


<div>57-IFR-23</div> <div>SPOOLING DEVICE</div> <div>Spooling device for wire rope drum</div> <div>854 NM 2100</div>				<div> <b>Kleyfrance</b> LIFTING SOLUTIONS</div>		<div>Imp 10-3 rev 10 du 12/10/2022</div>	
				Revision 1		26-sept-2024	
HISTORIC							
Rev.	Date	Modifications			Initiated by		Checked by
A	21-août-2024	First issue			DCO		-
0	29-août-2024	For construction			DCO		JLS
1	26-sept-2024	Modif. items 9, 14 - 8B			DCO		JLS
1	26-sept-2024						

**SPOOLING DEVICE**  
Spooling device for wire rope drum  
854 NM 2100



Nombre de Sous ensemble 1

NOMENCLATURE / PART LIST					Revision 1		26-sept-2024	
Repere Item	Numéro plan Drawing Number	Révision Revision	Désignation	English Designation	Qté par SE Unit Qty	Qté totale Total Qty	Matière Material	Traitement Treatment
1	854 M 2101	0	Cale	Shim	8	8	S235JR	Painting
2	854 M 2102	0	Guide cable	Rope guid	1	1	PA 6 GMO	
3	854 M 2103	0	Guide cable	Rope guid	1	1	PA 6 GMO	
4	854 M 2104	0	Guide cable	Rope guid	1	1	PA 6 GMO	
5	854 M 2105	1	Support capteur inductif	Inductive sensor support	2	2	X2CrNiMo17-12-2	
6	854 M 2106	0	Chassis trancannage	Spooling frame	1	1	S355J2+N	Painting
7	854 M 2107	0	Rondelle barre de guidage	Guiding beam Washer	2	2	S235JR	Painting
8	854 M 2108	0	Rondelle poulie	Washer sheave	1	1	S235JR	Painting
9	854 M 2109	1	Chariot de trancannage	Spooling carriage	1	1	S355J2+N	Painting
10	854 M 2110	0	Axe antidecapeleur	Antidecapeling shaft	4	4	X2CrNiMo17-12-2	
11	854 M 2111	0	Guide cable sym poulie	Symmetric rope guid sheave	1	1	POM-C	
12	854 M 2112	0	Guide cable poulie	Rope guid sheave	1	1	POM-C	
13	854 M 2113	0	Pouile Ø1200	Sheave 1200dia	1	1	PA 6 GMO	
14	854 M 2114	1	Insert poulie	Sheave insert	1	1	S355J2+N	Painting
15	854 M 2115	0	Entretoise	Sleeve	2	2	E 235	Sherardisation
16	854 M 2116	0	Palier Øint:250 - Ø:265 - 70	Bearing ID250-OD265-70	2	2	EVKOT	
17	854 M 2117	0	Fourreau	Sheath	1	1	S355J2+N	Painting
18	854 M 2118	0	Barre de guidage	Rod guide	1	1	C45E	-
19	854 M 2119	0	Chassis trancannage sym	Spooling frame sym	1	1	S355J2+N	Painting
20	854 M 2120	0	Butée	Stopper	2	2	S235JR	Painting
21	854 M 2121	0	Cloche reducteur	Gear box flange	1	1	S355J2+N	Painting
22	854 M 2122	0	Corps palier	Bearing body	1	1	S355J2+N	Painting

