

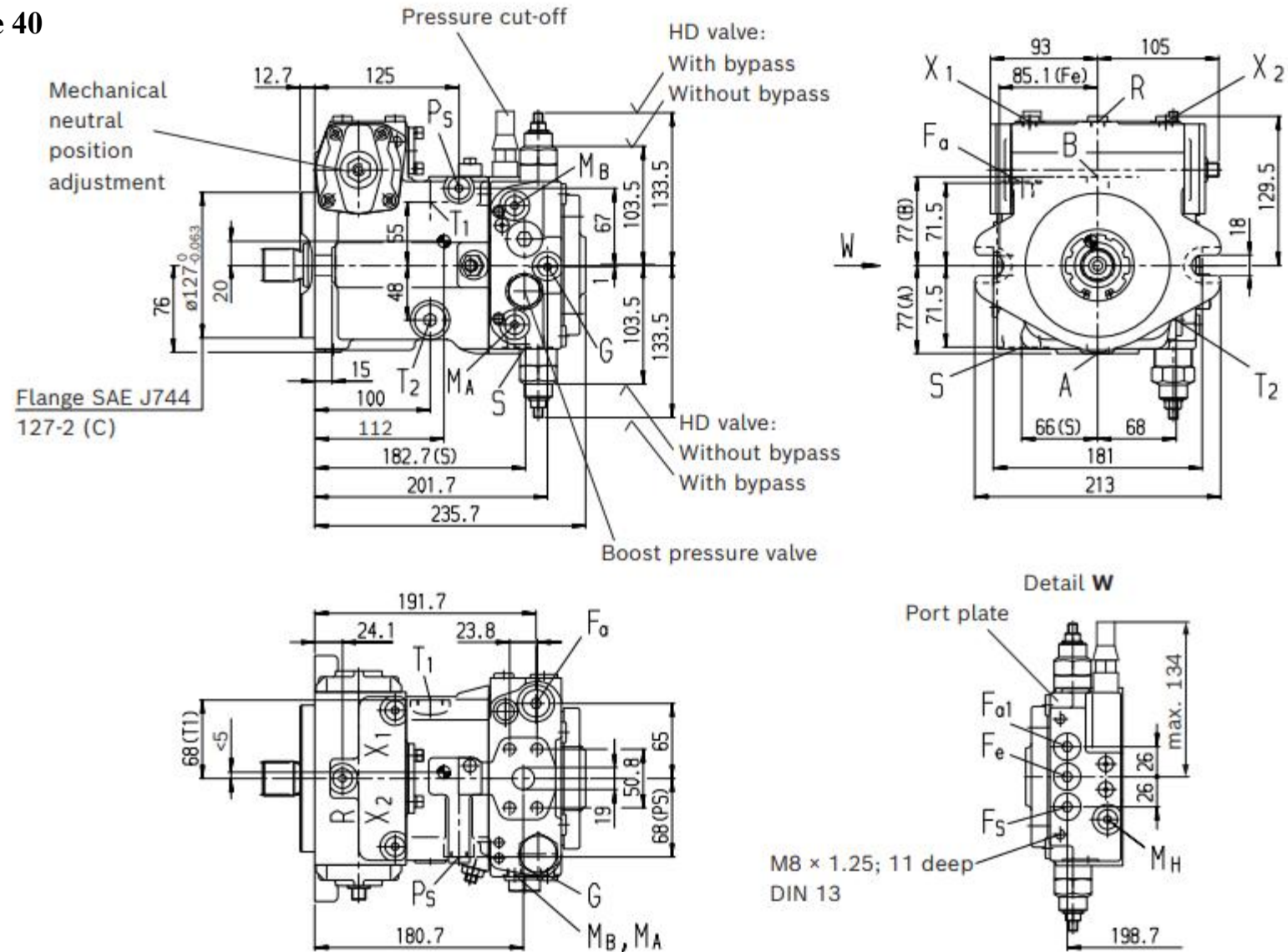
A4VG serie 32

Technical data

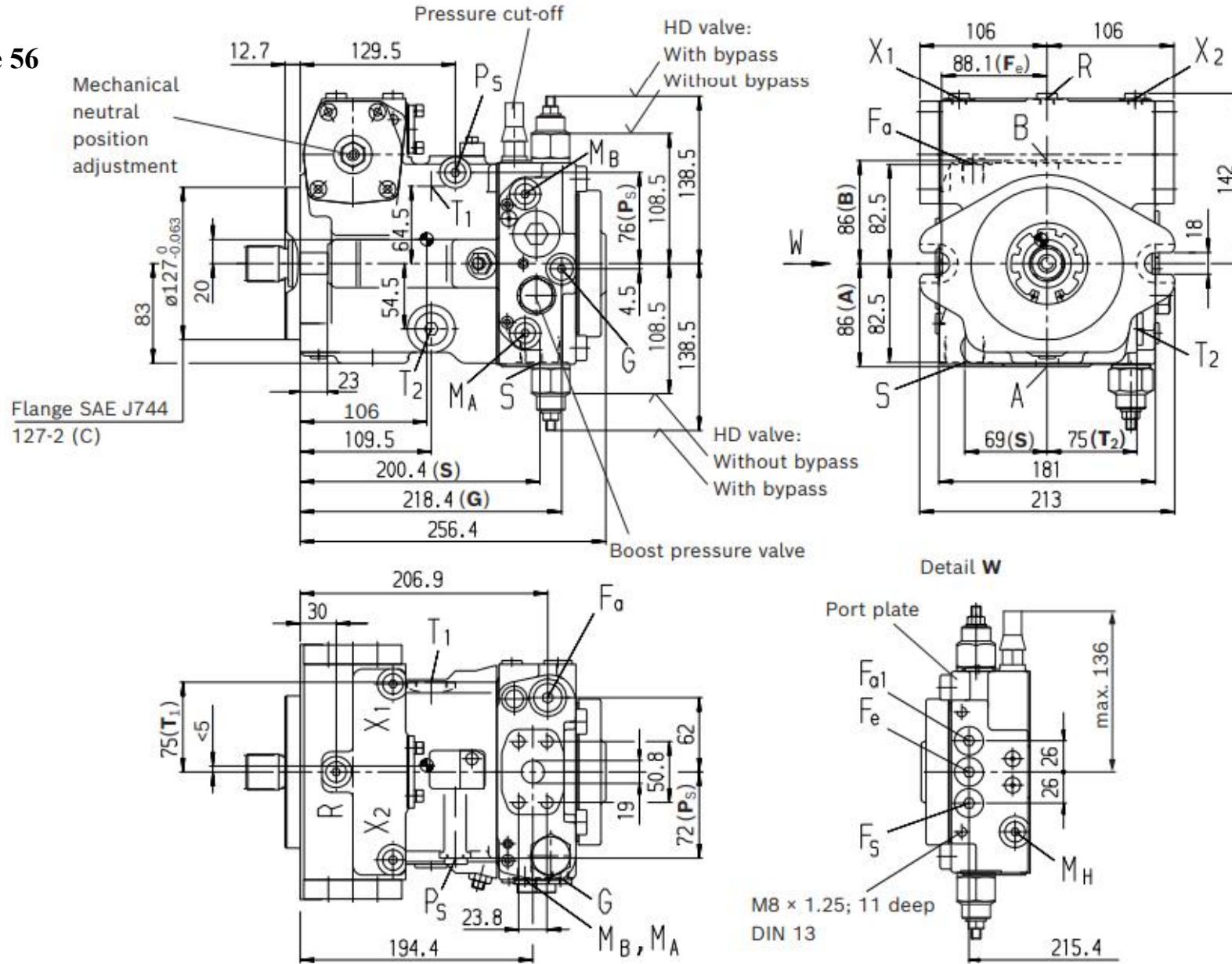
Size	NG		28	40	56	71	90	125	180
Geometric displacement, per revolution									
variable pump	$V_{g \max}$	cm ³	28	40	56	71	90	125	180
boost pump (at $p = 20$ bar)	$V_{g Sp}$	cm ³	6.1	8.6	11.6	19.6	19.6	28.3	39.8
