

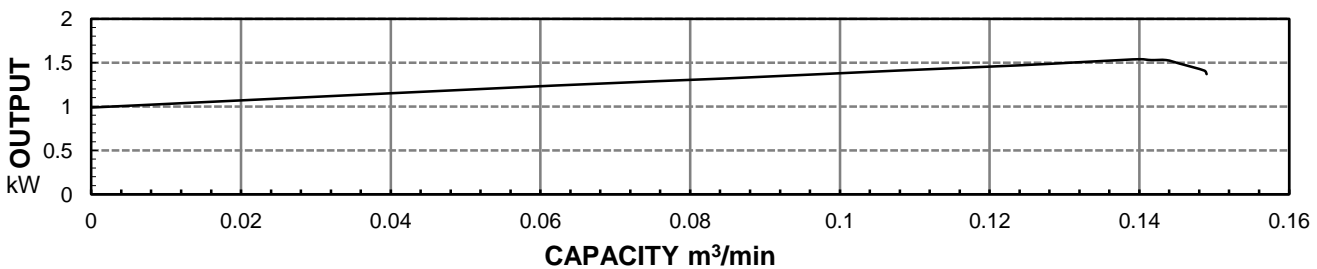
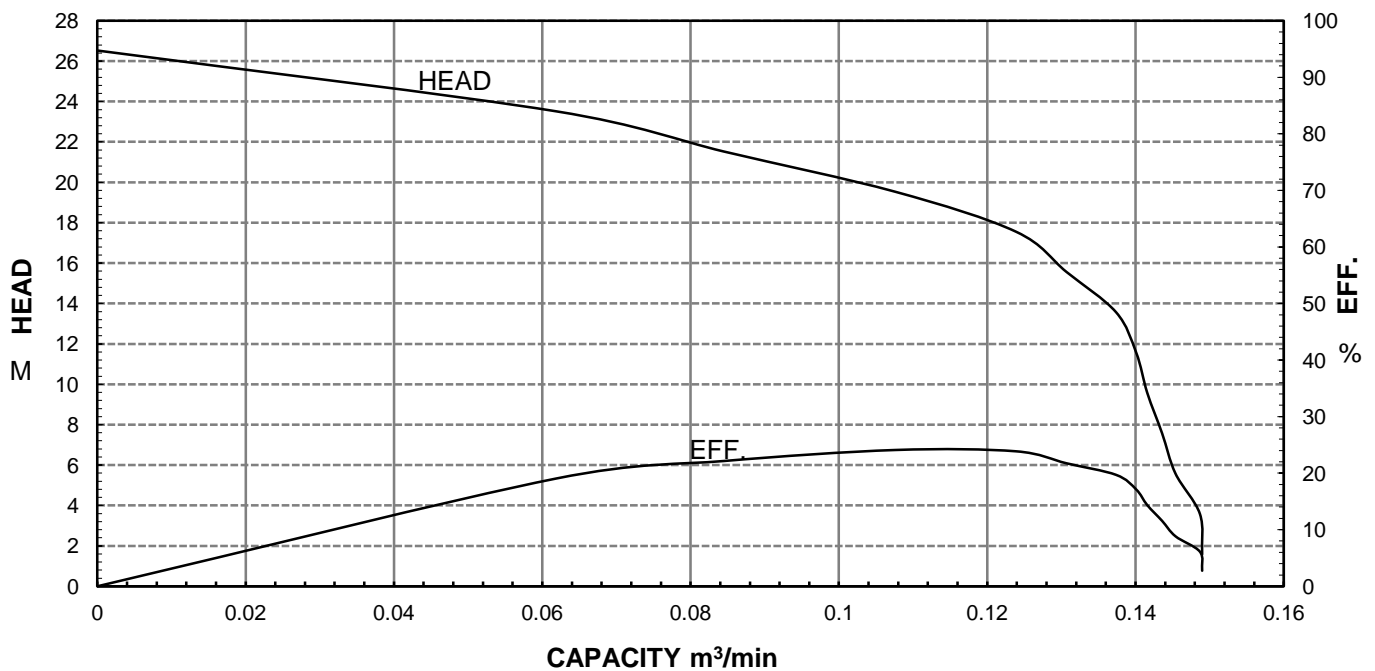


