

OMFB Hoists

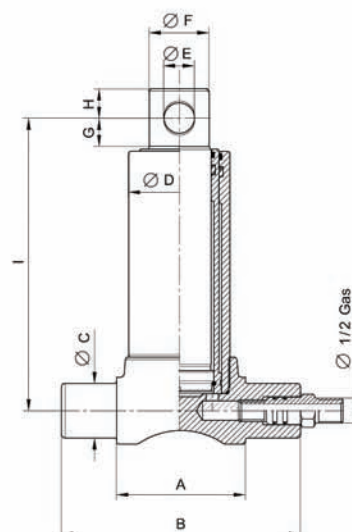
Hoist Part Number:		Page:
139-5	TELESCOPIC RAMS - HEAVY SERIES	4-01
139-4	TELESCOPIC RAMS - HEAVY SERIES	4-02
140-001	BRACKETS & OIL INLET PINS	4-03
139-5-65	SINGLE UNDER BODY CYLINDERS	4-04
139-5-127	SINGLE UNDER BODY CYLINDERS	4-05
139-5-136	SINGLE UNDER BODY CYLINDERS	4-06
139-5-145	SINGLE UNDER BODY CYLINDERS	4-07
139-5-207	SINGLE UNDER BODY CYLINDERS	4-08
139-5-216	SINGLE UNDER BODY CYLINDERS	4-09
139-5-225	SINGLE UNDER BODY CYLINDERS	4-10
139-5-289	SINGLE UNDER BODY CYLINDERS	4-11



We reserve the right to make changes without notice.



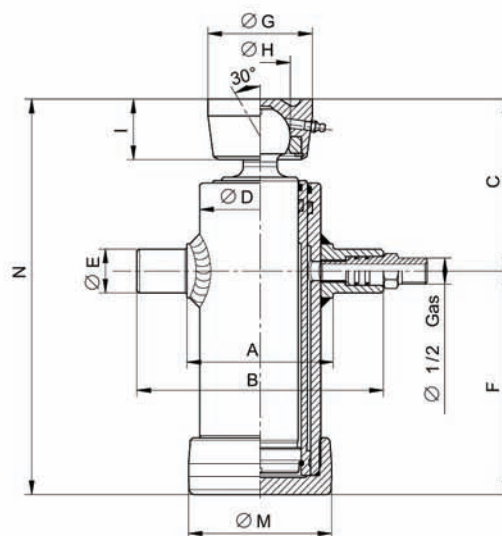
MBFL jacks with anchoring pins on base flange and projecting rod with hole, complete with union for connecting oil hose.



ORDER CODE	Stroke	Tel. El.	Tel. El. Ø in mm						Dimensions									Weight	Capacity				
	mm	N°	46 ton. 2,9	61 ton. 5,2	76 ton. 8,1	91 ton. 11,7	107 ton. 16,1	126 ton. 22,4	A	B	C	D	E	F	G	H	I	Kg	l				
139-5-65	595	2							115	205	45	95	31	59	32	30	418	20	2,3				
139-5-127	790								135	225		112	31	59	32	30	387	27	3,8				
139-5-136	893	3										124	31	59	42	30	422	29	4,2				
139-5-145	1043																472	33	5				
139-5-207	1290	4						150	240												452	37,5	7,5
139-5-216	1510																					507	41,5
139-5-225	1710																557	45	10				
139-5-289	2130	5							175	265		152	31	59	42	30	565	65,5	15,5				

