

INPUT SHAFT

KEY : 22H9/k8
KEY SEAT : 22P9/h8

DATE : 2018.03.12

FOR APPROVAL

[DETAIL OF INPUT SHAFT]

66	OIL LEVEL GAUGE	PUR-	EA	1			<SH-C-65>
65	HEX' BOLTS/W	10.9	SET	12			M6x20L
64	SPACER	SS400	EA	1			
63	SPACER	FC300	EA	1			CL105-70
62	HEX' BOLT	10.9	EA	2			M12x30L

TOOTH OF FORM MODULE(NORMAL)	1 STAGE		2 STAGE		3 STAGE	
	PINION	GEAR	PINION	GEAR	PINION	GEAR
SPIRAL BEVEL	8,0					
SINGLE HELICAL			6,5			
SINGLE HELICAL				12		
PRESSURE ANGLE	20°					
NUMBER OF TEETH	17T	59T	20T	95T	17T	73T
HELIX ANGLE	35°		12,5°		11,5°	
HAND OF HELIX	LEFT	RIGHT	LEFT	RIGHT	RIGHT	LEFT
OPERATING P.C.D	136,000	472,000	133,913	636,087	209,667	900,333
MATERIAL	SCM420H					
HEAT TREATMENT	CASE CARBURIZING					
HARDNESS(HS)	78 - 85					
FACE WIDTH	75	75	105	100	215	210
CENTER DISTANCE	385 H7					
CLASS	JIS 2					

REDUCER SPECIFICATION

- 1. MOTOR POWER : 185 kW
- 2. INPUT SPEED : 1000 r.p.m
- 3. OUTPUT SPEED : 14.127 r.p.m
- 4. TOTAL RATIO : 1/71 (ACTUAL:1/70.79)
- 5. OUTPUT TORQUE : (Rated) 12,755.6 kg-m (Max.) 19,133.4 kg-m
- 6. TOTAL WEIGHT : 4,010 kg (APPROX)
- 7. OIL CAPACITY : 270 liter (ISO VG #220)
- 8. QUANTITY : 4 SET <1/2 SET symmetry>
- 9. PAINT : PRIMER COAT : Epoxy Primer : EP170(80 m) INTERMEDIATE COAT : Epoxy M.I.O(110 m) FINISH COAT : Urethane : 2.5G 6/2(50 m)x

61	END STOP PLATE	SS400	SET	1			EP-110
60	TAPER PIN	S45C-N	EA	2			φ20x30L
59	GREASE RELIEF NIPPLE	PUR-	EA	1			PT 1/4"
58	GREASE NIPPLE	PUR-	EA	1			PT 1/4"
57	SET SCREW	10.9	EA	1			M8x15L
56	HEX' BOLTS/W	10.9	SET	6			M6x15L
55	HEX' BOLT,NUT,S/W	10.9	SET	6			M6x20L
54	HEX' BOLTS,S/W	10.9	SET	28			M10x25L
53	HEX' BOLTS,S/W	10.9	SET	6			M12x35L
52	HEX' BOLTS,S/W	10.9	SET	12			M12x35L
51	HEX' BOLTS,S/W	10.9	SET	8			M14x70L-40S
50	HEX' BOLTS,S/W	10.9	SET	12			M16x45L
49	HEX' BOLTS,S/W	10.9	SET	20			M20x60L
48	HEX' BOLT,NUT,S/W	10.9	SET	6			M24x100L-50S
47	STUD BOLT(Q.T), 4NUT(TYPE-2)	SCM440	SET	2			M42x560L-2x120S
46	STUD BOLT(Q.T), 4NUT(TYPE-2)	SCM440	SET	8			M42x560L-2x120S
45	OIL DIP STICK,M-N/P,E/B	PUR-	SET	1			PT 1/2"
44	DRAIN VALVE,M-N/P,MAGNET PLUG	PUR-	SET	1			PT 1-1/2"
43	AIR BREATHER (STAINLESS)	PUR-	EA	1			PT 1-1/2"
42	SHRINK DISK	PUR-	SET	1			φ320xφ520
41	OIL SEAL (NOK)	PUR-	EA	2			(TB)φ320xφ360x20B
40	OIL SEAL (NOK)	PUR-	EA	2			(TC)φ90xφ120x13B
39	LOCK NUT, WASHER	PUR-	SET	1			AN19, AW19
38	BEARING	PUR-	EA	2			#23064
37	BEARING	PUR-	EA	2			#23234
36	BEARING	PUR-	EA	2			#23220
35	BEARING	PUR-	EA	1			#21319-C3
34	BEARING	PUR-	EA	2			#30319
33	INSPECTION COVER(CLOSED), PACKING (2)	SS400	SET	2			(SS)
32	PARALLEL KEY	SCM440	EA	2			70x36x208L(SO)
31	PARALLEL KEY	SCM440	EA	2			45x25x97L(SO)
30	PARALLEL KEY	SCM440	EA	1			32x18x93L(SO)
29	PARALLEL KEY	SCM440	EA	1			10x8x25L(SO)
28	PARALLEL KEY	SCM440	EA	1			22x14x130L(SO)
27	COLLAR	SS400	EA	2			
26	COLLAR	FC300	EA	1			CL200-20
25	SEAL COLLAR	SS400	EA	1			
24	SPACER	SS400	EA	1			
23	SPACER	SS400	EA	1			
22	SPACER	SS400	EA	1			
21	SPACER	FC300	EA	1			CL115-205.5
20	SPACER	FC300	EA	1			CL115-15
19	AIR BREATHER COVER	SS400	EA	1			
18	SEAL COVER	SS400	EA	2			
17	DISC COVER	SS400	SET	1			
16	COOLING FAN	SS400	EA	1			
15	FAN COVER	SS400	SET	1			
14	BEARING COVER	SS400	EA	2			
13	BEARING COVER	SS400	EA	2			
12	BEARING COVER	SS400	EA	2			
11	BEARING COVER	SS400	EA	1			
10	SHIM PLATE	SS400	EA	1			
9	BEARING HOUSING	SS400	EA	1			
8	OUTPUT SHAFT (HOLLOW)	SCM440	EA	1			
7	3RD GEAR	SCM420H	EA	1			
6	3RD PINION SHAFT	SCM420H	EA	1			
5	2ND GEAR	SCM420H	EA	1			
4	2ND PINION SHAFT	SCM420H	EA	1			
3	1ST BEVEL GEAR	SCM420H	EA	1			
2	INPUT BEVEL PINION SHAFT	SCM420H	EA	1			
1	GEAR CASE	SS400	SET	1			

<BK1BA88> (CLASS:714-201)

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