Rotational speed ¹⁾									
maximum at $V_{g \max}$	n_{nom}	rpm	4250	4000	3600	3300	3050	2850	2500
limited maximum ²⁾	n_{max1}	rpm	4500	4200	3900	3600	3300	3250	2900
intermittent maximum ³⁾	n_{max2}	rpm	5000	5000	4500	4100	3800	3450	3000
minimum	n_{min}	rpm	500	500	500	500	500	500	500
Flow									
at n_{nom} and $V_{g \max}$	q_v	l/min	119	160	202	234	275	356	450
Power ⁴⁾									
at n_{nom} , $V_{g \max}$ and $\Delta p = 400$ bar	P	kW	79	107	134	156	183	238	300
Torque ⁴⁾									
with $V_{g \max}$ and $\Delta p = 400$ bar	M	Nm	178	255	357	452	573	796	1146
$\Delta p = 100$ bar	M	Nm	45	64	89	113	143	199	286
Rotary stiffness of drive shaft									
S	c	kNm/rad	31.4	69	80.8	98.8	158.1	218.3	244.5
T	c	kNm/rad	–	–	95	120.9	–	252.1	318.4
A	c	kNm/rad	–	79.6	95.8	142.4	176.8	256.5	–
Z	c	kNm/rad	32.8	67.5	78.8	122.8	137	223.7	319.6
U	c	kNm/rad	–	50.8	–	–	107.6	–	–
