

# Technical data

# A11V(L)O serie 1x

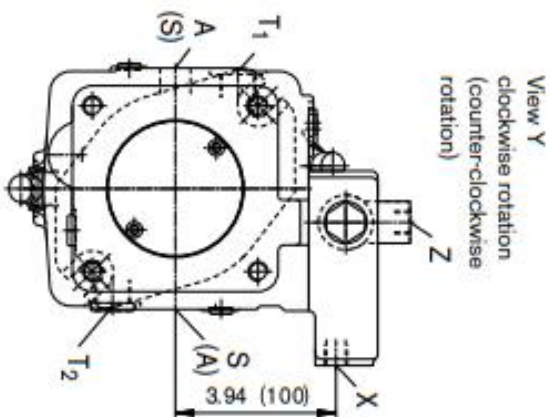
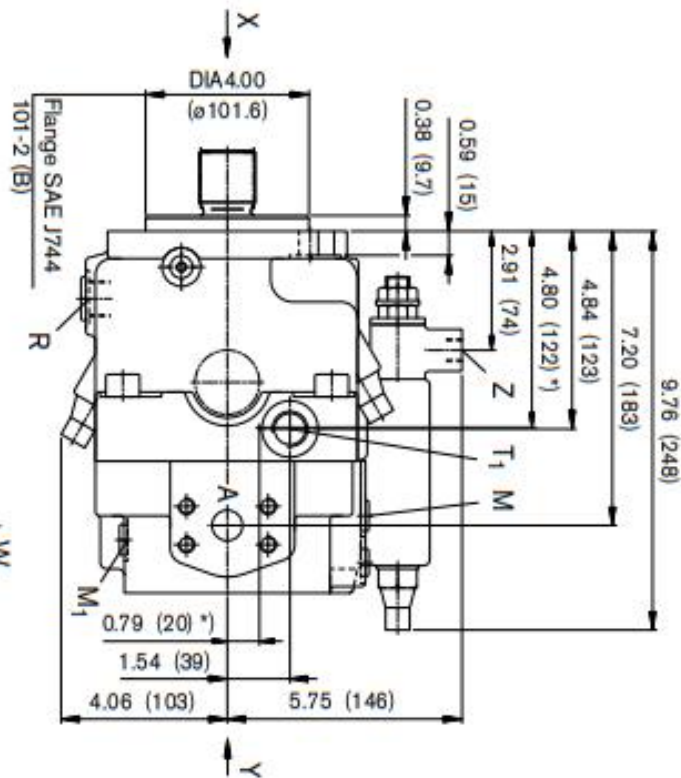
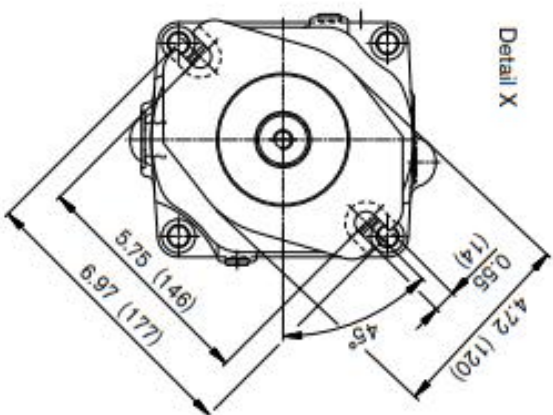
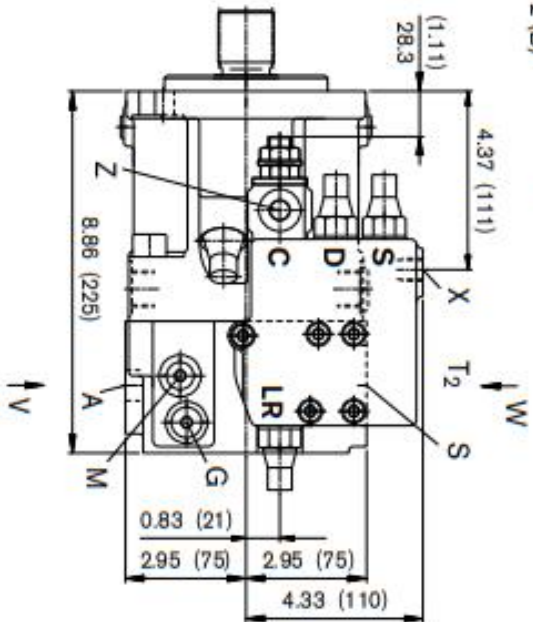
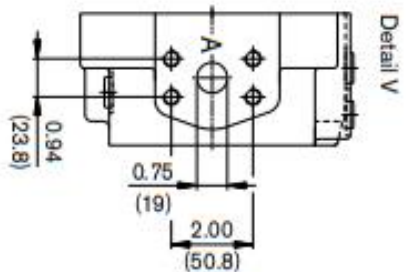
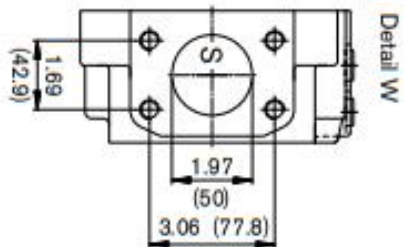
**Table of values** (theoretical values, without efficiency and tolerances; values rounded)