23	854 M 2123	0	Ecrou de trancannage	Spooling gear nut	1	1	Cu Al 9 Ni 5 Fe 4	
24	854 M 2124	0	Palier vis de trancannage	Spooling gear bearing	2	2	Cu Al 9 Ni 5 Fe 4	
25	854 M 2125	0	Chapeau guidage vis	Guiding screw cover	2	2	S235JR	Painting
26	854 M 2126	0	Vis à filet trapézoïdale Tr90x12	Trapezoidal screws	1	1	C45E	-
27	854 M 2127	0	Corps palier	Bearing body	1	1	S355J2+N	Painting
28	854 M 2128	0	Flasque palier libre	Movable bearing flange	1	1	S235JR	Painting
29	854 M 2129	1	Rondelle palier libre	Movable bearing washer	1	1	X2CrNiMo17-12-2	
30	854 M 2130	0	Chapeau protection codeur	encoder protection	1	1	X2CrNiMo17-12-2	
31	854 M 2131	0	Axe codeur	Encoder shaft	1	1	X2CrNiMo17-12-2	
32	854 M 2132	1	Tôle antidecapeur	Antidecapeling plate	1	1	X2CrNiMo17-12-2	
33	854 M 2133	1	Support guide cable	Rope guid support	1	1	X2CrNiMo17-12-2	
34	854 M 2134	0	Entretoise chariot	Carriage sleeve	2	2	X2CrNiMo17-12-2	
35	854 M 2135	0	Entretoise galet	Roller sleeve	4	4	X2CrNiMo17-12-2	
36	854 M 2136	0	Entretoise galet	Roller sleeve	2	2	C35E	-
37	854 M 2137	0	Chapeau Galet	Roller cover	2	2	C35E	Painting
38	854 M 2138	0	Moyeu galet	Sheath	2	2	C35E	Painting
39	854 M 2139	0	Galet Ø514	Roller 514dia	2	2	PA 6 GMO	
40	854 M 2140	0	Rondelle galet	Roller washer	2	2	X2CrNiMo17-12-2	
41	854 M 2141	1	Plat de detection	Detection plate	1	1	X2CrNiMo17-12-2	
42	854 M 2142	1	Plat de detection	Detection plate	1	1	X2CrNiMo17-12-2	
43	854 M 2143	1	Rondelle galet	Roller washer	2	2	X2CrNiMo17-12-2	
44	854 M 2144	0	Insert M10	M10 Insert	1	1	X2CrNiMo17-12-2	
45	854 M 2145	1	Support sécurité trancannage	Spooler security support	1	1	X2CrNiMo17-12-2	
46	854 M 2146	1	Support sym sécurité trancannage	Spooler security sym support	1	1	X2CrNiMo17-12-2	
47	854 M 2147	0	Entretoise sym	Symmetric sleeve	2	2	POM-C	
48	854 M 2148	0	Entretoise	Sleeve	2	2	POM-C	
49	854 M 2149	0	Support galet vertical	Vertical roller support	1	1	X2CrNiMo17-12-2	

50	854 M 2150	0	Galet de réglage vertical	Adjusting roller	2	2	POM-C	
51	854 M 2151	0	Axe galet vertical	Vertical roller shaft	2	2	X2CrNiMo17-12-2	
52	854 M 2152	0	Entretoise galet vertical	Vertical roller sleeve	2	2	X2CrNiMo17-12-2	
53	854 M 2153	0	Support sym galet vertical	Vertical roller symetrical support	1	1	X2CrNiMo17-12-2	
54	854 M 2154	0	Galet de réglage horizontal	Adjusting roller	2	2	POM-C	
55	854 M 2155	0	Axe galet horizontal	Horizontal roller shaft	2	2	X2CrNiMo17-12-2	
56	854 M 2156	0	Entretoise galet horizontal	Horizontal roller sleeve	2	2	X2CrNiMo17-12-2	
57	854 M 2157	0	Cale entretoise	Sleeve shim	2	2	POM-C	
58	854 M 2158	1	Platine support caméra	Camera support plate	1	1	X2CrNiMo17-12-2	
59	854 M 2159	1	Support chaine chariot	Chain support	1	1	X2CrNiMo17-12-2	
60	854 M 2160	0	Support fil codeur	Encoder cable support	1	1	X2CrNiMo17-12-2	
61	854 M 2161	0	Support chaine porte cable	Cable chain support	1	1	X2CrNiMo17-12-2	
62	854 M 2162	0	Support rail de guidage	Rail guid support	2	2	X2CrNiMo17-12-2	
63	854 M 2163	0	Support cable	Cable support	1	1	X2CrNiMo17-12-2	
64	854 M 2164	A	Plaque constructeur	Name plate	1	1	X2CrNiMo17-12-2	
65	854 M 2165	1	Cale de réglage	Adjusting shim	8	8	X2CrNiMo17-12-2	
1A		-	Détecteur proximité NAMUR M18x1	Proximity sensor NAMUR M18x1	2	2	-	-
2A		-	Bague d'étanchéité Ø340-Ø380-20 - A - DIN 3760	Radial oil seal ID340-OD380-20 - A - DIN 3760	2	2	-	-
3A		-	Circlips pour alésage Ø380x6 - NFE22-165	Bore clips 380DIAx6 - NFE22-165	1	1	-	-
4A		-	Roulements à rouleaux Ø300-Ø380-80	Double row cylindrical rollers bearing ID300-OD380-80	1	1	-	-
5A		-	Goupille clip Ø4.4	Clip pin 4.4 dia	4	4	-	-
6A		-	Graisser à bec droit M10x150	Lubricator nipple M10x150	5	5	-	-
7A		-	CIRCLIPS pour arbre 300x5 - NFE22-163	CIRCLIP for shaft 300x5 - NFE22-163	2	2	-	-
8A		-	Joint racleur pour arbre Ø250	Gasket for shaft 250dia	2	2	-	-