# HCP PUMP

FILE NO PC-M-E5-32GF21.51

## PUMP PERFORMANCE CURVES

MODEL	32GF21.5					DATE:	2011.12	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION		
FREQUENCY	50				Hz			
DISCHARGE	1¼	inch	/	32	mm			
OUTPUT	2	HP	/	1.5	kW	HP	kW	
HEAD	23				M			
CAPACITY	0.06				m <sup>3</sup> /min			
PHASE/VOLTAGE	1 φ	220 V	230 V	240 V			φ	V
RATED CURRENT		10.4 A	10.0 A	9.8 A				A
POLE / R.P.M.	2	P	/	2850	R.P.M.			
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



HCP PUMP MANUFACTURER CO.,LTD.

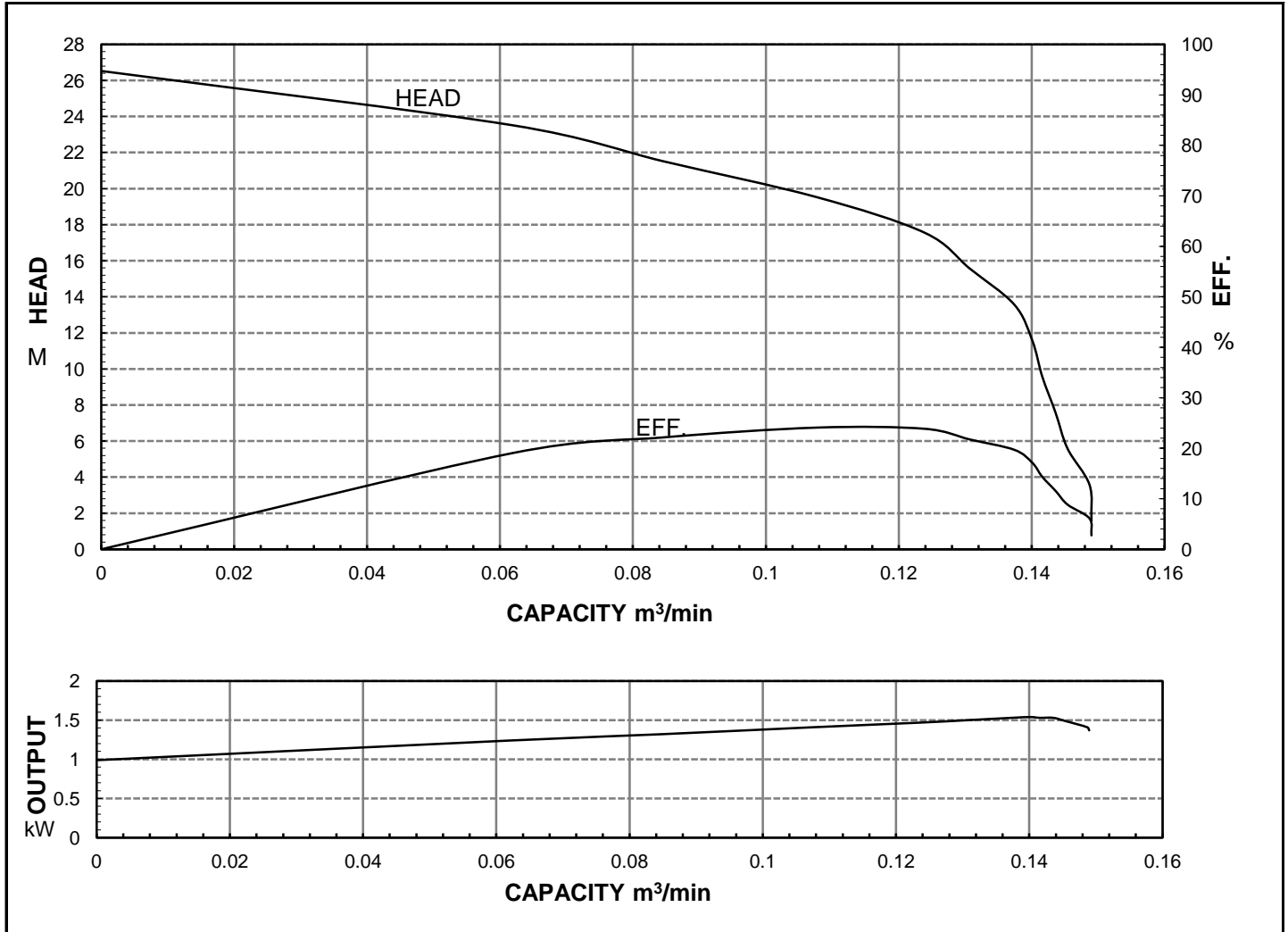


