

GENERAL TOLERANCES UNLESS SPECIFIED				
X +/-0.50	X.X +/-0.25	X.XX +/-0.1	X +/-1°	X.X +/-0.5°

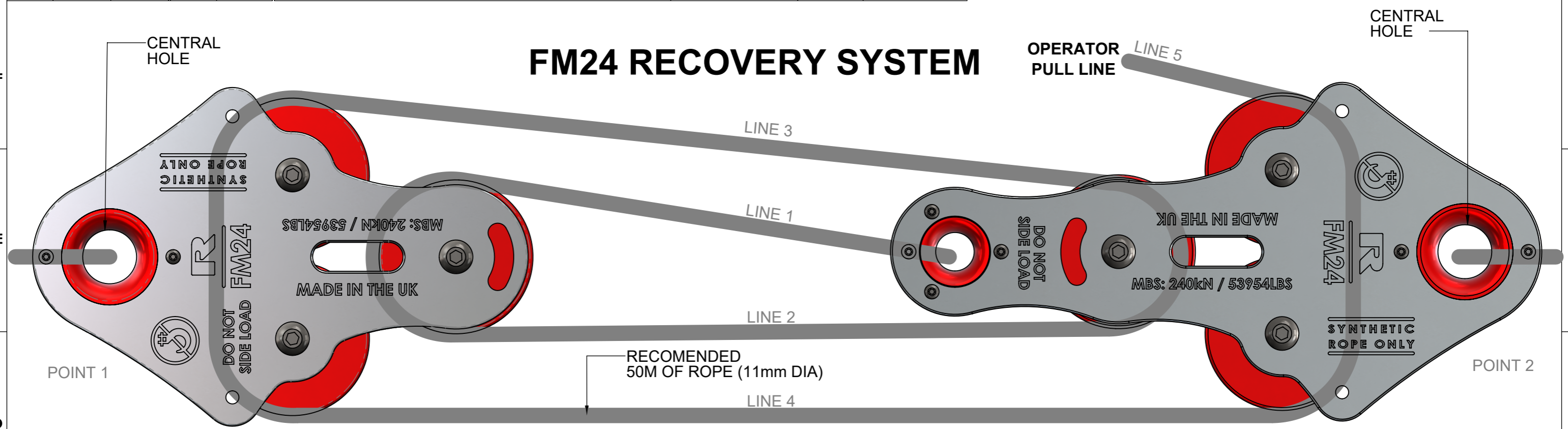
UNLESS SPECIFIED IN CONTRACT ALL WELDS MUST BE PRODUCED BY QUALIFIED WELDERS TO BS EN287-1: 2004 - WELDING SYMBOLS TO BS499-2: 1980 UNLESS SPECIFIED ALL TOLERANCES SHOWN ARE AFTER FINISHING TREATMENTS / PROCESS ARE APPLIED

FLATNESS & SQUARE TOLERANCES:

M/C +/-0.2

FABRICATION: +/-1

FM24 RECOVERY SYSTEM



DO NOT USE THIS PRODUCT OR ANY RECOVERY PRODUCTS WITHOUT RELEVANT TRAINING IN THE CORRECT USE OF RECOVERY EQUIPMENT / PRODUCTS AND THEIR TECHNIQUES. FULLY UNDERSTAND AND BE AWARE OF THE LOADINGS ON ALL THE EQUIPMENT FOR THE RECOVERY TO TAKE PLACE AND BE SUCCESSFUL.

1:5 FIDDLE PULLEY SYSTEM - (Point 1 Anchor)

MBS: 240kN / 24.4t / 24,473KG / 53,954LBS

EXAMPLE LOAD / VEHICLE TO BE RECOVERED, BETWEEN POINTS 1 & 2:

LOAD IN SOFT SHACKLE LINE LOCATED IN RING AT POINT 1: 12,000KG

- LINE 1: 3000KG
- LINE 2: 3000KG
- LINE 3: 3000KG
- LINE 4: 3000KG
- LINE 5: 3000KG - OPERATOR PULL LINE

LOAD ON POINT 1 SEES: **12,000KG (26,455LBS) - 4:1 Multiplier**
 LOAD ON POINT 2 SEES: **15,000KG (33,066LBS) - 5:1 Multiplier**

DISTANCES:

LINE 5 WILL ALWAYS MOVE 4 TIMES FURTHER THAN POINT 1 DUE TO THE 4:1 RATIO

IF YOU RECOVER A VEHICLE OVER 10m (33FT) LINE 5 WILL TRAVEL THROUGH 40m (131FT)

MAKE SURE YOU HAVE ENOUGH LINE FOR THE RECOVERY TASK BEING UNDERTAKEN



MAX LOAD IN LINE 5 = 60kN

EITHER POINT 1 OR 2 CAN BE USED ON THE CASUALTY VEHICLE (SITUATION DEPENDENT)

TECHNICAL DATA: 240kN VERSION

- ANODISE COLOUR: RED
- MBS: 240kN / 24.4t / 24,473KG / 53,954LBS

Red Winches www.red-winch.com email: sales@red-winch.com		DRAWN	CHECKED	DATE
		CB	NB / NJ	05/02/2021
DRAWING DESCRIPTION:				
24T FORCE MULTIPLIER				
MATERIAL:				
SEE DETAIL DRGS				
FINISH:				
SEE DETAIL DRGS				
DRAWING NUMBER:			SCALE	REVISION
FM24				A
			SHT 1	OF 1
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