9A		-	Tampon	Buffer	2	2	-	-
10A		-	Joint torique Øint:120,32-Øtore:2,62	O-ring ID:120,32-Odia:2,62	2	2	-	-
11A		-	Roulement à rotule sur rouleaux Ø65-Ø120-31	Spherical roller bearing ID65-OD120-31	2	2	-	-
12A		-	Bague d'étanchéité Ø26-Ø42-7 - A - DIN 3760	Radial oil seal ID26-OD42-7 - A - DIN 3760	1	1	-	-
13A		-	Moteur électrique 400V-50Hz-4p-4kW-h:112	Electric motor 400V-50Hz-4p-4kW-h:112	1	1	-	-
14A		-	Reducteur orthogonal RA210 FS - i: 1/35.28 + IEC112	Orthogonal gear box RA210 FS - i: 1/35.28 + IEC112	1	1	-	-
15A		-	Ecrous à encoches M65x2	Locknuts M65x2	1	1	-	-
16A		-	Rondelle frein Ø65	Locking washer Ø65	1	1	-	-
17A		-	Roulement rigide à billes Ø40 - Ø80 - 18	Deep grooves ball bearing ID40 - OD80 - 18	4	4	-	-
18A		-	Bague d'étanchéité Ø75-Ø95-10 - A - DIN 3760	Radial oil seal ID75-OD95-10 - A - DIN 3760	2	2	-	-
19A		-	Joint torique Øint:39,45-Øtore:1,78	O-ring ID:39,45-Odia:1,78	4	4	-	-
20A		-	Bague d'étanchéité Ø50-Ø80-10 - A - DIN 3760	Radial oil seal ID50-OD80-10 - A - DIN 3760	4	4	-	-
21A		-	Codeur absolu SSI arbre Ø10	Absolute magnetic encoder shaft 10dia SSI	1	1	-	
22A		-	Graisser droit M6x100	Lubricator nipple M6x100	1	1	-	-
23A		-	Graisser droit M8x100	Lubricator nipple M8x100	2	2	-	-
24A		-	Codeur absolu monotour Ø42, 8192 points/tour+Bride 1 trous	Absolute encoder 42dia	1	1	-	-
25A		-	Ressort de traction Øfil:1.6 - Øext: 17 - L0: 39.7	Spring of traction Ring dia:1.6 - OD: 17 - L0: 39.7	2	2	Inox	-
26A		-	Palier à collerette Øint:18 - Øext:20 - 22	Sleeve bearing with flange ID:18 - OD20 - 22	8	8	-	-
27A		-	Chaine porte cable serie 10	Cable chain 10 serie	1	1	-	-
1B		-	Vis HM20x70 - ISO 4017	Screw HM20x70 - ISO 4017	16	16	A4-70	-

