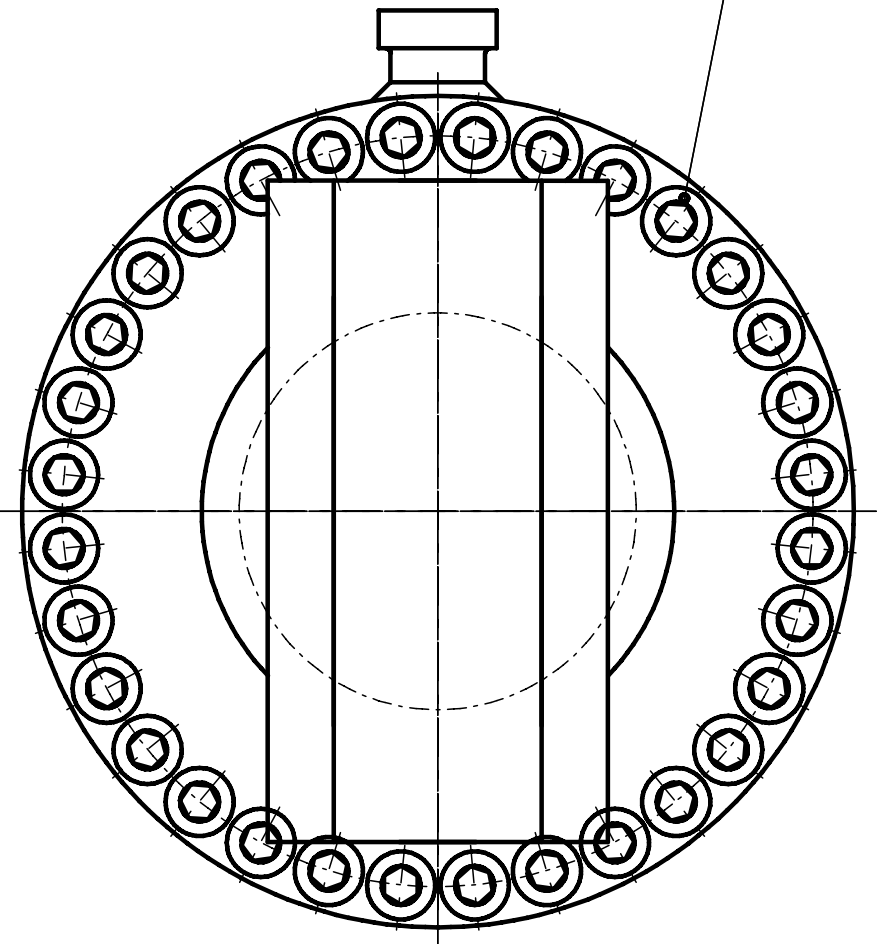