# HCP PUMP

FILE NO PC-M-E5-32GF21.53

## PUMP PERFORMANCE CURVES

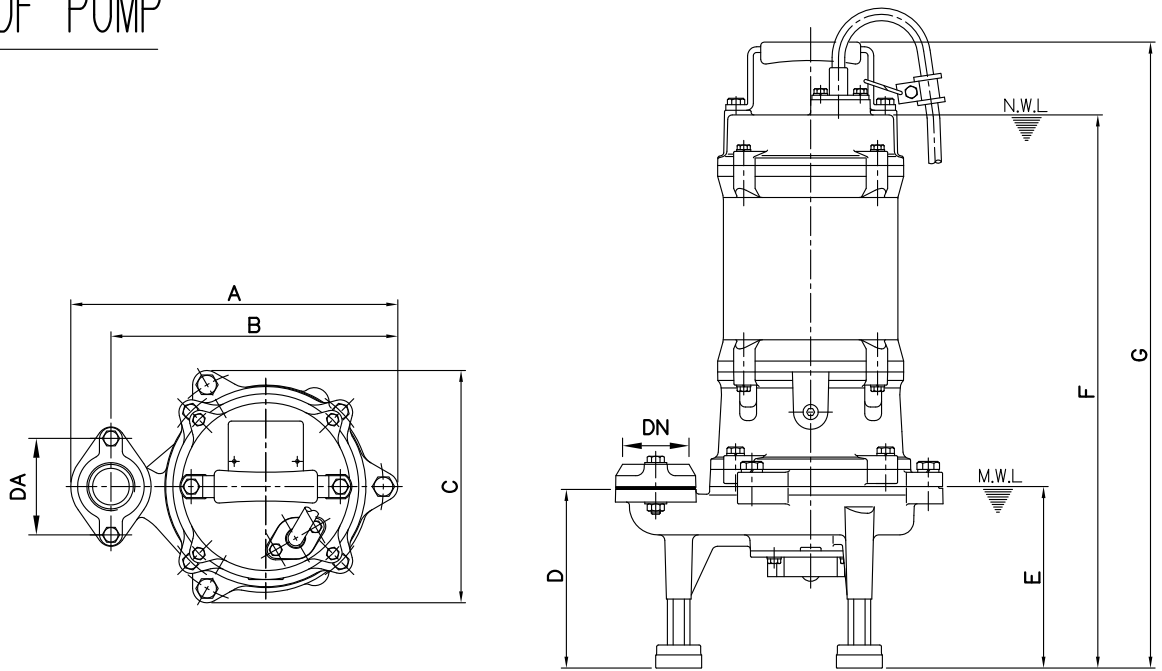
MODEL	32GF21.5				DATE:	2011.12
	STANDARD SPECIFICATION				REFERENCE SPECIFICATION	
FREQUENCY	50			Hz		
DISCHARGE	1¼	inch	/	32	mm	
OUTPUT	2	HP	/	1.5	kW	HP      kW
HEAD	23			M		
CAPACITY	0.06			m <sup>3</sup> /min		
PHASE/VOLTAGE	3 φ	230 V	380 V	400 V	415 V	φ      V
RATED CURRENT		6.1 A	3.6 A	3.5 A	3.4 A	A
POLE / R.P.M.	2	P	/	2850	R.P.M.	
START METHOD	DIRECT					
INSULATION CLASS	B					
REMARK						