2B		-	Rondelle M20 - ISO 7089	Washer M20 - ISO 7089	16	16	A4-70	-
3B		-	Rondelle M18 - ISO 7089	Washer M18 - ISO 7089	4	4	A4-70	-
4B		-	Vis HM8x30 - ISO 4017	Screw HM8x30 - ISO 4017	16	16	A4-70	-
5B		-	Rondelle M8 - ISO 7089	Washer M8 - ISO 7089	51	51	A4-70	-
6B		-	Vis HM12x40 - ISO 4017	Screw HM12x40 - ISO 4017	26	26	A4-70	-
7B		-	Rondelle M12 - ISO 7089	Washer M12 - ISO 7089	82	82	A4-70	-
8B		-	Vis HM12x100 - ISO 4014	Screw HM12x100 - ISO 4014	8	8	A4-70	-
9B		-	Rondelle M10 - ISO 7089	Washer M10 - ISO 7089	56	56	A4-70	-
10B		-	Vis HM10x40 - ISO 4017	Screw HM10x40 - ISO 4017	24	24	A4-70	-
11B		-	Rondelle M14 - ISO 7089	Washer M14 - ISO 7089	2	2	A4-70	-
12B		-	Ecrou HM14 - ISO 4032	Nut HM14 - ISO 4032	2	2	A4-70	-
13B		-	Vis HM8x120 - ISO 4017	Screw HM8x120 - ISO 4017	8	8	A4-70	-
14B		-	Vis HM12x30 - ISO 4017	Screw HM12x30 - ISO 4017	6	6	A4-70	-
15B		-	Vis HM10x35 - ISO 4017	Screw HM10x35 - ISO 4017	18	18	A4-70	-
16B		-	Vis HM12x120 - ISO 4017	Screw HM12x120 - ISO 4017	2	2	A4-70	-
17B		-	Ecrou HM12 - ISO 4032	Nut HM12 - ISO 4032	20	20	A4-70	-
18B		-	Vis HM8x20 - ISO 4017	Screw HM8x20 - ISO 4017	8	8	A4-70	-
19B		-	Ecrou HM8 - ISO 4032	Nut HM8 - ISO 4032	19	19	A4-70	-
20B		-	Vis HM6x12 - ISO 4017	Screw HM6x12 - ISO 4017	5	5	A4-70	-
21B		-	Rondelle M6 - ISO 7089	Washer M6 - ISO 7089	34	34	A4-70	-
22B		-	Vis CHC M3x6 - ISO 4762	Screw CHC M3x6 - ISO 4762	2	2	A4-70	-
23B		-	Vis HM8x40 - ISO 4017	Screw HM8x40 - ISO 4017	7	7	A4-70	-
24B		-	Vis HM8x16 - ISO 4017	Screw HM8x16 - ISO 4017	4	4	A4-70	-
25B		-	Vis FHC/90M6x10 - ISO 10642	Screw FHC/90M6x10 - ISO 10642	8	8	A4-70	-
26B		-	Vis HM10x25 - ISO 4017	Screw HM10x25 - ISO 4017	10	10	A4-70	-
27B		-	Vis HM8x70 - ISO 4017	Screw HM8x70 - ISO 4017	12	12	A4-70	-
28B		-	Vis HM12x50 - ISO 4017	Screw HM12x50 - ISO 4017	12	12	A4-70	-

29B		-	Vis HM12x100 - ISO 4017	Screw HM12x100 - ISO 4017	6	6	A4-70	-
30B		-	Ecrou HmM12 A4-70 ISO 4035	Nut HmM12 A4-70 ISO 4035	4	4	A4-70	-
31B		-	Ecrou NYLSTOP M12-ISO-4032	Self locking nut M12-ISO-4032	8	8	A4-70	-
32B		-	Vis HM6x20 - ISO 4017	Screw HM6x20 - ISO 4017	23	23	A4-70	-
33B		-	Ecrou HM6 - ISO 4032	Nut HM6 - ISO 4032	26	26	A4-70	-
34B		-	Vis HM6x30 - ISO 4017	Screw HM6x30 - ISO 4017	6	6	A4-70	-
35B		-	Ecrou NYLSTOP M6-ISO-4032	Self locking nut M6-ISO-4032	3	3	A4-70	-