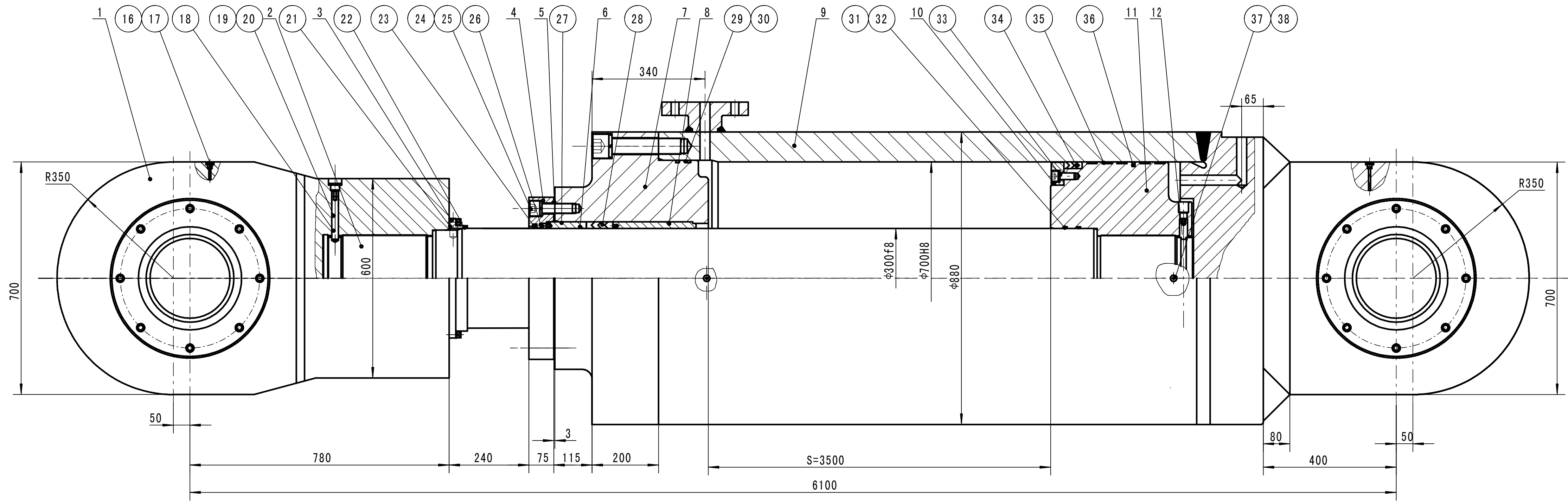
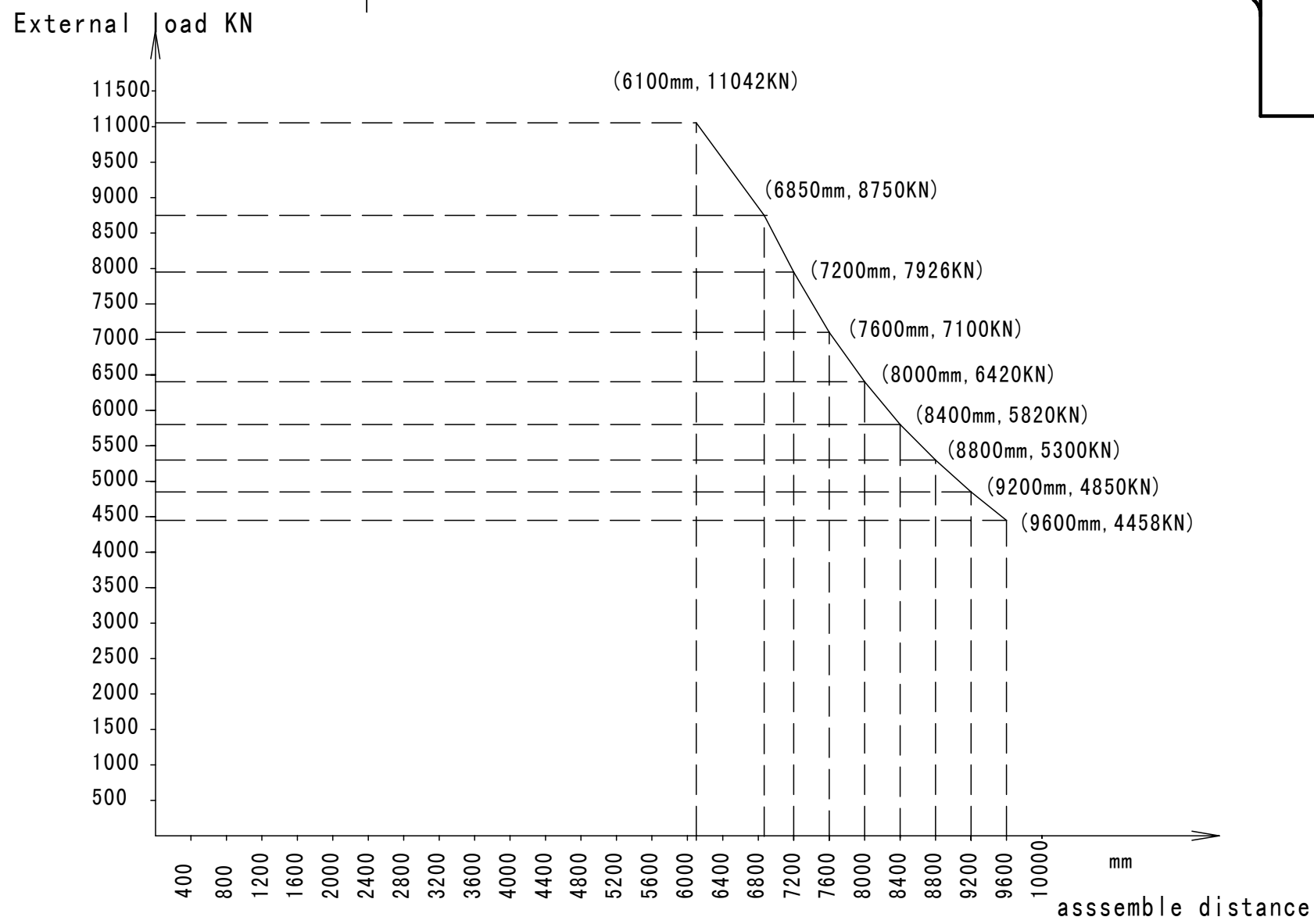