**HCP PUMP MANUFACTURER CO.,LTD.**

MODEL: 32GF21.0;32GF21.2;32GF21.5;32GF22.2

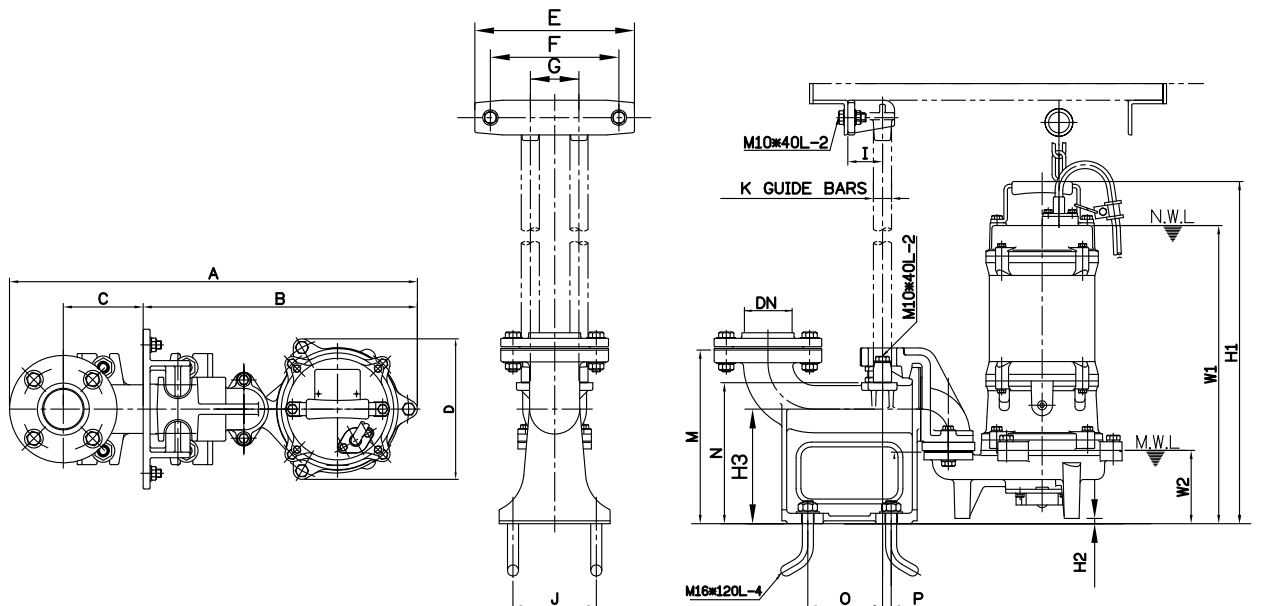
DIMENSION OF PUMP



Model	DN	DA	A	B	C	D	E	F	G
32GF21.0	32	84	249	214	177	156	160	473(498)	530(555)
32GF21.2	32	84	285	250	203	156	160	483(553)	546(597)
32GF21.5	32	84	285	250	203	156	160	483(553)	546(597)
32GF22.2	32	84	285	250	203	156	160	483(566)	546(630)