Size	AA11VO		40	60	75	95	130	145	190	260
Displacement	$V_{g \max}$	l <sup>3</sup> /rev.	2.56	3.57	4.52	5.71	7.93	8.84	11.78	15.87
		cm <sup>3</sup>	42	58.5	74	93.5	130	145	193	260
	$V_{g \min}$	cm <sup>3</sup>	0	0	0	0	0	0	0	0
Speed	$n_{\max}$	rpm	3000	2700	2550	2350	2100	2200	2100	1800
		maximum at $V_{g \max}^{1)}$	rpm	3500	3250	3000	2780	2500	2500	2100
	$n_{\max 1}$	rpm	3500	3250	3000	2780	2500	2500	2100	2300
Flow at $n_{\max}$ and $V_{g \max}$	$q_{v \max}$	gpm	33.3	41.7	49.9	58.1	72.1	84.3	107	123.6
		l/min	126	158	189	220	273	319	405	468
Power at $q_{v \max}$ and $\Delta p = 350$ bar	$P_{\max}$	hp	99.2	123.4	147.5	171.7	213.2	249.4	316.5	366.1
		kW	74	92	110	128	159	186	236	273
Torque at $V_{g \max}$ and $\Delta p = 350$ bar	$T_{\max}$	lb-ft	172.6	240.4	303.9	384.3	534	596	792.9	1068
		Nm	234	326	412	521	724	808	1075	1448
Rotary stiffness	P shaft	lb-ft/rad	64512	79574	105548	14883	230417	230417	282702	482244
		Nm/rad	87467	107888	143104	196435	312403	312403	383292	653835
	S shaft	lb-ft/rad	43035	63658	75173	128117	174700	174700	191599	259628
		Nm/rad	58347	86308	101921	173704	236861	236861	259773	352009
	T shaft	lb-ft/rad	54931	75556	92640	-	-	-	222691	418282
		Nm/rad	74476	102440	125603	-	-	-	301928	567115
Moment of inertia for rotary group	$J_{rw}$	lbs-ft <sup>2</sup>	0.1139	0.1946	0.2729	0.4105	0.7546	0.8092	1.3052	2.0835
		kgm <sup>2</sup>	0.0048	0.0082	0.0115	0.0173	0.0318	0.0341	0.055	0.0878
Angular acceleration, maxi- mum <sup>3)</sup>	$\alpha$	rad/s <sup>2</sup>	22000	17500	15000	13000	10500	9000	6800	4800
Filling capacity	$V$	gal	0.29	0.36	0.49	0.55	0.77	0.77	1.0	1.22
		L	1.1	1.35	1.85	2.1	2.9	2.9	3.8	4.6
Mass (approx.)	$m$	lbs	71	88	99	117	145	168	209	276
		kg	32	40	45	53	66	76	95	125



