●	●	●			692	500	-	59	12	
4738	12297	1483	●	●	●			762	570	-	65	13,8	
4739	12298	2093	●	●	●			992	800	-	85	20	



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