WORKING MAX. PRESSURE 180 BAR

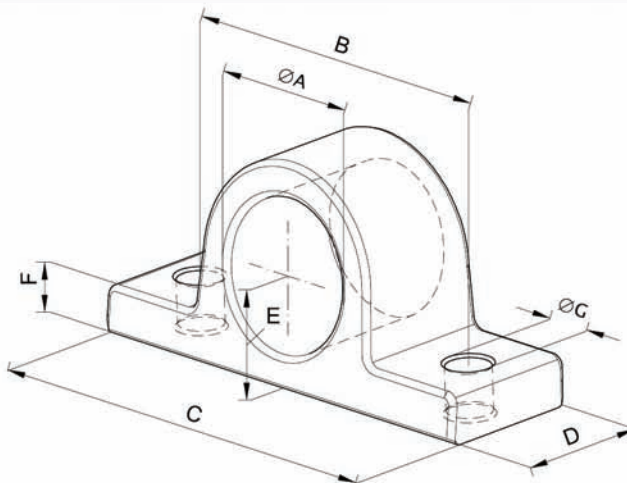
MASP jacks with anchoring pins on cylinder and spherical projecting rod. Complete with spherical support on end of rod and union for connecting oil hose.



ORDER CODE	Stroke	Tel. El.	Tel. El. Ø in mm							Dimensions										Weight	Capacity	
	mm	N°	68	88	107	126	145	165	187	A	B	C	D	E	F	G	H	I	M	N	Kg	l
			ton. 6,5	ton. 10,9	ton. 16,1	ton. 22,4	ton. 29,7	ton. 38,4	ton. 49,4													
139-4-93	1283	3								150	230	152	124	40	445	95	55	55	144	597	49	8,2
139-4-164	1690	4								210	300	244	170	50	370	107	65	60	193	614	76	19

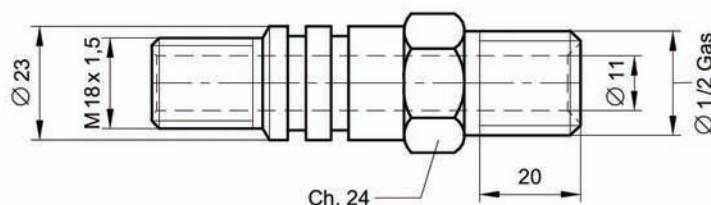
PRESSURE 180 BAR

BRACKETS FOR CYLINDERS



TIPO TYPE	CODICE CODE	DIMENSIONI - DIMENSIONS							Peso Weight
		Ø A	B	C	D	E	F	Ø G	
Ø 40	140-001-00020	40,5	105	140	45	33	15	15	1,2
Ø 45	140-001-00039	45,5							
Ø 50	140-001-00048	50,5	120	155	50	37	17		1,5

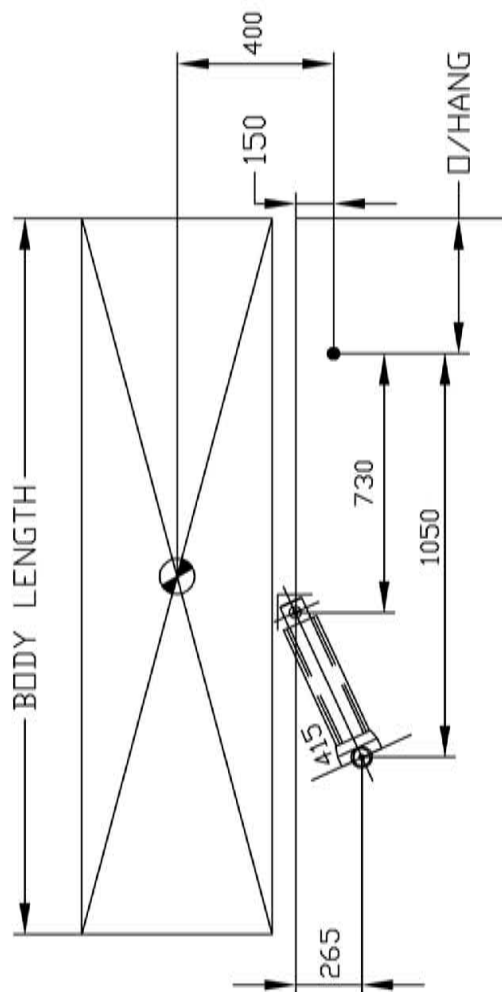
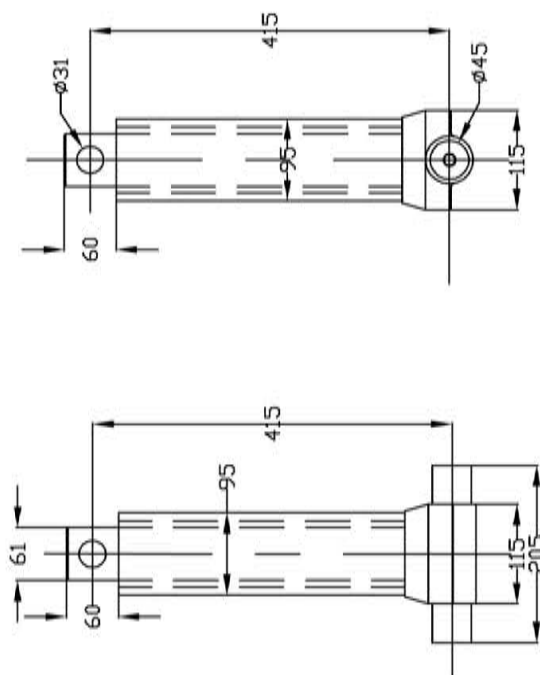
OIL INLET PINS