Moment of inertia of the rotary group	J_{TW}	kgm ²	0.0022	0.0038	0.0066	0.0097	0.0149	0.0232	0.0444
Maximum angular acceleration ⁵⁾	α	rad/s ²	38000	30000	24000	21000	18000	14000	11000
Case volume	V	l	0.9	1.1	1.5	1.3	1.5	2.1	3.1
Weight (without through drive) approx. ⁶⁾	m	kg	29	31	38	50	60	80	101



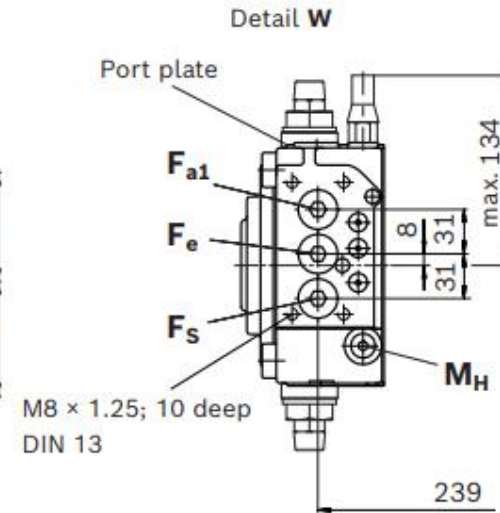
