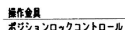


2



PUSH PULL CABLE

A diagram of a rectangular box. The top horizontal edge is labeled "SHORTER SIDE" with a double-headed arrow. The right vertical edge is labeled "LONGER SIDE" with a double-headed arrow. The bottom horizontal edge is labeled "100" with a double-headed arrow. The left vertical edge is labeled "100" with a double-headed arrow. A diagonal line from the bottom-left corner to the top-right corner is labeled "100". An angle θ is indicated at the bottom-left corner between the left vertical edge and the diagonal.

"Supplier" shall obtain at its costs and expenses all licenses, permits, formalities or other approvals from supplier's Government or relevant authorities required for the execution and performance of the Contract.

It is expressly agreed herein that "Supplier" shall be responsible for any matter (including but not limited to penalties claimed by the relevant authorities) arising out of non-compliance with applicable laws and regulations.

-Design	The product itself shall be of intrinsically safe design. When it is difficult to design so, a safety device(s) should be added to secure the safety.
-Safety plates:	To assure the safety of the precaution (warning, caution or notice) shall be clearly indicated by means of an aluminium precast screw type) on the parts where such safety precaution is regarded as necessary.
	The indication shall, in principle, conform to ANSI standards.
-Instruction Manual	The instruction manual of a product constitutes a part of that product. Hence, a separate section for safety shall be provided to take adequate measures for PL Law.
-Others	Due responsibility shall be taken for a personal injury or physical damage caused by a defect of the product.

RUST PREVENTIVE OIL APPLIED
(1) PROCESSING EXPOSURE SIDE
: NP-10 APPLIED
(2) OIL BATH : 1st NP-10 APPLIED
2nd NP-20 APPLIED

2

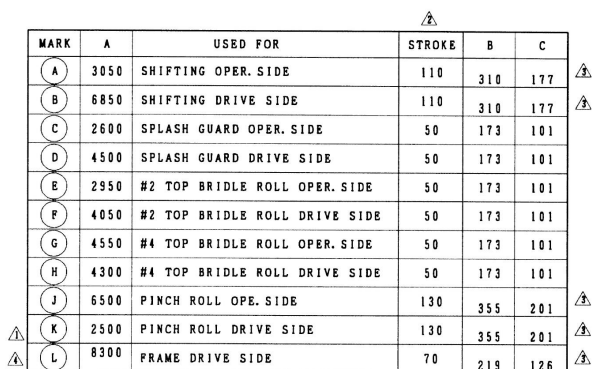
Documents to be submitted

1. For laws, regulations and standards, Japanese domestic laws, regulation and standards shall apply.
2. The painting color shall be a manufacturer's standard color.
For the painting color, the supplied color sample shall apply.
For the painting color, conform to IHI drawing MI6013435.
3. For the guarantee period, the general contract or the order requisition shall apply.
4. Note: When a manufacture is to change the design (including the internal configuration) of the product manufactured so far before its manufacture and delivery he should give a written explanation of the reason for the design change and for the product quality assurance after contract to IHI's

0	03 Oct. 19		座間		手塚
1	03 Nov. 20		北村		手塚
2	04 Oct. 18		横原		手塚
NO. DATE		DESCRIPTION	DRAWN DESIGNED CHECKED APPROVE		

SCALE
1 : 5

洛阳工匠软轴控制器有限公司
LUOYANG ARTISAN PUSH/PULL CABLE CONTROLLER CO., LTD.



MARK	A	USED FOR	STROKE	B	C
A	3050	SHIFTING OPER. SIDE	110	310	177
B	6850	SHIFTING DRIVE SIDE	110	310	177
C	2600	SPLASH GUARD OPER. SIDE	50	173	101
D	4500	SPLASH GUARD DRIVE SIDE	50	173	101
E	2950	#2 TOP BRIDLE ROLL OPER. SIDE	50	173	101
F	4050	#2 TOP BRIDLE ROLL DRIVE SIDE	50	173	101
G	4550	#4 TOP BRIDLE ROLL OPER. SIDE	50	173	101
H	4300	#4 TOP BRIDLE ROLL DRIVE SIDE	50	173	101
J	6500	PINCH ROLL OPE. SIDE	130	355	201
K	2500	PINCH ROLL DRIVE SIDE	130	355	201
L	8300	FRAME DRIVE SIDE	70	219	126