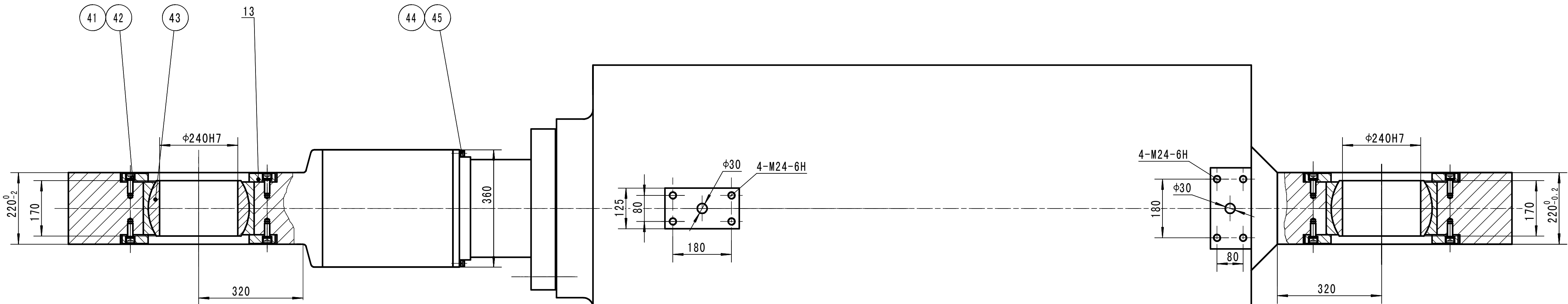