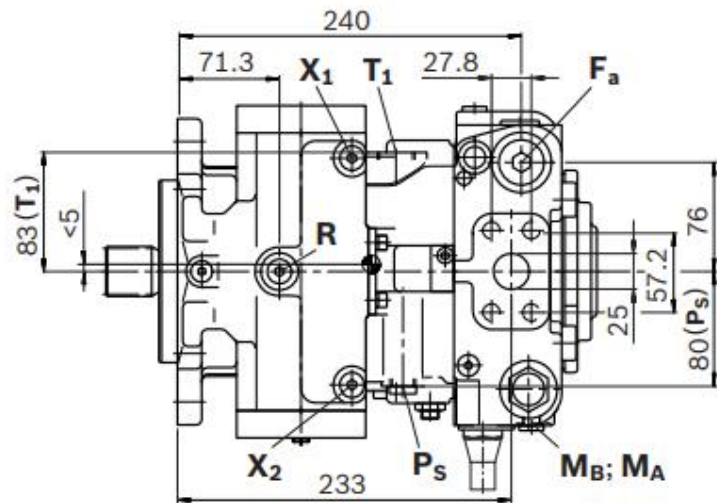
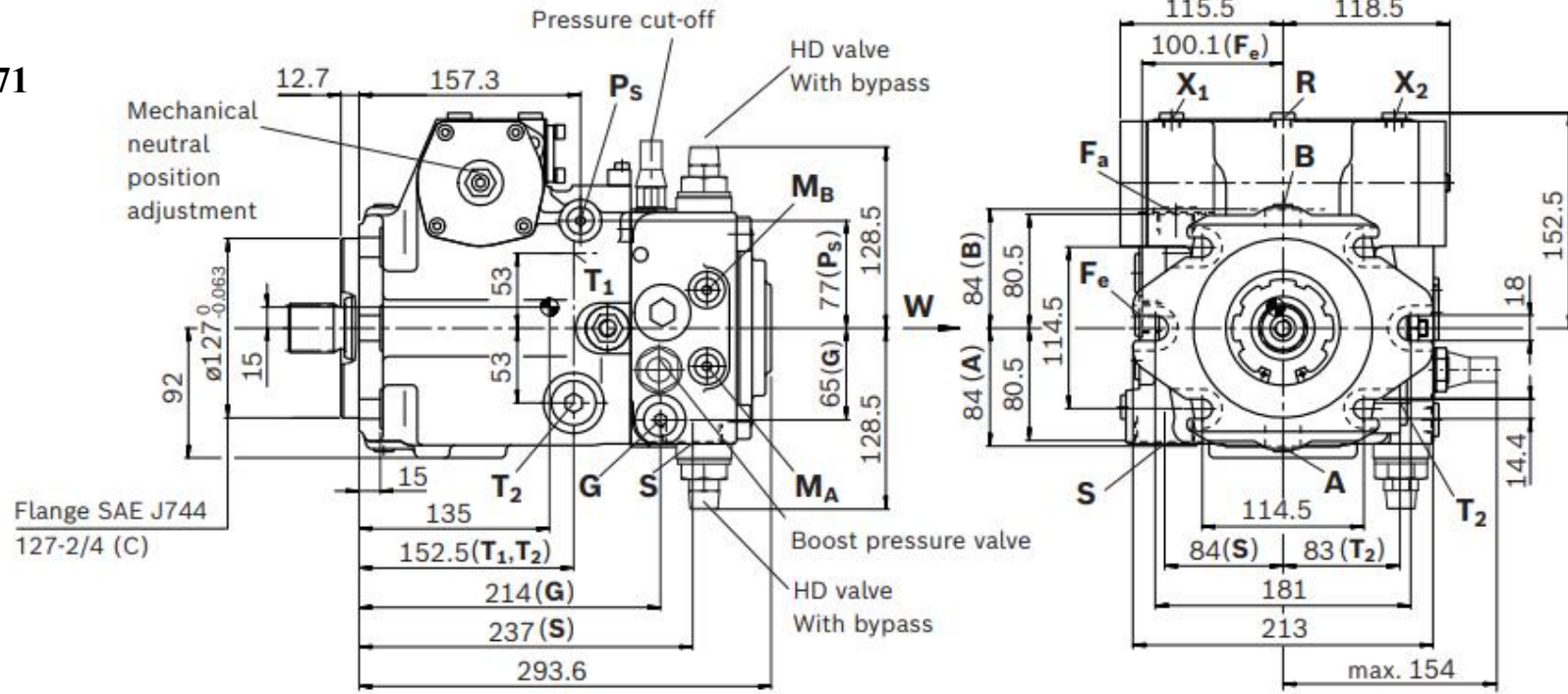
Dimensions, size 40



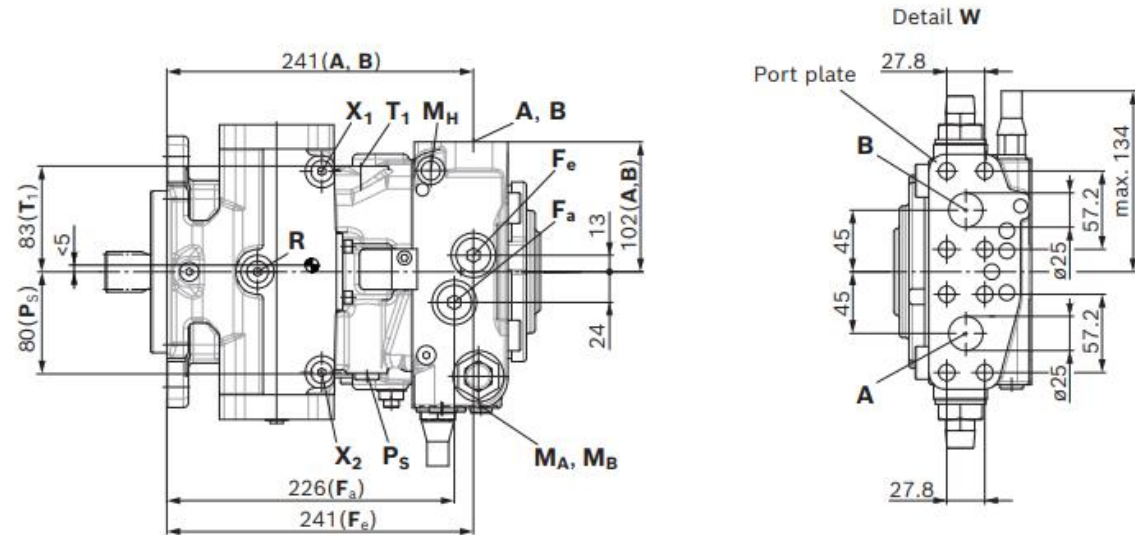
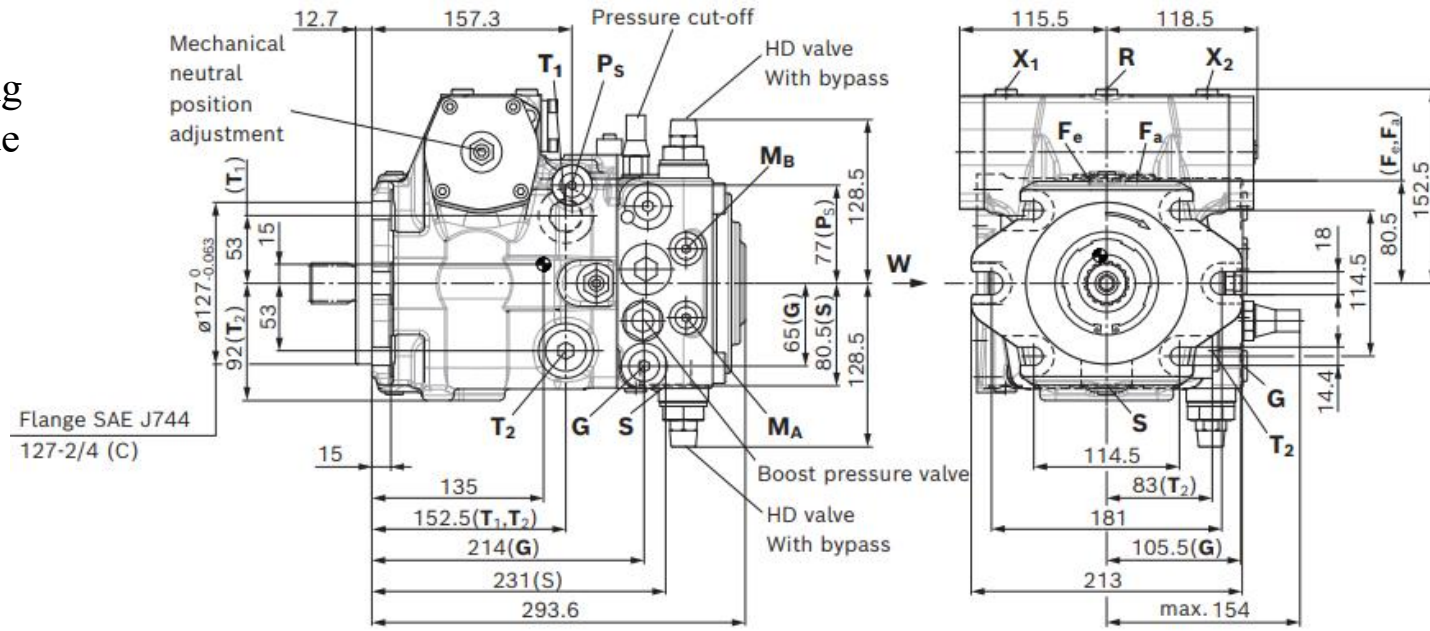
Dimensions, size 56



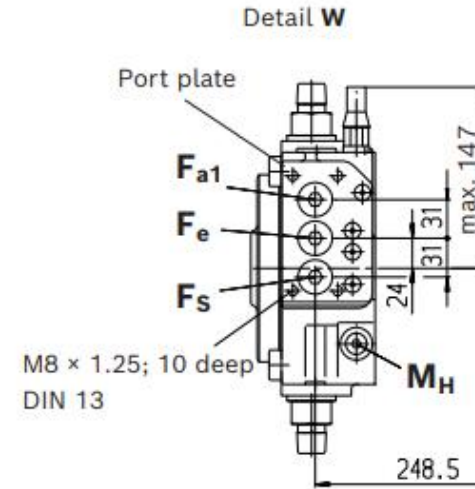
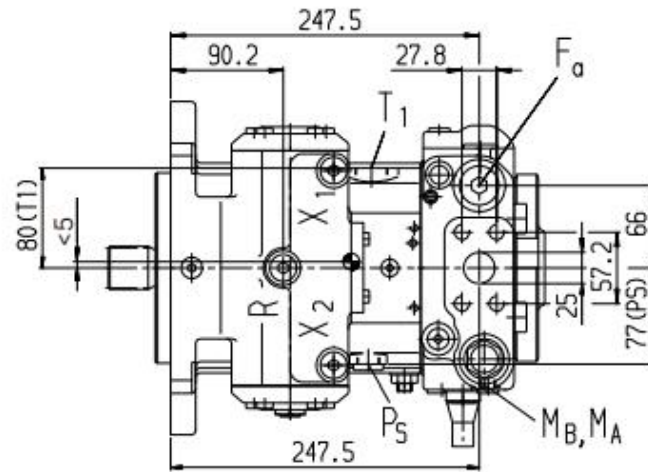
