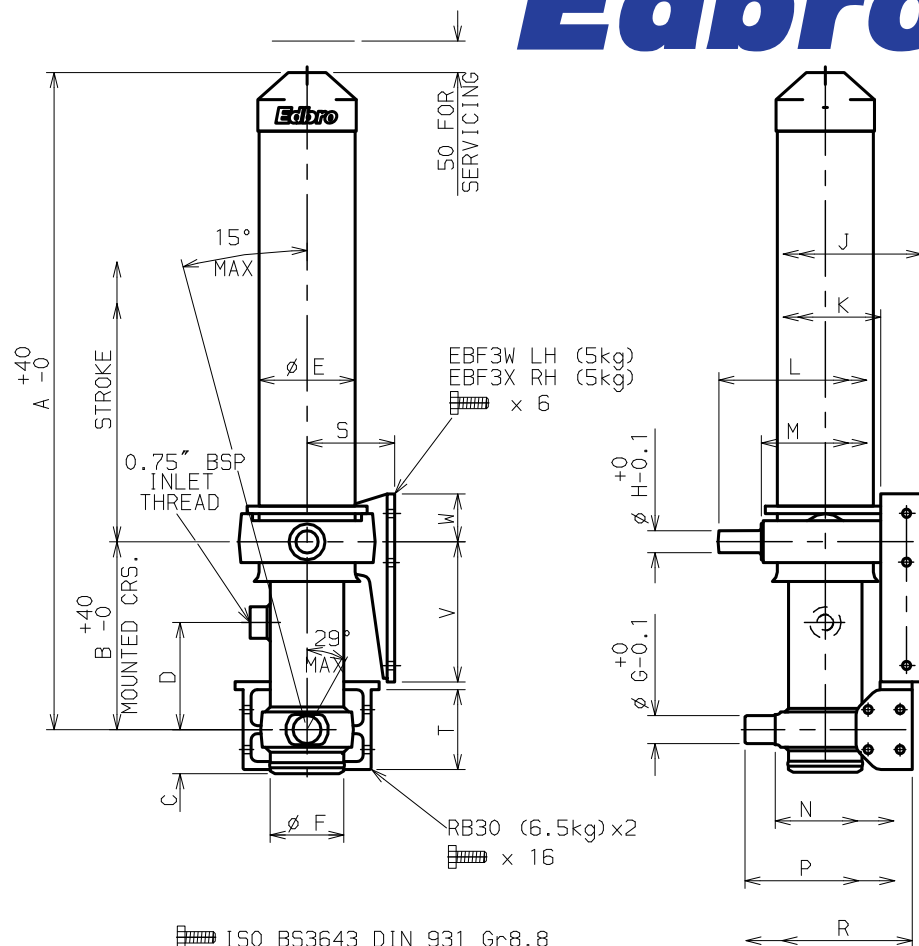




ISO BS3643 DIN 931 Gr8,8

M12 98Nm $\curvearrowright$ $\odot$ $\varnothing 13 \times \varnothing 24$

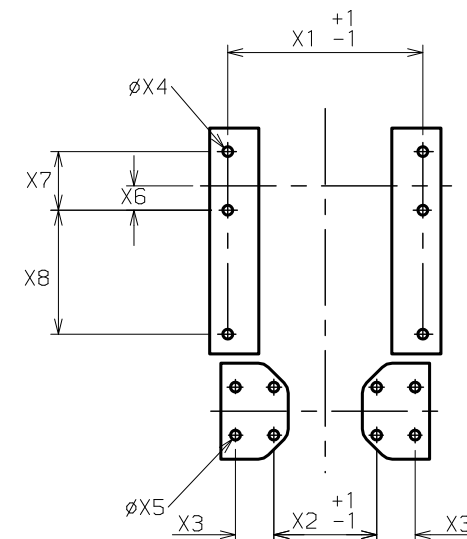
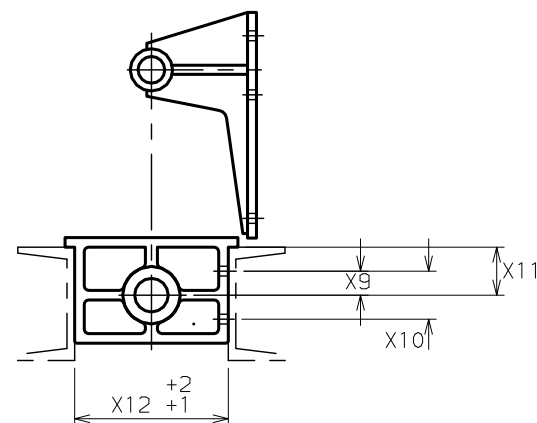
BODY LENGTH

	3500	3750	4000	4250	4500	4750		0/HANG
13 53°	13 49°	12 45°						150
13 55°	13 51°	13 47°	12 44°					300
	13 53°	13 49°	13 46°					450
		13 52°	13 48°	13 45°				600
		13 54°	13 50°	13 47°	13 44°			750
W α			13 53°	13 49°	13 45°			900

W = BODY WEIGHT + PAYLOAD (t) α = ANGLE OF TIP (°)

THE INDUSTRY
STANDARD

BOLT HOLE PATTERN



A	1254
B	298
C	70
D	170
E	152
F	117
G	44.45
H	34.92
J	304
K	174
L	337
M	203
N	159
P	255
R	280
S	139
T	127

V	222
W	76
X1	257
X2	140
X3	51
X4	13
X5	13
X6	32
X7	77.5
X8	163.5
X9	32
X10	64
X11	63.5
X12	203

EXT	BORE	0.DIA	LENGTH	STROKE	THRUST AT 135 bar
0/C		152.40	943		
0		116.65	1170		
1		97.80	1190	1010	10.33 t
2		79.30	1190	1022	6.79 t
3		63.00	1190	1027	4.29 t
TOTAL				3059	

SWEPT VOLUME	16 l
TOTAL VOLUME	19.5 l
OPERATING PRESSURE	135 bar
MAXIMUM PRESSURE	150 bar
CYLINDER WEIGHT DRY	83 kg

DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE

MAX LOAD 13 tonne

CYLINDER ASSEMBLY CS1000303059A101