Technical specifications

bore	700mm
rod	300mm
stroke	3500mm
max. pushing force	8750KN
max. pulling force	8750KN
nominal pressure	300bar
testing pressure	450bar
working medium	hydraulic oil
Piston rod surface processing	Plating Semi-Opaque Chrome0.04-0.05mm Plating hard chrome 0.04-0.05mm

- Technical requirement:
- Clean before assembly. (Screw of No.10 plate de-burr)
 - When assembly, No.12, 33 using LETA glue anti-loose.
 - No.39 control pretension, force moment 3800NM.
 - When assemble No.18 cylindrical plug matches locking hole on piston rod.
 - Nominal pressure 300bar.
 - The acceptance standard for the cylinders is GB/T13342-1992 "Specification for marine reciprocating hydraulic cylinder"
 - Before delivery, testing pressure is 450bar, pressure maintaining 10min, all the cylinders should be tested for leakage and no component is deformed.
 - After testing, grease nipples should be packed.
 - Before painting carry out spray processing, Paint one layer strengthen abio-zinc primer, then painting brown general epoxy primer, surface painting black epoxy crylic acid semi-gloss paint.



49	GB3452.1-92-96×1.8	0 ring	2	NBR (A70)			delivery component
48	GB/T5781-M24×30	outer hex bolts	8	4.8 level			delivery component
47	GB/T70.1-M24×80	hexagonal socket head cylindrical screw	8	8.8 level			testing component
46	GB3452.1-92-34.5×3.55	0 ring	2	NBR (A90)			testing component
45	GB/T93-12	spring washer	6	65Mn			
44	GB/T70.1-M12×40	hexagonal socket head cylindrical screw	6	A2-70			
43	GBW240-XSHFZB053-2RS	joint bearing	2	component		Dalian SANHUA	
42	GB/T93-16	spring washer	32	65Mn			
41	GB/T70.1-M16×40	hexagonal socket head cylindrical screw	32	A2-70			
40	GB/T93-48	spring washer	32	65Mn			
39	GB/T70.1-M48×210	hexagonal socket head cylindrical screw	32	42CrMo (12.9 level)			
38	JB/T1002-14	washer	2	T3			
37	JB/ZQ4444-M14X1.5	hexagonal socket plug	2	35			

36	OMK-MR-700x672x9.5	hole ring	1	PTFE+NBR			MERKEL
35	GST5930-D700	back-up ring	5	PTFE			BAOLITE
34	EK700-700x660x54.8	hole ring	1	component			MERKEL
33	GB/T70.1-M20×50	hexagonal socket head cylindrical screw	24	10.9 level			
32	ODQ311.2×300×2.5	shield ring for 0 ring	2	F-4			
31	GB3452.1-92-300×70	0 ring	2	NBR (A90)			
30	ODQ710×695.8×2.5	shield ring for 0 ring	1	F-4			
29	O-Ring-Φ 690x8.4	0 ring	2	NBR (A90)			MERKEL
28	ES300×340×80	axle ring	1	component			MERKEL
27	GB3452.1-92-325×5.3	0 ring	2	NBR (A90)			
26	T20-300×330×19	axle ring	1	PU			MERKEL
25	GB/T93-30	spring washer	12	65Mn			
24	GB/T70.1-M30×90	hexagonal socket head cylindrical screw	12	A2-70			
23	P6-300x325x12.7/23	dustproof cover	1	NBR			MERKEL
22	GB3452.1-92-300×5.3	0 ring	1	NBR (A90)			
21	GB3452.1-92-307×5.3	0 ring	1	NBR (A90)			
20	JB/T982-27	compound gasket	1	component			
19	JB/ZQ4444-M27x2	hexagonal socket head plug	1	stainless steel			
18	GB/T120.1-2010X160	internal thread cylindrical plug	1	2Cr13			
17	JB/T982-14	compound gasket	2	component			
16	JB/ZQ4444-G1/4	hexagonal socket head plug	2	35			

15	FY672-700/300H-3500-13	dustproof cover	2	Q235A				
14	FY672-700/300H-3500-12	testing flange	2	Q235A				
13	FY672-700/300H-3500-11	bearing cover	4	Q235A				
12	FY672-700/300H-3500-15	inner hex head cone locking screw	2	22H			张明和 张明	
11	FY672-700/300H-3500-10	piston	1	45				
10	FY672-700/300H-3500-14	plate	1	45				
9	FY672-700/300H-3500-09	vessel component	1	weld component				
8	FY672-700/300H-3500-08	guide sheath	1	ZCuAl10Fe3				
7	FY672-700/300H-3500-07	front plate	1	45				
6	FY672-700/300H-3500-06	guide sheath	1	ZCuAl10Fe3				
5	FY672-700/300H-3500-05	adjusting shim	3	Q235A				
4	FY672-700/300H-3500-04	gland bush	1	45				
3	FY672-700/300H-3500-03	plate	1	Q235A				
2	FY672-700/300H-3500-02	piston rod	1	42CrMo				
1	FY672-700/300H-3500-01	end eyes	1	45				

序号	代号	名称	数量	材料	单重 (公斤)	总重	备注
Assemble drawing							JW HYDRAULIC LIMITED
E-document							Hydraulic cylinder for marine
State mark							Scale
1:8							
Total pages							Page