DIMENSION OF GRS

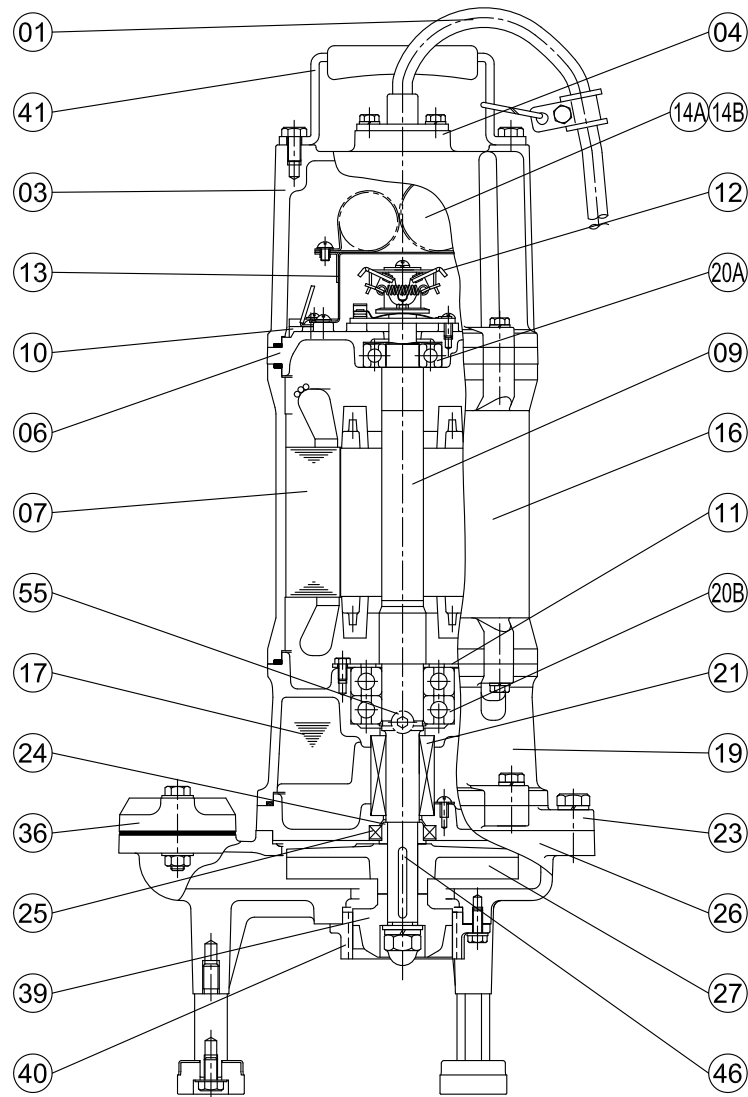
Remark: ( ) Dimensions in 1Ø  
 N.W.L: Normal water level  
 M.W.L: Minimum water level



Model	DN	A	B	C	D	E	F	G	I	J	K	M	N	O	P	W1	W2	H1	H2	H3
32GF21.0	50	552	359	115	177	230	185	70	50	120	1 1/4"	250	203	108	13	420(445)	90	477(502)	6	165
32GF21.2	50	588	395	115	203	230	185	70	50	120	1 1/4"	250	203	108	13	430(480)	106	493(544)	6	165
32GF21.5	50	588	395	115	203	230	185	70	50	120	1 1/4"	250	203	108	13	430(480)	106	493(544)	6	165
32GF22.2	50	588	395	115	203	230	185	70	50	120	1 1/4"	250	203	108	13	430(513)	106	493(577)	6	165

Note: When 32GF21.0;32GF21.2;32GF21.5;32GF22.2 used with GRS,the base foot needs to be dismantled.