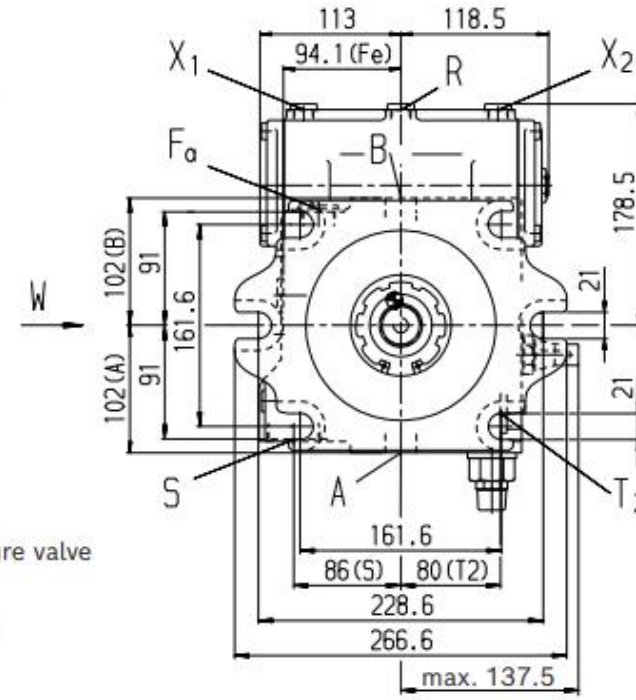
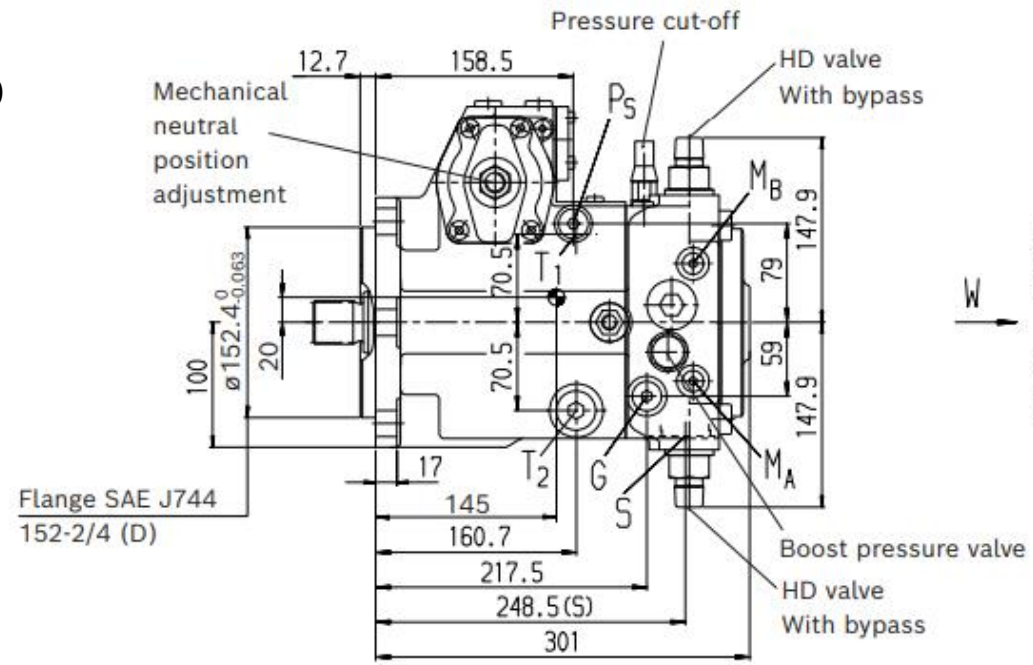
Dimensions, size 71



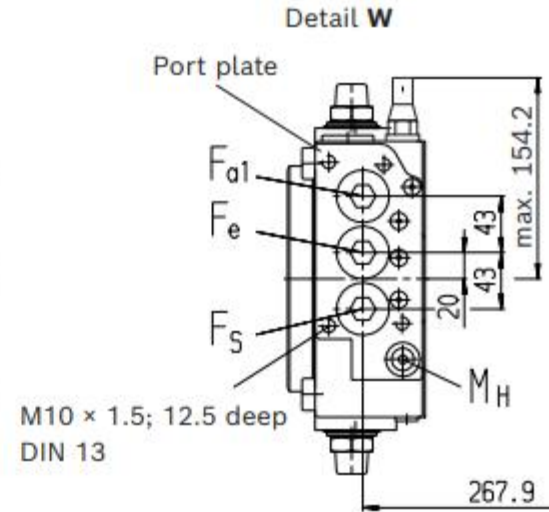
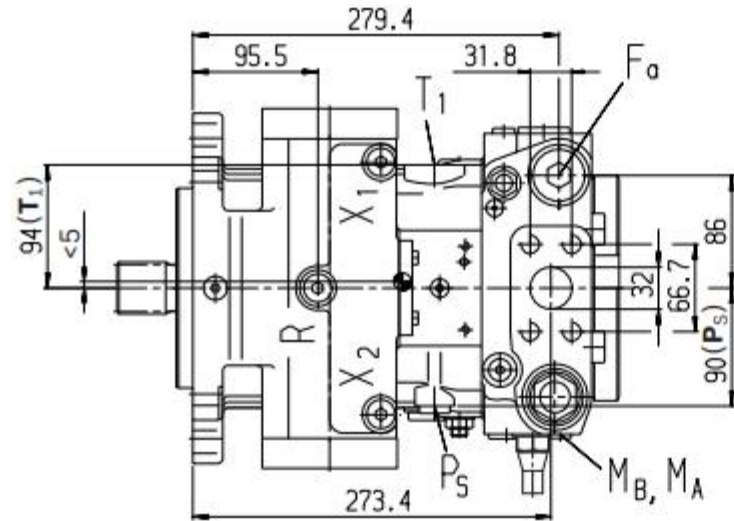
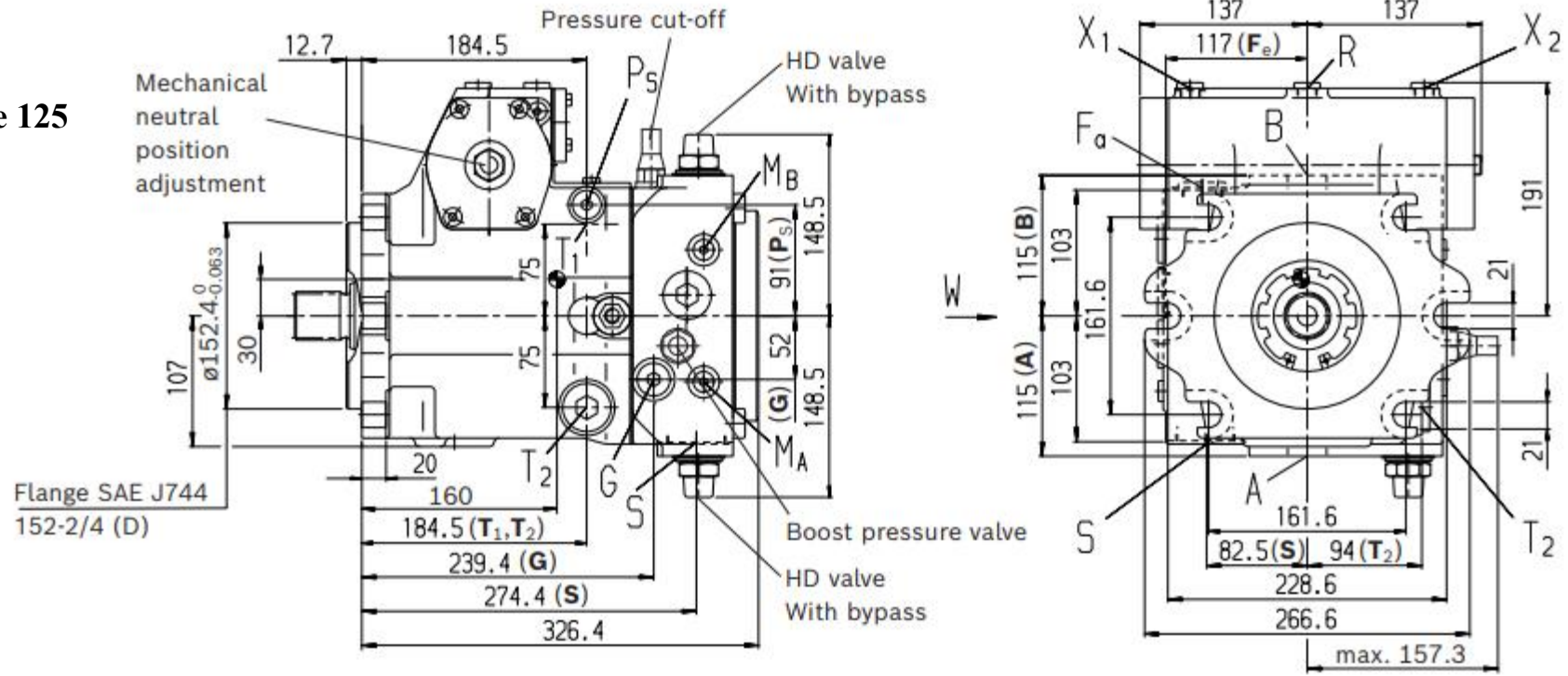
Standard: SAE working port A and B, same side left, suction port S bottom.