140-003-00028

Ø 23 - 1/2 GAS - M - UNI 338-66

TOTAL STROKE = 595mm

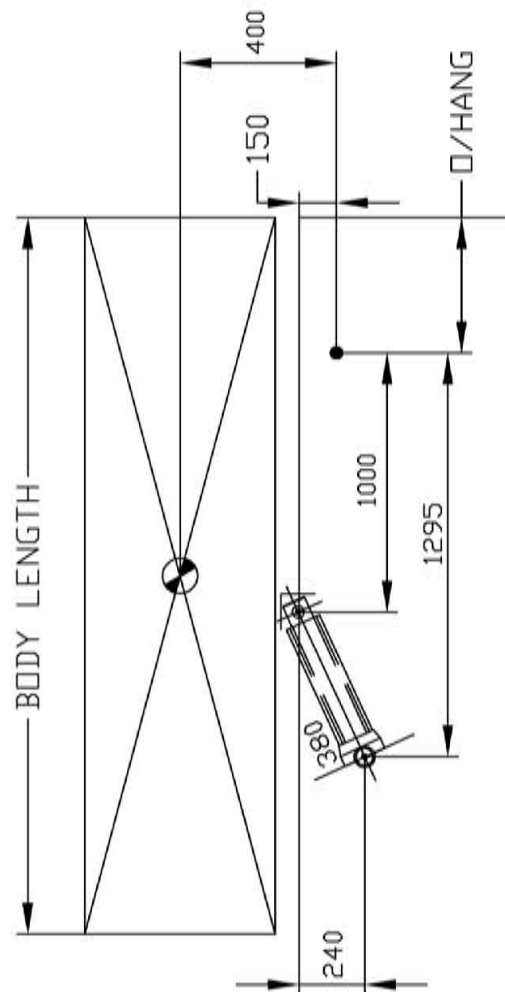
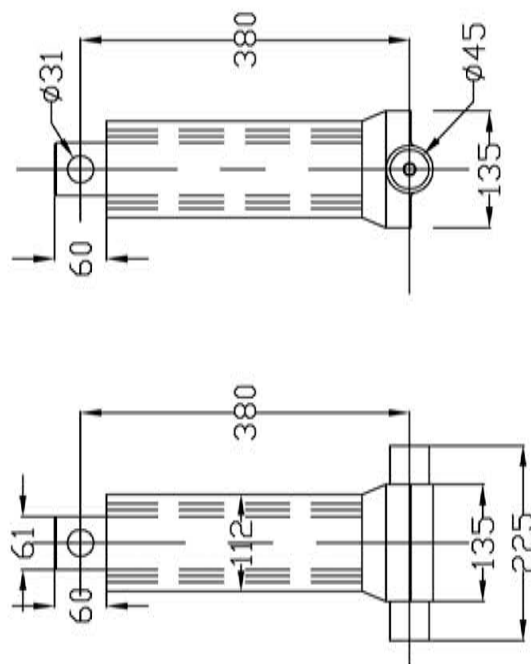


PERFORMANCE AT 140 BAR

REAR OVERHANG	BODY LENGTH						Capacity Tonnes
	2250 7' 5"	2500mm 8' 2"	2750mm 9' 0"	3000mm 9' 10"	3250mm 10' 8"	3500mm 11' 6"	
150	4.0	3.5	3.1	2.7	2.5	2.2	
300	4.0	4.0	3.6	3.2	2.8	2.5	
450	4.0	4.0	4.0	3.7	3.2	2.9	

This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.