General

1. One electrophotographically reproducible copy of drawing and CAD-DATA to be delivered should be submitted immediately after conclusion of a contract.
To be submitted to IRI's Procurement Department.
2. The drawings to be delivered should have the following described in the attached:
 - (1) IRI's work No., classification No., assembly No., part No. and Component No.
 - (2) Inspection method for assuring performance
 - (3) GDP, required oil amount, mass
 - (4) Instruction manual (Safety item shall be described), components list and recommended spare parts list.
At (2) Item 5 (Safety) shall be described in the drawing floppy disk.
 - (5) Drawing--Presentation of AutoCAD or MicroCADAM by the floppy disk.
3. One reproducible copy of the IRI's designated statement for delivery and shipping specification should be submitted.
(The form will be supplied via TSC Preparing Group.)
 - (1) Its submittal shall be made two times: that is, 15 days before delivery (unless otherwise specified) and at delivery. At the first time, it shall be written necessary matters on that tag, and then to tie it on the product. Therefore, you should contact the Procuring Group to confirm it beforehand.
5. The document to be submitted shall be written in English.
It is in both Japanese and English.
6. The applicable unit shall be SI unit.
7. Notes: (1) Two or more sheets of drawing are to be delivered, the drawing sheets must be unified.
(2) A space (90mm x 30mm) for document stamp should be left at the upper part of the right lower title

1. For laws, regulations and standards, Japanese domestic laws, regulation and standards shall apply.
2. The painting color shall be a manufacturer's standard color. For the painting color, the supplier shall comply with the standard. For the painting color, conform to IRI drawing M916812435.
3. For the guarantee period, the general contract or the order requisition shall apply.
4. Note: When a manufacture is to change the design (including the internal configuration) of the product manufactured so far, before its manufacture and delivery he should give a written explanation of the reason for the design change and the product change to the Procurement Department and submit a contract to IRI's Procuring Department to obtain its approval.

To contact: INI's Procurement Department

- | | |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design | The product itself shall be of intrinsically safe design. When it is difficult to design so, a safety device(s) should be added to secure the safety. |
| Safety plates | To let the safety device(s) be clearly visible, warning, caution or notice shall be clearly indicated by means of an aluminium plate(s) screw type on the parts where such safety precaution is regarded as necessary.
The indication shall, in principle, conform to ANSI standards. |
| Instruction Manual | The instruction manual of a product constitutes a part of that product. Hence, a separate section for safety shall be provided to take adequate measures for PL Law. |
| Others | Due responsibility shall be taken for a personal injury or physical damage caused by a defect of the product. |

MARK	PARTICULARS	MATERIAL	NO. TONS	MASS (kg)	REMARKS	PART NO.
A	WIRE	PURCHASE				350
B	WIRE	PURCHASE				351
C	WIRE	PURCHASE				352
D	WIRE	PURCHASE				353
E	WIRE	PURCHASE				354
F	WIRE	PURCHASE				355
G	WIRE	PURCHASE				356
H	WIRE	PURCHASE				357
J	WIRE	PURCHASE				358
K	WIRE	PURCHASE				359
L	WIRE	PURCHASE				360

