PRODUCT COOLER- LOWER SEAL LEG - SLIDE GATE CYLINDER

ITEM ID	QTY	MODEL CODE	MODEL FAMILY	MANUFACTURER
38	2	Pressure Gauge-0-250 bar	Guage	WIKA
39	2	HDA 4746-A-400-000	Pressure Transmitter	Hydac
46	4	KHM32F311141	Ball Valve	Hydac
47.	1	Junction Box	Junction Box	Iranian Manufacturer
53.	1	SAF32M12T200A-S309	Safety Block	Hydac
54.	1	VUR114SP1-15S	Check Valve	Oleoweb
55.	1	SB330-50A1/112U-330A	Accumulator	Hydac
56	2	ZBE 08-05	Female connector	Hydac
58.	1	XG2V-6GW	Pressure Reducing Valve	Eaton Vickers
64.	1	DG5V 7 2A 2 MU H7 30	Pilot Operated Directional Valve	Eaton-Vickers
66	3	C5G 815	Check Valve	Eaton-Vickers
67.	1	DGMFN-5-Y-A2W-B2W-30	Flow Control Valve	Eaton-Vickers
68.	1	DGMPC-5-DABK-DBAK-30	P.O.Check Valve	Eaton-Vickers
69.	1	DG4V 5 6CJ M U H6 20	Directional Valve	Eaton-Vickers
70.	1	EFN-10-11-F	Flow Control Valve	Eaton-Vickers
71.	1	Hydraulic Manifold	Hydraulic Manifold	HK
101.	1	Valve Stand	Valve Stand	HK
113.	1	125/70/590	Hydraulic Cylinder	HK

Φ125xΦ70x590 stroke
Closing Time (Emergency): 5s
Opening Time : Max. 45 s

Cyl. End Port SAE 1 1/4" 3000 PSI
Cyl. Head Port SAE 1 1/4" 3000 PSI

PC-LSL-SG CONTROL MANIFOLD

PC-LSL-SG VALVE STAND

Movement \ Output	SOL-D41-A	SOL-D41-B	SOL-D41-C
Gate Opening	De-Energized	Energized	Energized
Gate Closing	Energized	De-Energized	Energized
Gate Emergency Closing	De-Energized	De-Energized	De-Energized

Port Tag	Type & Size
M1...M4	G 1/4"
P	SAE 1 1/4" 3000PSI
A	SAE 1 1/4" 3000PSI
B	SAE 1 1/4" 3000PSI
T	SAE 1 1/4" 3000PSI
ACC	SAE 1 1/4" 3000PSI

REV.	DATE	DESCRIPTION	PURPOSE OF ISSUE	PREPARE	CHECK	APPROVE
Z	06/2019	AS BUILT	ASB	KHALILPOOR	SHAGHAGHI	MOHAMMAD ZADEH
5	12/2016	ISSUE FOR CONSTRUCTION	IFC	MUSAVI	SHAGHAGHI	MOHAMMAD ZADEH
4	10/2015	ISSUE FOR CONSTRUCTION	IFC	KHALILPOOR	PARVANI	KIOMARSI
3	03/2015	ISSUE FOR CONSTRUCTION	IFC	KHALILPOOR	PARVANI	KIOMARSI
2	09/2014	ISSUE FOR CONSTRUCTION	IFC	KHALILPOOR	PARVANI	KIOMARSI
1	05/2014	ISSUE FOR APPROVAL	IFA	KHALILPOOR	PARVANI	KIOMARSI

Project: KOWSAR GISD MEGA MODULE PROJECT

Client: شرکت توسعه آهن و فولاد گل گهر G.I.S.D.Co.

Contractor: شرکت مهندسی و ساخت تجهیزات معادن و فلزات MINES & METALS TECHNOLOGICAL ENGINEERING CO. MMTE

Client's Project	Project Code	Main Contractor	Area Code	Plant Group	Equipment Code	Document Type	Eng. Discipline	Serial No.
GISD	7-2	119	1002	7	AA	04	P	112

	SIGNATURE	DATE
DESIGNED	MMTE	12/2016
PREPARED	MUSAVI	12/2016
CHECKED	SHAGHAGHI	12/2016
APPROVED	MOHAMMAD ZADEH	12/2016

designation: PIPING & INSTRUMENTATION DIAGRAM FURNACE EQUIPMENT HYDRAULIC SYSTEM

drawing-No. KGMMPC00M5112

repl. for: repl. by :

SCALE: AS SHOWN | REV.: Z | SIZE: A3 | SHEET: 3/3 | CONT. & PRDJ. NO: 92/5499

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