TOTAL STROKE = 790mm



PERFORMANCE AT 140 BAR

Capacity
Tonnes

REAR OVERHANG	BODY LENGTH							
	2500mm 8' 2"	2750mm 9' 0"	3000mm 9' 10"	3250mm 10' 8"	3500mm 11' 6"	3750mm 12' 4"		
150	5.0	4.7	4.2	3.8	3.4	3.2		
300	5.0	5.0	4.9	4.3	3.8	3.5		
450	5.0	5.0	5.0	5.0	4.4	4.0		

This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.

OPERATING PRESSURE 140 bar WORKING VOLUME 6 LITRE
 MAXIMUM PRESSURE 150 bar CYLINDER WEIGHT DRY 30.5kg

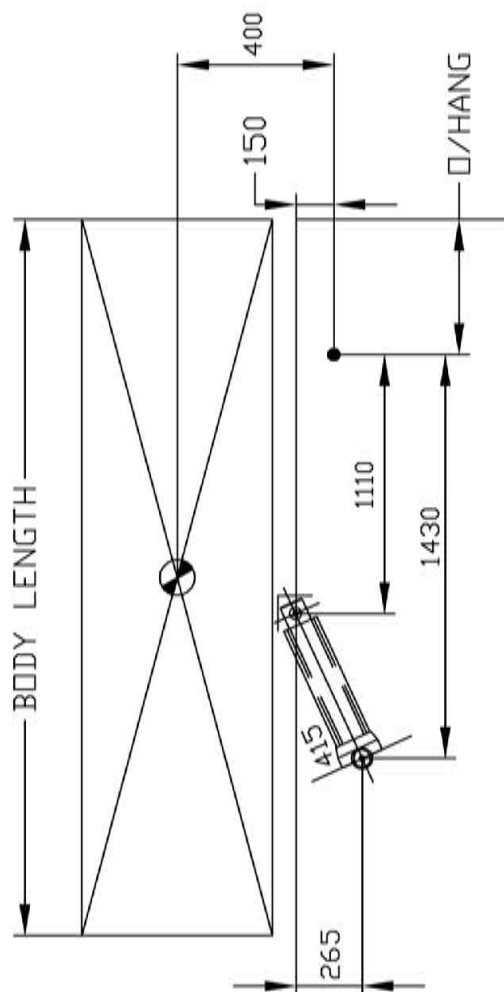
Technical drawing of a mechanical part, showing front and top views with dimensions.

Front View (Top):

- Overall height: 415
- Top flange diameter: $\phi 45$
- Top flange thickness: 135
- Bottom flange diameter: $\phi 31$
- Bottom flange thickness: 60

Top View (Bottom):

- Overall width: 415
- Top flange width: 225
- Top flange thickness: 135
- Bottom flange width: 60
- Bottom flange thickness: 61
- Internal feature width: 112



