

Selection Table of Pump - Motor Module

Prepared by:

Date:

2021-12-22

A. Pump-Motor stand

Type:

FE027-S6073424-G-001-A

Specification: To be determined

B. Hydraulic Pump Type:

Type	Displacement	Regulator	Seal	
A4VSO	355	DR	F	HFC

Selection Guide I: A4VSO - 355 - DR - F

Selection Guide II: A4VSO 355

MNR: #N/A

Specification: #N/A

75

Bell Housing	Coupling
Steel	DKR
	KTR

Notice

1. Input only in Yellow cell

2. After calculation, check selection is correct

C. Electric Motor Type

Manufacturer	Power	Voltage	Frequency	Pole	Installation	IP	Efficiency	Insulation	Temp Rise
HHI	75	440	60	6P	B35	55	IE3	F	B

Selection Guide I: HHI - 75kW x 440V, 60Hz x 6P x B35, IP55, IE3 (NA)

Selection Guide II: HHI - 75kW x 6P x B35

MNR: R987444427

Specification: MOTOR AC 75KW-250M-B35-6P-440&

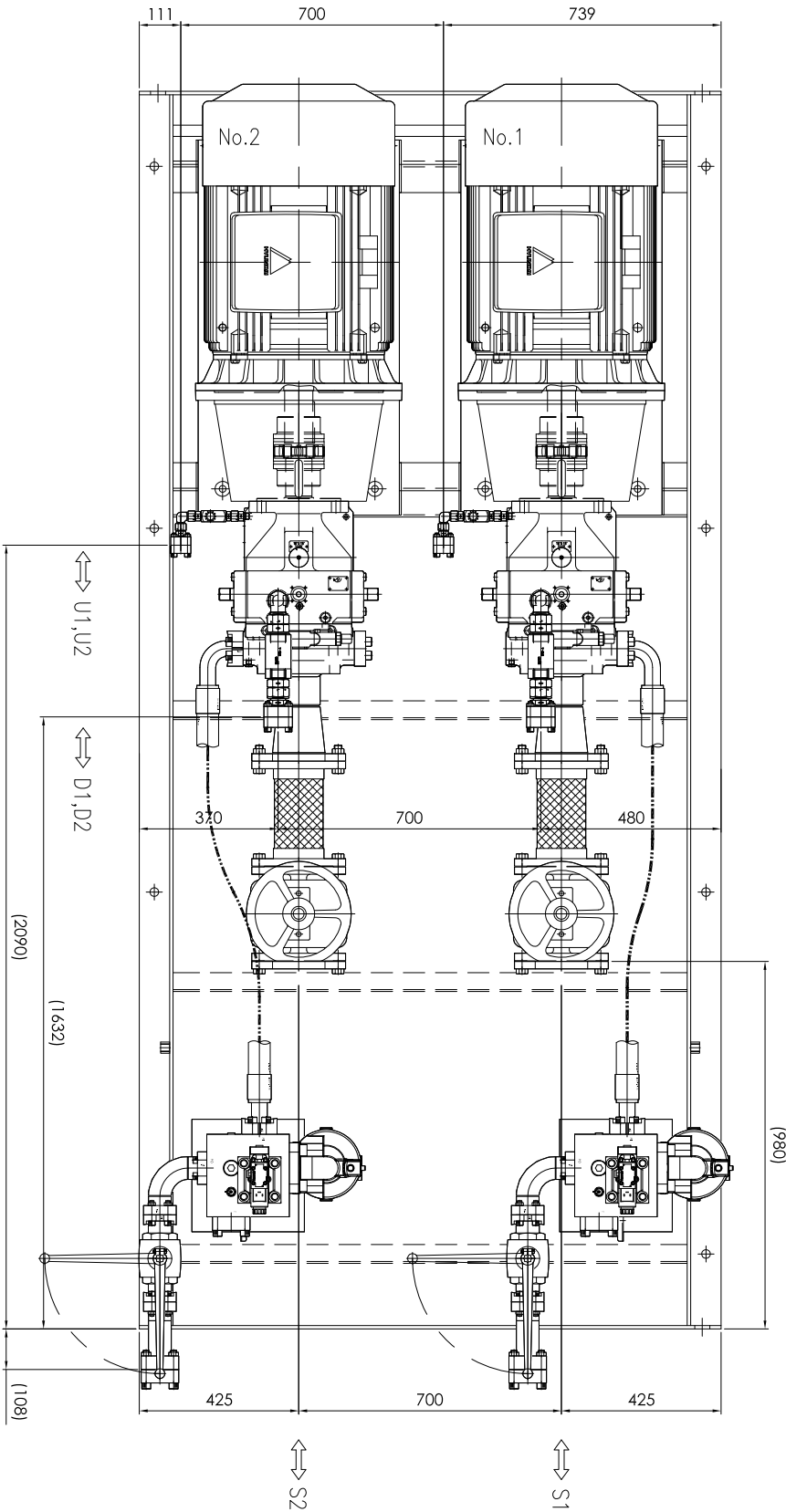
기동방식	Housing
Y-D 기동	주물

D. Accessories

Hydraulic Pump Type: A4VSO 355 #N/A

Electric Motor Type: HHI - 75kW x 6P x B35

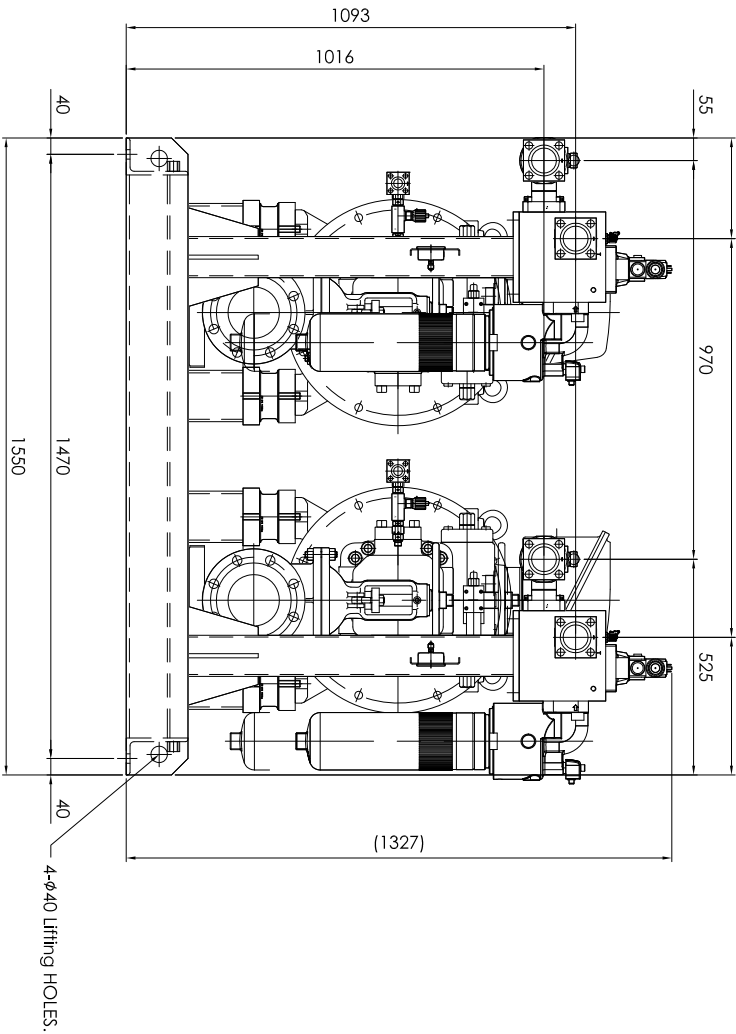
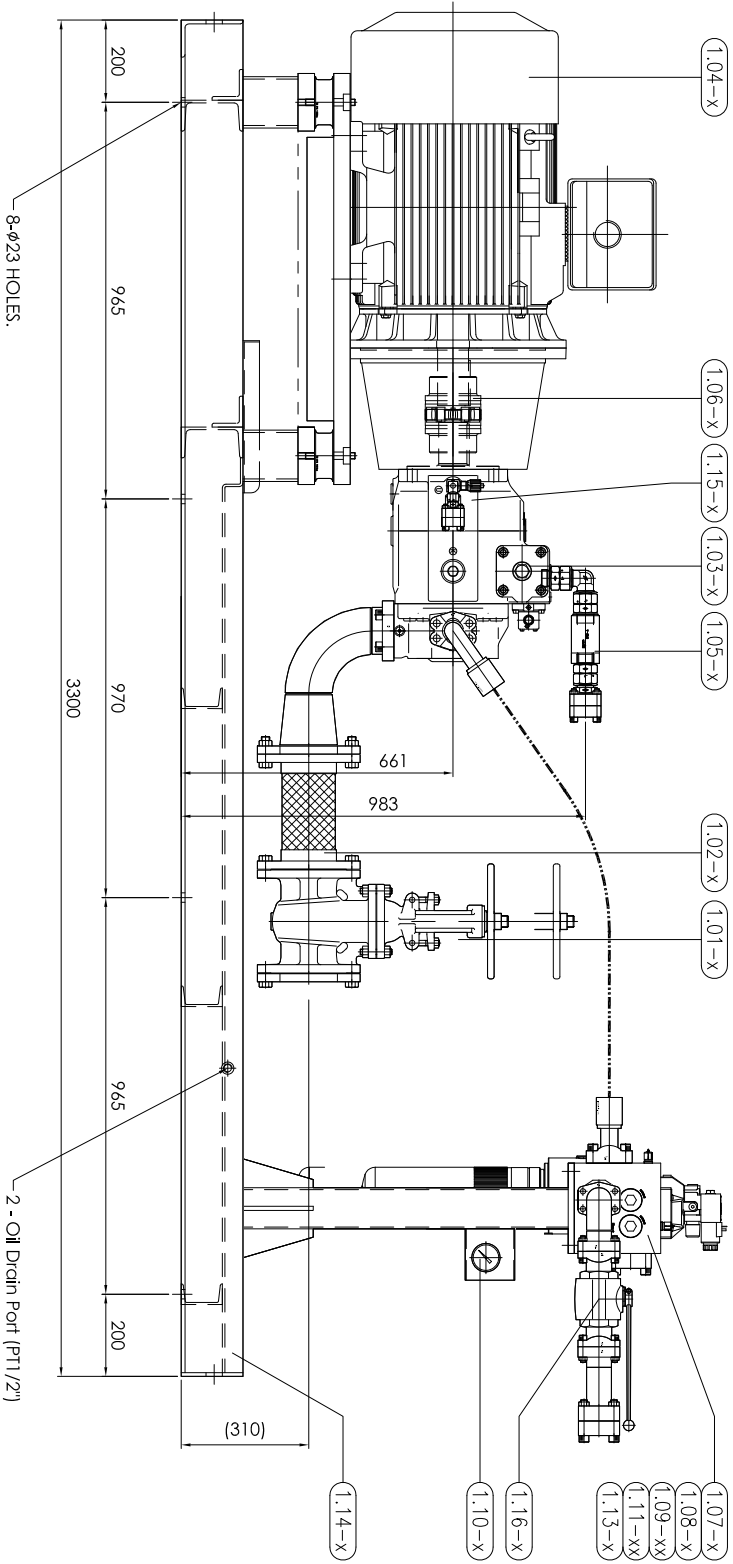
Sol'relief valve Type: DBW 30