DIMENSION (mm)		TOLERANCE	DIMENSION (mm)		TOLERANCE	SYMBOL	R _a (μm)	TYP SURF	TOLERANCE
OVER 0.5 TO 10		±0.1	OVER 0.5 TO 10		±0.1				
0.5		±0.08	0.5		±0.08		0.8		2.5
0.8		±0.1	0.8		±0.1				
1.0		±0.1	1.0		±0.1				
1.2		±0.1	1.2		±0.1				
1.6		±0.15	1.6		±0.15				
2.0		±0.2	2.0		±0.2				
2.5		±0.25	2.5		±0.25				
3.15		±0.3	3.15		±0.3				
4.0		±0.4	4.0		±0.4				
5.0		±0.5	5.0		±0.5				
6.3		±0.6	6.3		±0.6				
8.0		±0.8	8.0		±0.8				
10		±1.0	10		±1.0				
12.5		±1.2	12.5		±1.2				
16		±1.6	16		±1.6				
20		±2.0	20		±2.0				
25		±2.5	25		±2.5				
31.5		±3.15	31.5		±3.15				
40		±4.0	40		±4.0				
50		±5.0	50		±5.0				
63		±6.3	63		±6.3				
80		±8.0	80		±8.0				
100		±10	100		±10				
125		±12.5	125		±12.5				
160		±16	160		±16				
200		±20	200		±20				
250		±25	250		±25				
315		±31.5	315		±31.5				
400		±40	400		±40				
500		±50	500		±50				
630		±63	630		±63				
800		±80	800		±80				
1000		±100	1000		±100				
1250		±125	1250		±125				
1600		±160	1600		±160				
2000		±200	2000		±200				
2500		±250	2500		±250				
3150		±315	3150		±315				
4000		±400	4000		±400				
5000		±500	5000		±500				
6300		±630	6300		±630				
8000		±800	8000		±800				
10000		±1000	10000		±1000				
12500		±1250	12500		±1250				
16000		±1600	16000		±1600				
20000		±2000	20000		±2000				
25000		±2500	25000		±2500				
31500		±3150	31500		±3150				
40000		±4000	40000		±4000				
50000		±5000	50000		±5000				
63000		±6300	63000		±6300				
80000		±8000	80000		±8000				
100000		±10000	100000		±10000				
125000		±12500	125000		±12500				
160000		±16000	160000		±16000				
200000		±20000	200000		±20000				
250000		±25000	250000		±25000				
315000		±31500	315000		±31500				
400000		±40000	400000		±40000				
500000		±50000	500000		±50000				
630000		±63000	630000		±63000				
800000		±80000	800000		±80000				
1000000		±100000	1000000		±100000				
1250000		±125000	1250000		±125000				
1600000		±160000	1600000		±160000				
2000000		±200000	2000000		±200000				
2500000		±250000	2500000		±250000				
3150000		±315000	3150000		±315000				
4000000		±400000	4000000		±400000				
5000000		±500000	5000000		±500000				
6300000		±630000	6300000		±630000				
8000000		±800000	8000000		±800000				
10000000		±1000000	10000000		±1000000				
12500000		±1250000	12500000		±1250000				
16000000		±1600000	16000000		±1600000				
20000000		±2000000	20000000		±2000000				
25000000		±2500000	25000000		±2500000				
31500000		±3150000	31500000		±3150000				
40000000		±4000000	40000000		±4000000				
50000000		±5000000	50000000		±5000000				
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160000000		±16000000	160000000		±16000000				
200000000		±20000000	200000000		±20000000				
250000000		±25000000	250000000		±25000000				
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400000000		±40000000	400000000		±40000000				
500000000		±50000000	500000000		±50000000				
630000000		±63000000	630000000		±63000000				
800000000		±80000000	800000000		±80000000				
1000000000		±100000000	1000000000		±100000000				
1250000000		±125000000	1250000000		±125000000				
1600000000		±160000000	1600000000		±160000000				
2000000000		±200000000	2000000000		±200000000				
2500000000		±250000000	2500000000		±250000000				
3150000000		±315000000	3150000000		±315000000				
4000000000		±400000000	4000000000		±400000000				
5000000000		±500000000	5000000000		±500000000				
6300000000		±630000000	6300000000		±630000000				
8000000000		±800000000	8000000000		±800000000				
10000000000		±1000000000	10000000000		±1000000000				
12500000000		±1250000000	12500000000		±1250000000				
16000000000		±1600000000	16000000000		±1600000000				
20000000000		±2000000000	20000000000		±2000000000				
25000000000		±2500000000	25000000000		±2500000000				
31500000000		±3150000000	31500000000		±3150000000				
40000000000		±4000000000	40000000000		±4000000000				
50000000000		±5000000000	50000000000		±5000000000				
63000000000		±6300000000	63000000000		±6300000000				
80000000000		±8000000000	80000000000		±8000000000				
100000000000		±10000000000	100000000000		±10000000000				
125000000000		±12500000000	125000000000		±12500000000				
160000000000		±16000000000	160000000000		±16000000000				
200000000000		±20000000000	200000000000		±20000000000				
250000000000		±25000000000	250000000000		±25000000000				
315000000000		±31500000000	315000000000		±31500000000				
400000000000		±40000000000	400000000000		±40000000000				
500000000000		±50000000000	500000000000		±50000000000				
630000000000		±63000000000	630000000000		±63000000000				
800000000000		±80000000000	800000000000		±80000000000				
1000000000000		±100000000000	1000000000000		±100000000000				
1250000000000		±125000000000	1250000000000		±125000000000				
1600000000000		±160000000000	1600000000000		±160000000000				
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2500000000000		±250000000000	2500000000000		±250000000000				
3150000000000		±315000000000	3150000000000		±315000000000				
4000000000000		±400000000000	4000000000000		±400000000000				
5000000000000		±500000000000	5000000000000		±500000000000				
6300000000000		±630000000000	6300000000000		±630000000000				
8000000000000		±800000000000	8000000000000		±800000000000				
10000000000000		±1000000000000	10000000000000		±1000000000000				
12500000000000		±1250000000000	12500000000000		±1250000000000				
16000000000000		±1600000000000	16000000000000		±1600000000000				
20000000000000		±2000000000000	20000000000000		±2000000000000				
25000000000000		±2500000000000	25000000000000		±2500000000000				
31500000000000		±3150000000000	31500000000000		±3150000000000				
40000000000000		±4000000000000	40000000000000		±4000000000000				
50000000000000		±5000000000000	50000000000000		±5000000000000				
63000000000000		±6300000000000	63000000000000		±6300000000000				
80000000000000		±8000000000000	80000000000000		±8000000000000				
100000000000000		±10000000000000	100000000000000		±10000000000000				
125000000000000		±12500000000000	125000000000000		±12500000000000				
160000000000000		±16000000000000	160000000000000		±16000000000000				
200000000000000		±20000000000000	200000000000000		±20000000000000				
250000000000000		±25000000000000	250000000000000		±25000000000000				
315000000000000		±31500000000000	315000000000000		±31500000000000				
400000000000000		±40000000000000	400000000000000		±40000000000000				
500000000000000		±50000000000000	500000000000000		±50000000000000				
630000000000000		±63000000000000	630000000000000		±63000000000000				
800000000000000		±80000000000000	800000000000000		±80000000000000				
1000000000000000		±100000000000000	1000000000000000		±100000000000000				
1250000000000000		±125000000000000	1250000000000000		±125000000000000				
1600000000000000		±160000000000000	1600000000000000		±160000000000000				
2000000000000000		±200000000000000	2000000000000000		±200000000000000				
2500000000000000		±250000000000000	2500000000000000		±250000000000000				
3150000000000000		±315000000000000	3150000000000000		±315000000000000				
4000000000000000		±400000000000000	4000000000000000		±400000000000000				
5000000000000000		±500000000000000	5000000000000000		±500000000000000				
6300000000000000		±630000000000000	6300000000000000		±630000000000000				
8000000000000000		±800000000000000	8000000000000000		±800000000000000				
10000000000000000		±1000000000000000	10000000000000000		±1000000000000000				
12500000000000000		±1250000000000000	12500000000000000		±1250000000000000				
16000000000000000		±1600000000000000	16000000000000000		±1600000000000000				
20000000000000000		±2000000000000000	20000000000000000		±2000000000000000				
25000000000000000		±2500000000000000	25000000000000000		±2500000000000000				
31500000000000000		±3150000000000000	31500000000000000		±3150000000000000				
40000000000000000		±4000000000000000	40000000000000000		±4000000000000000				
50000000000000000		±5000000000000000	50000000000000000		±5000000000000000				
63000000000000000		±6300000000000000	63000000000000000		±6300000000000000				
80000000000000000		±8000000000000000	80000000000000000		±8000000000000000				
100000000000000000		±10000000000000000	100000000000000000		±10000000000000000				
125000000000000000		±12500000000000000	125000000000000000		±12500000000000000				
160000000000000000		±16000000000000000	160000000000000000		±16000000000000000				
200000000000000000		±20000000000000000	200000000000000000		±20000000000000000				
250000000000000000		±25000000000000000	250000000000000000		±25000000000000000				
315000000000000000		±31500000000000000	3						