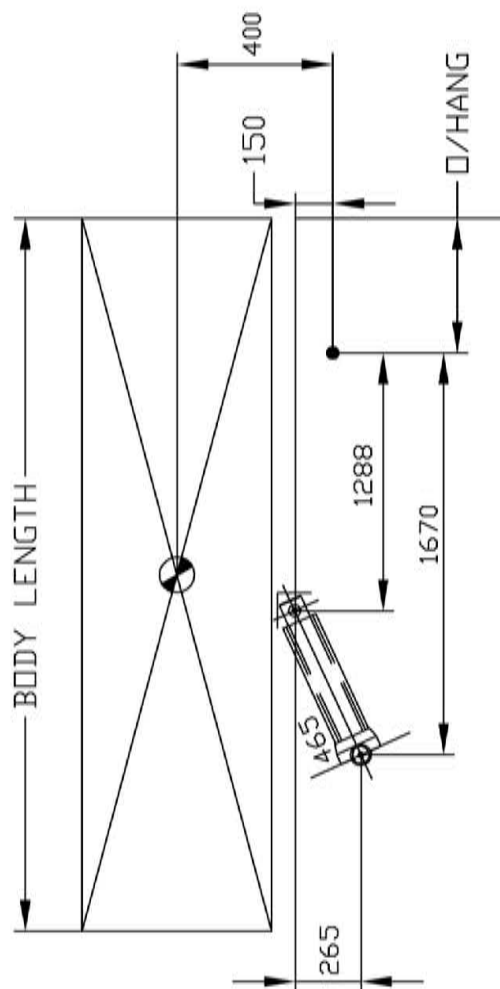
PERFORMANCE AT 140 BAR

PERFORMANCE AT 140 BAR							Capacity Tonnes
REAR OVERHANG	BODY LENGTH						
	2750mm	3000mm	3250mm	3500mm	3750mm	4000mm	
	9' 0"	9' 10"	10' 8"	11' 6"	12' 4"	13' 1"	
150	5.0	4.7	4.2	3.8	3.5	3.2	
300	5.0	5.0	4.8	4.3	3.9	3.6	
450	5.0	5.0	5.0	5.0	4.4	4.0	

This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.



OPERATING PRESSURE	140 bar	WORKING VOLUME	4 LITRE
MAXIMUM PRESSURE	150 bar	CYLINDER WEIGHT DRY	30.5kg



PERFORMANCE AT 140 BAR

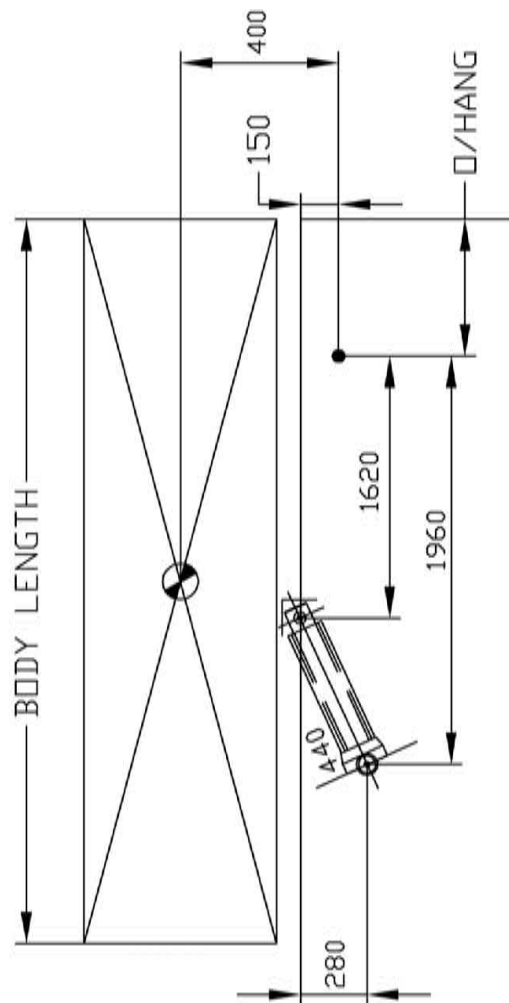
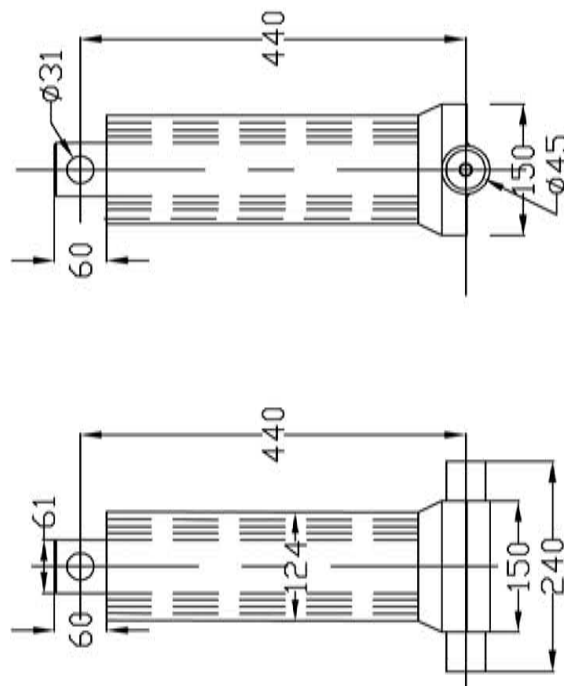
PERFORMANCE AT 140 BAR							Capacity Tonnes
REAR OVERHANG	BODY LENGTH						
	3000mm	3250mm	3500mm	3750mm	4000mm	4250mm	
	9' 10"	10' 8"	11' 6"	12' 4"	13' 1"	14' 0"	
150	5.0	5.0	4.5	4.1	3.8	3.5	
300	5.0	5.0	5.0	4.6	4.2	3.9	
450	5.0	5.0	5.0	5.0	4.7	4.3	

