



PRODUCT DATA SHEET

PRODUCT:	GUIDEPOST EXTENSION GPE-M4-L1717-FMC-242
DESCRIPTION:	GPE-M4-L1717-FMC

MAIN FEATURES:

- ✓ **SIMPLE AND RELIABLE DESIGN BASED ON THE PROVEN IMENCO M4L GPE PROVEN DESIGN**
- ✓ **MATES/ ENTERS THE OUTSIDE DIAMETER OF STANDARD 8" GUIDEPOST**
- ✓ **THE INTEGRAL ANCHOR INTERFACES GUIDEPOSTS WITH FMC DESIGN "SHALLOW DEPTH" ANCHOR RECEPTACLE**
- ✓ **DOUBLE SELF-LOCKING DOGS – DESIGNED FOR EQUAL LOAD DISTRIBUTION - KEEP THE ANCHOR LATCHED IN THE RECEPTACLE INSIDE THE TOP OF THE GUIDEPOST**
- ✓ **UPPER RECEPTACLE COMPATIBLE WITH IMENCO STANDARD ANCHOR (GWA-22') AND LIFTING ANCHOR (LA-13).**
- ✓ **THE GPE CAN BE STABBED BY ITS OWN WEIGHT**
- ✓ **A CENTRAL RELEASE ROD CONNECTED TO A RECESSED SLEEVE ON THE UPPER PART OF THE ANCHOR DEACTIVATES AND RELEASES THE LOCKING DOGS**
- ✓ **THE DESIGN FACILITATES RELEASE POSSIBILITIES BY BOTH ROV AND SHEAR PIN**
- ✓ **MODERATE RELEASE FORCE – CAN BE RELEASED BY DIVER OR ROV**
- ✓ **THE GPE CAN BE RELEASED AND SUBSEQUENTLY RESTABBED WITHOUT ANY MANUAL RESETTING AT SURFACE.**
- ✓ **THE SHEAR PIN ACTIVATES THE NORMAL RELEASE MECHANISM WHEN FRACTURED. NO FRAGMENTS OF PIN OR ANCHOR PARTS ARE LEFT SUBSEA**
- ✓ **THE SHEAR PIN CAN BE CALIBRATED TO A PREDETERMINED BREAKING LOAD UP TO THE ANCHOR RATED CAPACITY. REFER TO SPECIFIED MODEL DATASHEET VALUES**
- ✓ **SUPPLIED WITH FULL DOCUMENTATION & INSTRUCTIONS**





DESIGN SPECIFICATION FOR GUIDEPOST EXTENSION GPE-M4-L1717-FMC-242				
ITEM NO:			114213/M4-L1717-FMC-242	
DESIGN CODE:			STANDARD FOR OFFSHORE AND PLATFORM LIFTING APPLIANCES- DNVGL-ST 0378 (RELEVANT PARTS)	
TECHNICAL CHARACTERISTICS	UNIT	MODEL VALUES	TECHNICAL CHARACTERISTICS	MODEL VALUES
EXTENSION LENGTH	MM	1717	MATERIALS - GPE	
OVERALL LENGTH	MM	2237	UPPER BODY	S355
OUTER DIAMETER	MM	219.1/ 242	MAIN BODY	API 5L X52 OR EQUIVALENT
WALL THICKNESS MAIN BODY	MM	12.7	GPE BODY POST RECEIVER	S355
OPTIONAL CENTRALIZING GUIDE PIN EXTENSION LENGTH	MM	396	RELEASE SLEEVE, SLEEVE GUIDE AND TOP COLLAR	HIGH STRENGTH ST.ST EN 1.4418 QT900
OPTIONAL CENTRALIZING GUIDE PIN DIAMETER	MM	30	CENTRALIZING GUIDE PIN	HIGH STRENGTH ST.ST EN 1.4418 QT900
CAPACITY & DESIGN DATA - GPE			MATERIALS - ANCHOR	
MAXIMUM PULLING LOAD (1.5 AGAINST YIELD)	TE (LBS)	7.5 (16,500)	ANCHOR BODY, LOCKING DOGS, SHAFT AND RELEASE SLEEVE	HIGH STRENGTH ST.ST EN 1.4418 QT900
MAXIMUM SHEAR PIN CAPACITY	TE (LBS)	10 (22,000)	SHEAR PIN	AL. BRONZE CW307G
ANCHOR MAX. PULLING LOAD ANGLE	DEG	6° FROM VERTICAL	SURFACE TREATMENT	
MAXIMUM SIDE LOAD (1.5 AGAINST YIELD)	kN	56	GPE MAIN BODY AND POST RECEIVER EXTERNAL SURFACES	NORSOK M-501, SYSTEM 7B COLOUR RAL9002 UNLESS OTHERWISE SPECIFIED.
PROOF TEST LOAD	TE	10	GPE BODY INSIDE SURFACE	NORSOK M-501, SYSTEM 7B/ TECTYL 506EH OR EQUIVALENT IN WELD AREAS
RELEASE FORCE OF RELEASE SLEEVE	N	260-320	POST RECEIVER INTERNAL SURFACE	XYLAN 1424 OR PAINT SYSTEM UNLESS OTHERWISE SPECIFIED.
WEIGHT (DRY)	KG	238	RELEASE SLEEVE	SPRAY PAINT, COLOUR ORANGE (RAL 2004)
WEIGHT (SUBMERGED)	KG	207		
TEMPERATURE RANGE	° C	-20° TO +40° C	<ul style="list-style-type: none"> BOTTOM SECTION COMPATIBLE WITH OD 219,1MM GUIDEPOST TOP WITH FMC DESIGN "SHALLOW DEPTH" ANCHOR RECEPTACLE. DISTANCE FROM POST TOP TO ANCHOR SHOULDER TO BE 120 MM EXTENSION RECEPTACLE COMPATIBLE WITH IMENCO STANDARD ANCHOR (GWA-22) AND LIFTING ANCHOR (LA-13). 	
MAX. OPERATING DEPTH	M	ALL DEPTHS		
MATERIAL CERTIFICATION	NS-EN	EN 10204		
OUTLINE DIMENSIONS				