PIPING CONNECTION				
MARK	SIZE		STANDARD	PIPE MATERIALS
	FLANGE	PIPE		
S1,S2	125A / KS10K	SCH.40	ISO 6162	SUS
P1,P2	50A / SSA	SCH.160	ISO 6162	SUS
T1,T2	50A / SSA	SCH.40	ISO 6162	SUS
D1,D2	32A / SSA	SCH.40	ISO 6162	SUS
U1,U2	15A / SSA	SCH.40	ISO 6162	SUS

NOTE

1. FLUID : WATER GLYCOL WC38
2. MOTOR POWER : AC440V X 3ø X 60HZ X IE3
3. SOLENOID : AC110V X 60HZ
4. WORKING PRESSURE : 110 bar
5. PIPING MATERIAL : SUS



NO.	DESCRIPTION	SPECIFICATION	QUANTITY UNIT TOTAL	REMARK	NO.	DESCRIPTION	SPECIFICATION	QUANTITY UNIT TOTAL	REMARK
1.09	CHECK VALVE	M-SR30K05-1X/	4	REKROTH	1.01	GATE VALVE	125A410K	2	K.S
1.10	PRESSURE GAUGE	A8ZMA63-250BAR/MPI-R/B-G	2	REKROTH	1.02	EXPENSION JOINT	125A410K	2	K.S
1.11	TEST POINT	AB20-11/K1 G1/4	4	REKROTH	1.03	PISTON PUMP	AA850 355 DR /30R-FPB13M00	2	REKROTH
1.12	GAUGE HOSE	AB20-11/200-G1/2	2	REKROTH	1.04	ELEC MOTOR	75W-6P-440V B3B5,IE3	2	HYUNDAI
1.13	MANIFOLD BLOCK	SPECIAL	2	DOCR	1.05	CHECK VALVE	S 25 A05-1X/450J3	2	REKROTH
1.14	PUMP STAND	SS400	2	DOCR	1.06	BELL HOUSING & COUPLING	PL550 & ROTEX65	2	KTR
1.15	NEEDLE VALVE	NOV-DN10-G1/8	2	MHA	1.07	PRESSURE FILTER	350PFSN0630-FPIR10A00-V5.0-M	2	REKROTH
1.16	BALL VALVE	M6P-DN10-SPEFS210	2	MHA	1.08	SOL/RELIEF VALVE	DBW30B2-SV/350SEW110N9KAH12	2	REKROTH
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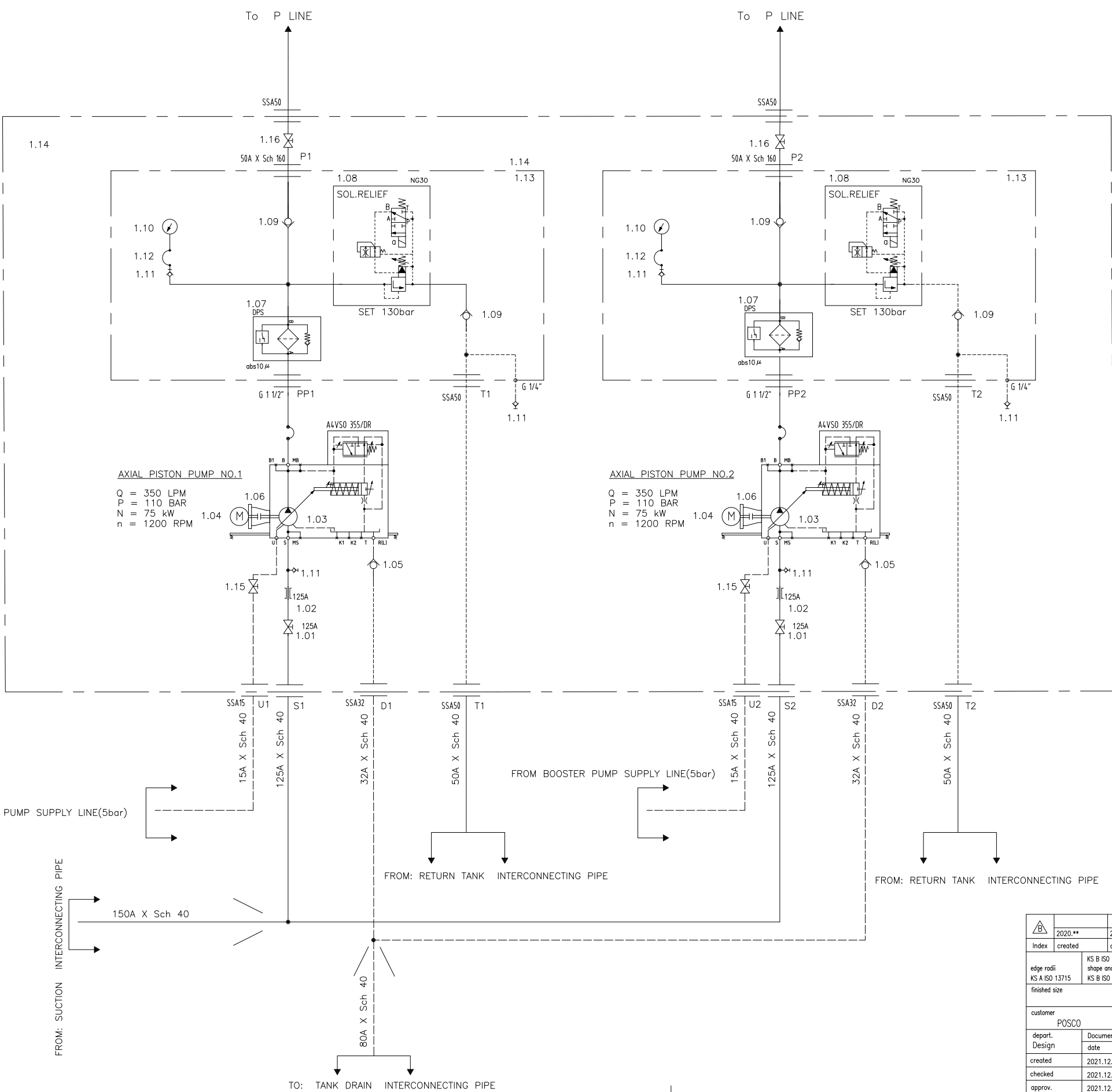
Inside of  : Scope of supply of Rexroth Korea
Outside of  : Scope of supply of buyer