This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.



OPERATING PRESSURE	140 bar	WORKING VOLUME	LITRE
MAXIMUM PRESSURE	150 bar	CYLINDER WEIGHT DRY	33 kg

TOTAL STROKE = 1290mm

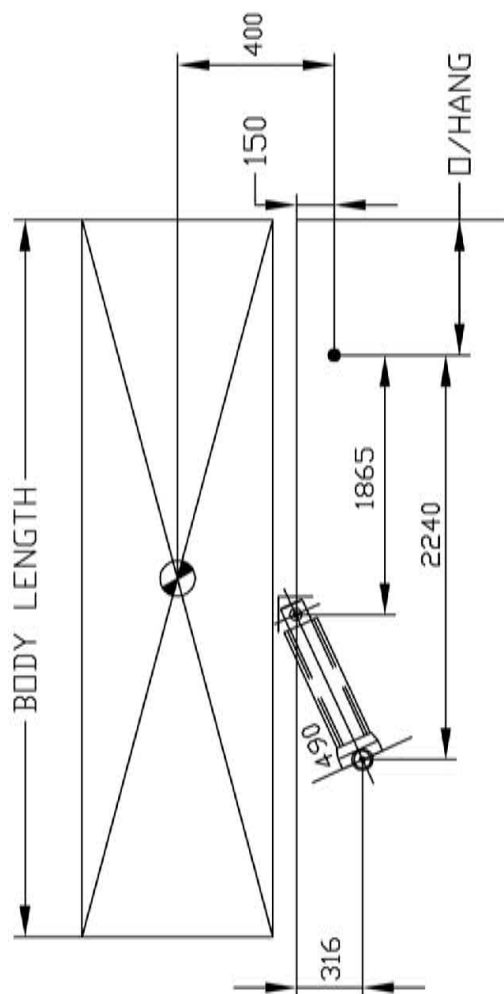


PERFORMANCE AT 140 BAR

REAR OVERHANG	BODY LENGTH							Capacity Tonnes
	3000mm 9' 10"	3250mm 10' 8"	3500mm 11' 6"	3750mm 12' 4"	4000mm 13' 1"	4250mm 14' 0"		
150	7.0	6.6	6.0	5.4	5.0	4.6		
300	7.0	7.0	6.7	6.1	5.5	5.1		
450	7.0	7.0	7.0	6.9	6.2	5.7		

This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.