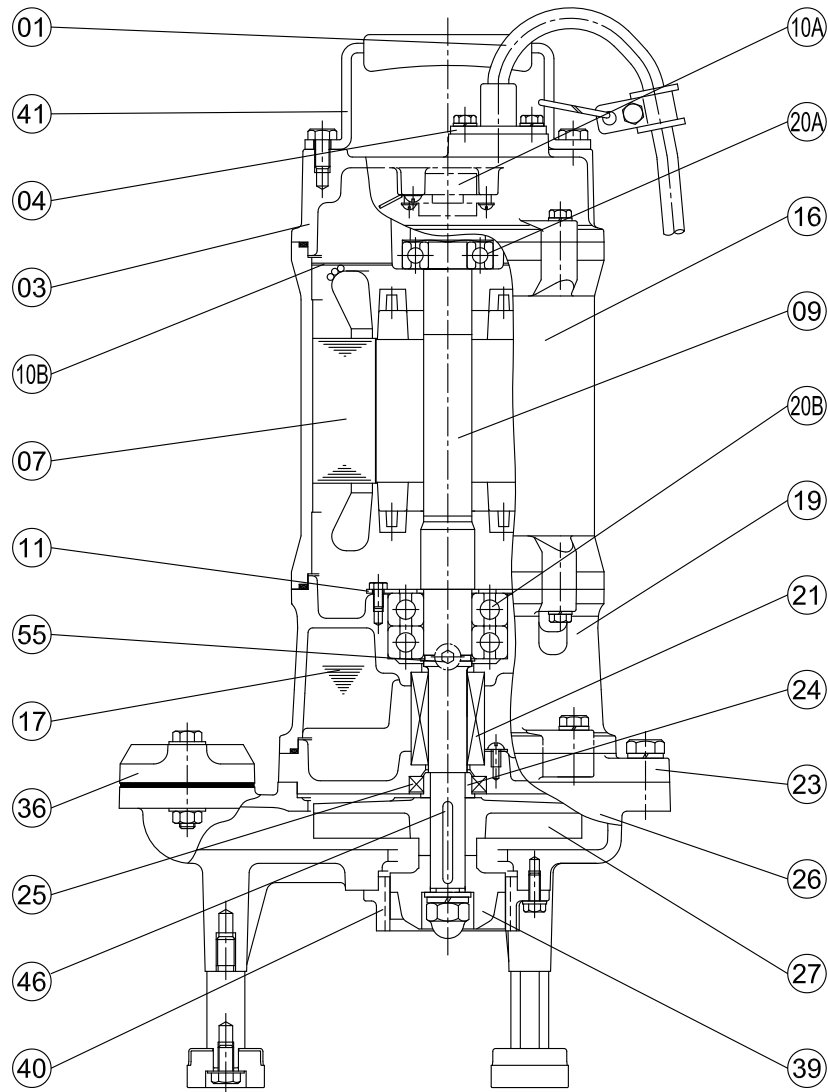
## MODEL:32GF21.5;32GF22.2 1Ø



No.	Part name	Material	QTY	Remark
01	Cable		1	VCT/H07RN-F UL/CSA
03	Upper cover	FC-200	1	
04	Cable base cover	SUS304	1	
06	Bracket	FC-200	1	
07	Stator		1	
09	Shaft(with Rotor)	SUS420J2	1	
10	Auto-cut		1	
11	Bearing fixer	SS41	1	
12	Centrifugal switch		1	
13	Centrifugal switch cover		1	
14A	Capacitor		1	
14B	Start capacitor		1	
16	Motor frame	FC-200	1	
17	Lubricant	Turbine oil #32	1	
19	Bearing bracket	FC-200	1	
20A	Upper bearing		1	

No.	Part name	Material	QTY	Remark
20B	Lower bearing		2	
21	M. seal	CA VS CE SIC VS SIC	1	
23	M. seal bracket	FC-200	1	
24	Oil seal bush	SUS420J2	1	
25	Oil seal	NBR	1	
26	Casing	FC-200	1	
27	Impeller	FC-200	1	
36	Flange	FC-200	1	
39	Radial cutter	440C	1	
40	Cutter ring	440C	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing (1 set)		1	
55	Oil plug	SUS304	1	

## MODEL:32GF21.5;32GF22.2 3Ø



No.	Part name	Material	QTY	Remark
01	Cable		1	VCT/H07RN-F UL/CSA
03	Upper cover	FC-200	1	
04	Cable base cover	SUS304	1	
07	Stator		1	
09	Shaft(with Rotor)	SUS420J2	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SS41	1	
16	Motor frame	FC-200	1	
17	Lubricant	Turbine oil #32	1	
19	Bearing bracket	FC-200	1	
20A	Upper bearing		1	
20B	Lower bearing		2	
21	M. seal	CA VS CE SIC VS SIC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	FC-200	1	
24	Oil seal bush	SUS420J2	1	
25	Oil seal	NBR	1	
26	Casing	FC-200	1	
27	Impeller	FC-200	1	
36	Flange	FC-200	1	
39	Radial cutter	440C	1	
40	Cutter ring	440C	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing (1 set)		1	
55	Oil plug	SUS304	1	