G-type	q	f	p	$|Z(G)|$	$|W|$
A_r	1	$r+1$	0	$r+1$	$(r+1)!$
B_r	2	2	r	2	$2^r r!$
C_r	2^{r-1}	2	$r(r-1)$	2	$2^r r!$
D_r	1	4	0	4	$2^{r-1} r!$