OPERATING PRESSURE 140 bar WORKING VOLUME 8 LITRE
 MAXIMUM PRESSURE 15 bar CYLINDER WEIGHT DRY 37.5kg

Capacity
Tonnes

REAR OVERHANG	BODY LENGTH					
	3250mm	3500mm	3750mm	4000mm	4250mm	4500mm
	10' 8"	11' 6"	12' 4"	13' 1"	14' 0"	14' 9"
150	7.0	6.9	6.3	5.8	5.3	5.0
300	7.0	7.0	7.0	6.4	5.9	5.4
450	7.0	7.0	7.0	7.0	6.5	6.0

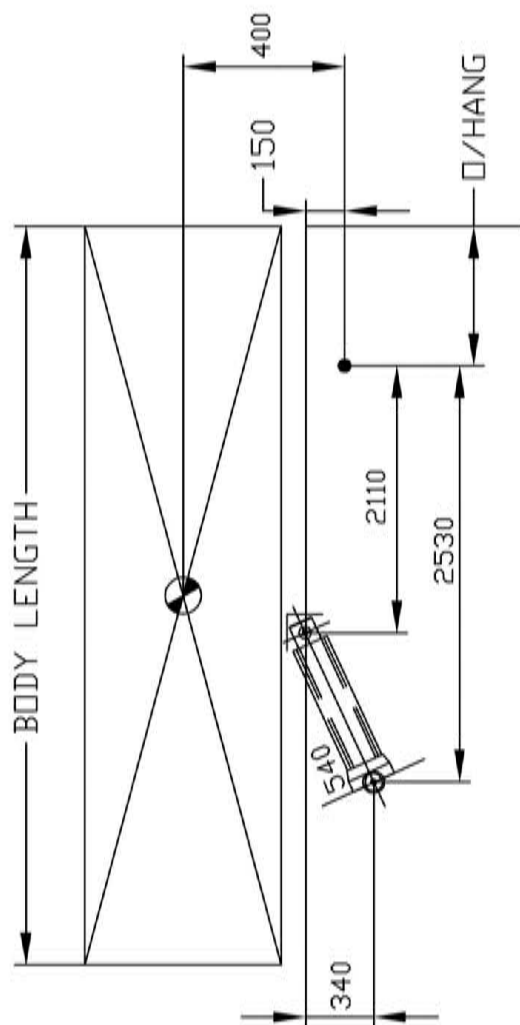
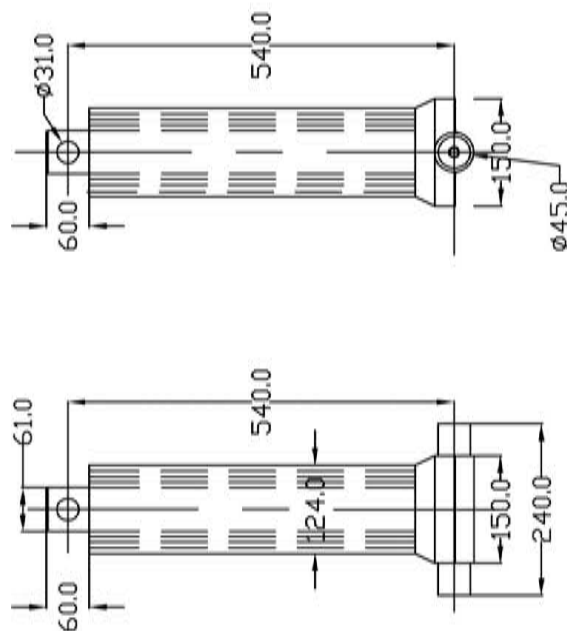
This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.