NO.	DESCRIPTION	SPECIFICATION	QUANTITY		WEIGHT(kg)		REMARK
			UNIT	TOTAL	PER UNIT	TOTAL	
1.01	GATE VALVE	125Ax10K	2				K.S
1.02	EXPENSION JOINT	125Ax10K	2				K.S
1.03	PISTON PUMP	A4VSO 355 DR /30R-FPB13N00	2				REXROTH
1.04	ELEC' MOTOR	75KW-6P-440V B3B5,IE3	2				HYUNDAI
1.05	CHECK VALVE	S 25 A05-1X/450J3	2				REXROTH
1.06	BELL HOUSING & COUPLING	PL550 & ROTEX65	2				KTR
1.07	PRESSURE FILTER	350PSFN0630-PWR10A00-V5,0-M	2				REXROTH
1.08	SOL' RELIEF VALVE	DBW30B2-5X/350S6EW110N9K4R12	2				REXROTH
1.09	CHECK VALVE	M-SR30KE05-1X/	4				REXROTH
1.10	PRESSURE GAUGE	ABZMM63-250BAR/MPA-R/B-G	2				REXROTH
1.11	TEST POINT	AB20-11/K1 G1/4	4				REXROTH
1.12	GAUGE HOSE	AB20-11/2000-G1/2	2				REXROTH
1.13	MANIFOLD BLOCK	SPECIAL	2				DCKR
1.14	PUMP STAND	SS400	2				DCKR
1.15	NEEDLE VALVE	NDV-DN10-G3/8	2				MHA
1.16	BALL VALVE	MKHP-DN50-SAEFS210	2				MHA

FILTER SWITCH OPERATION		
MARK	ACTION	
1.07 SET	5bar	
DPS 2	ALARM OFF	ALARM ON

PUMP UNLOAD VALVE	
	SOL. RELIEF
UN LOAD	X
ON LOAD	0
O : ENERGIZED	
X : DE ENERGIZED	

- NOTE
- FLUID : WATER GYCOL WG38
 - MOTOR POWER : AC440V X 3ø X 60HZ X IE3
 - SOLENOID : AC110V x 60HZ
 - WORKING PRESSURE : 110 bar
 - PIPING MATERIAL : SUS



			xxx		*****	
	2020.**	2020.**	2020.**			
Index	created	checked	approv.	change note		
edge radii KS A ISO 13715		KS B ISO 1101 shape and position tolerance KS B ISO 1101		KS B 0052 welding symbol KS B 0052	KS A ISO 2768-1/KS A ISO 8015 general machining tolerances KS B ISO 2768-1 Tolerierung/tolerances KS A ISO 8015	KS A ISO 1302 surface finish KS A ISO 1302
finished size		weight in kg		 A Bosch Company	Semi FG No.	XXXX
customer POSCO		sales order no. *****			FG No.	XXXX
					Material No.	XXXX XXX
depart. Design	Document: date 2021.12.20		AG name Y.M.KIM	item name POSCO 2월 연 HYDRAULIC PUMP STAND 355 x 75kw(6P) CIRCUIT DIAGRAM		 sheet:1 of:1
	checked 2021.12.20		D.J.NAM	Industrial Hydraulics		
	approved 2021.12.20		J.W.KIM	scale 1:1	size A1	
Index / A	First issue		drawing no. HS027-S6073424-C-001-A			