"Supplier" shall obtain at its costs and expenses all licenses, permits, formalities or other approvals from supplier's Government or relevant authorities required for the execution and performance of the Contract.

Supplier expressly agreed herein that "Supplier" shall be responsible for any matter (including but not limited to penalties claimed by the relevant authorities) arising out of non fulfillment of the obligations hereabove.

0	03 Oct. 10		近藤	手塚
2	03 Nov. 26		梶原	手塚
3	03 Dec. 9		梶原	手塚
4	04 Aug. 2		I. T	手塚
NO.	DATE	DESCRIPTION	DRAWN	DESIGNED CHECKED APPROVED

SCALE
1 : 2
3RD ANG PROJECTI

洛阳工匠软轴控制器有限公司
LUOYANG ARTISAN PUSH PULL CABLE CONTROLLER CO.,LTD

	SUBSTITUTE FOR	REPLACED BY
	REV. NO.	
	4	



PUSH PULL CABLE

A diagram of a rectangular plate with a diagonal line drawn from the top-left corner to the bottom-right corner. The top edge is labeled 'SHORTER SIDE' and the right edge is labeled 'LONGER SIDE'. The diagonal line is labeled 'S'. The angle between the diagonal and the shorter side is labeled θ . The distance from the bottom-left corner to the point where the diagonal intersects the bottom edge is labeled '100'.

"Supplier" shall bear their costs and expenses for licenses, permits, formalities or other approvals from supplier's Government or relevant authorities required for the execution and performance of the Contract.

It is expressly agreed herein that "Supplier" shall be the responsibility for any matter that may incur penalties claimed by the relevant authorities, including, but not limited to, the failure to comply with applicable laws, regulations, or other requirements of the relevant authorities.

Document to be submitted

SAFETY MEASURES

SCALE

1. 5

3RD ANGLE
PROJECTION

洛阳工匠软轴控制器有限公司

LUOYANG ARTISAN PUSH PULL CABLE CONTROLLER CO.,LTD.