DMFB
HYDRAULIC COMPONENTS®

OPERATING PRESSURE	140 bar	WORKING VOLUME	9 LITRE
MAXIMUM PRESSURE	150 bar	CYLINDER WEIGHT DRY	41 kg

TOTAL STROKE = 1710mm



PERFORMANCE AT 140 BAR

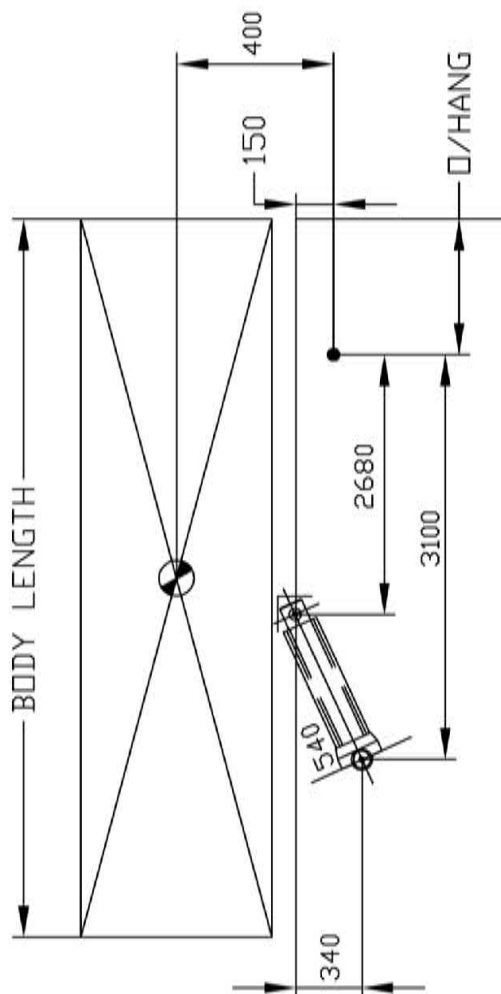
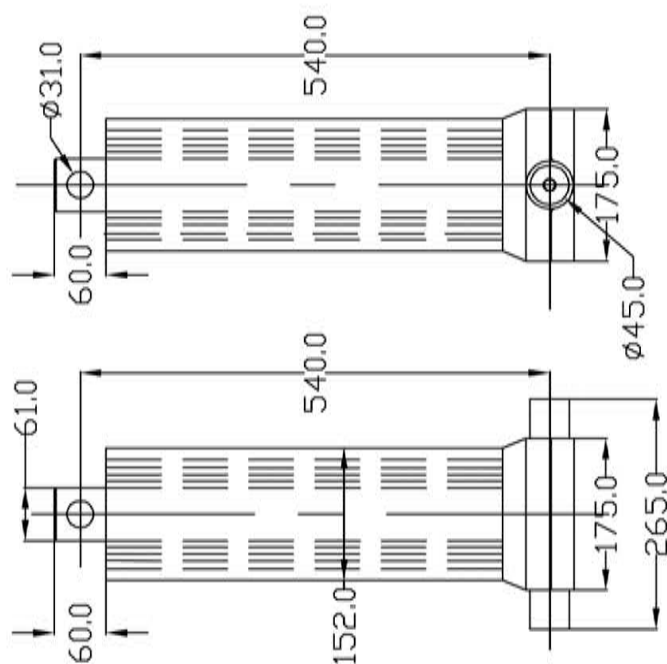
Capacity
Tonnes

REAR OVERHANG	BODY LENGTH					
	3250mm 10' 8"	3500mm 11' 6"	3750mm 12' 4"	4000mm 13' 1"	4250mm 14' 0"	4500mm 14' 9"
150	7.0	7.0	7.0	6.5	6.1	5.6
300	7.0	7.0	7.0	7.0	6.7	6.1
450	7.0	7.0	7.0	7.0	7.0	6.8

This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.

OPERATING PRESSURE 140 bar WORKING VOLUME 10 LITRE
 MAXIMUM PRESSURE 150 bar CYLINDER WEIGHT DRY 45 kg

TOTAL STROKE = 2130mm



PERFORMANCE AT 140 BAR

REAR OVERHANG	BODY LENGTH						Capacity Tonnes
	3500mm 11' 6"	3750mm 12' 4"	4000mm 13' 1"	4250mm 14' 0"	4500mm 14' 9"	4750mm 15' 7"	
150	9.0	9.0	8.6	8.0	7.8	7.3	
300	9.0	9.0	9.0	8.8	8.1	8.5	
450	9.0	9.0	9.0	9.0	8.9	8.2	

This performance chart shows the relationship between body length, rear overhang and lifting capacity (tonnes). The pivot lengths shown above have been chosen to give a tipping angle of 48 degrees.

OPERATING PRESSURE 140 bar WORKING VOLUME LITRE
 MAXIMUM PRESSURE 150 bar CYLINDER WEIGHT DRY 68 kg