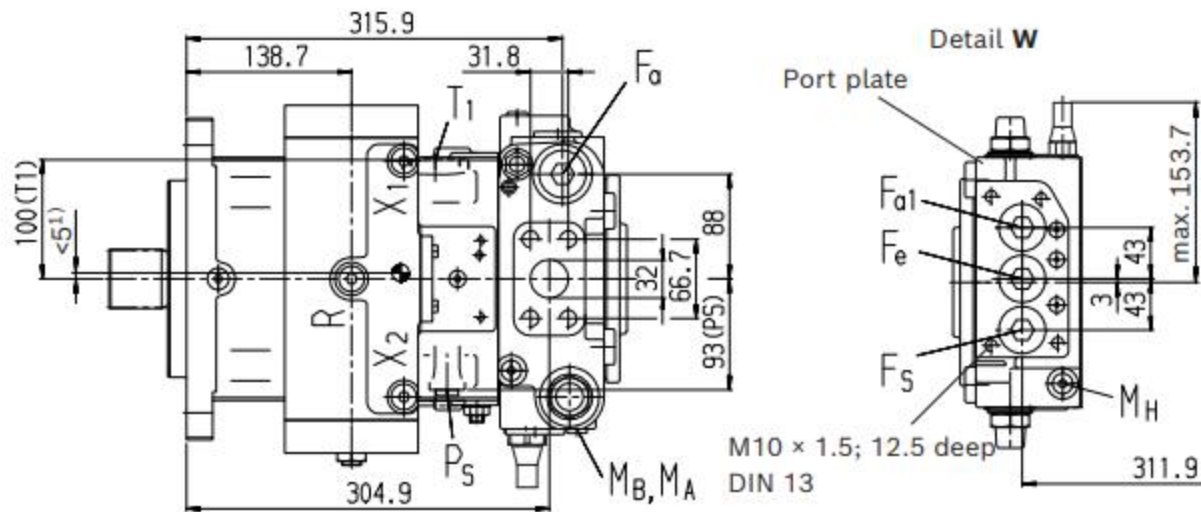
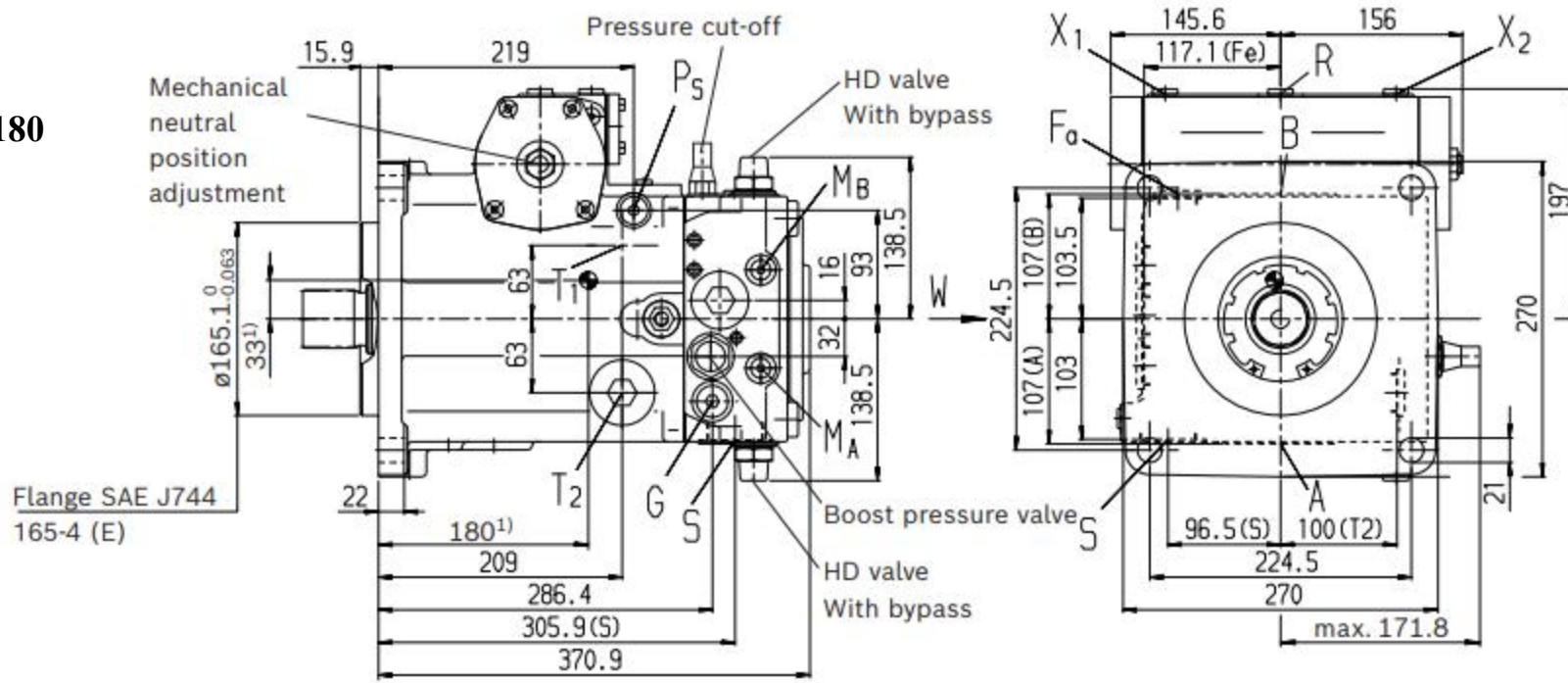
Dimensions, size 90



Dimensions, size 125



Dimensions, size 180



Примечания: Если Вам нужна более подробная информация, можете связаться с нами (например, структура и параметры размера отверстия для утечки масла (Dt); структура входа и выхода и параметры размера шестеренного насоса; требования к форме и параметрам и нтерфейса гнезда электромагнитного клапана, уровень защиты и т.д.)