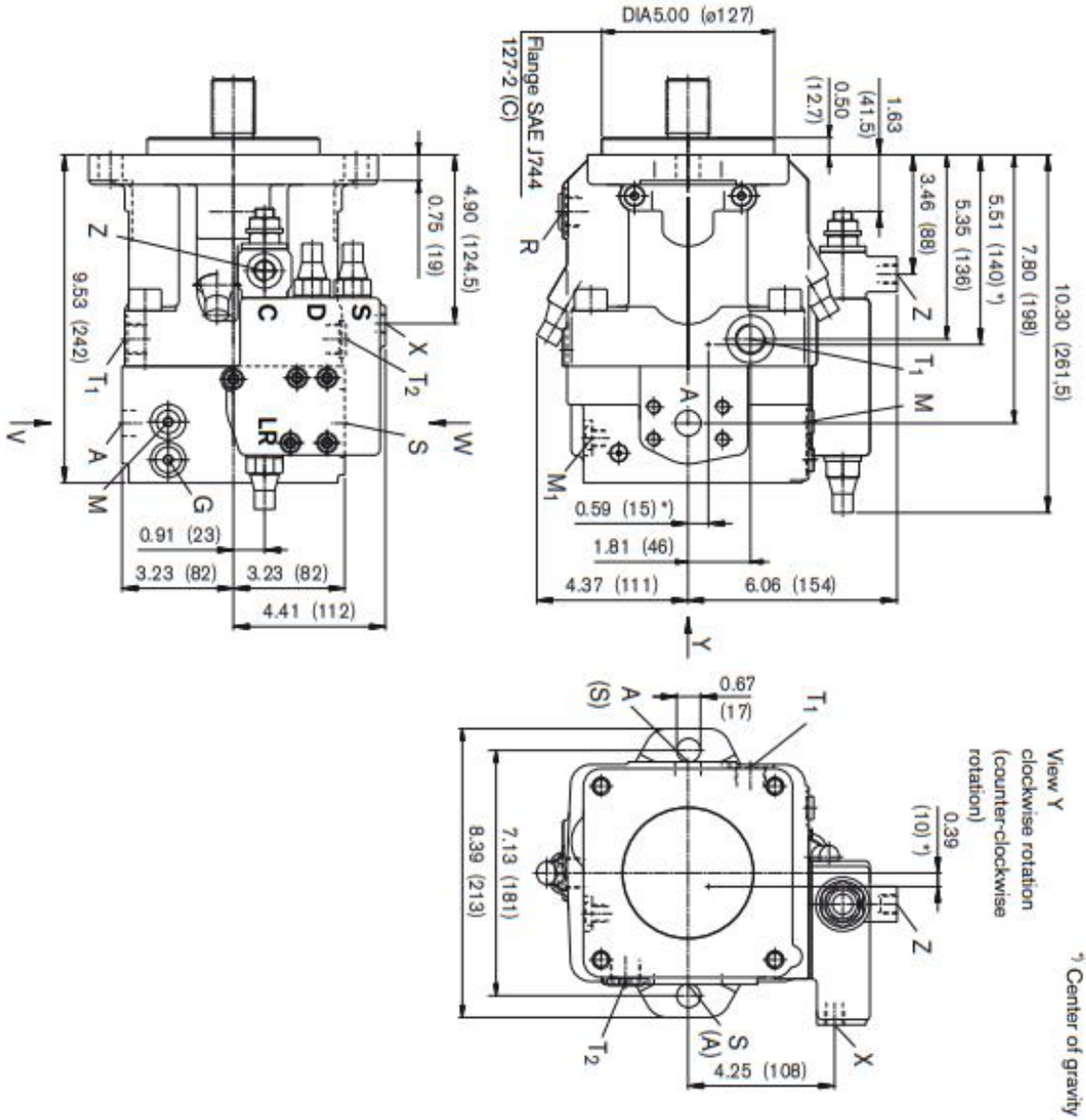
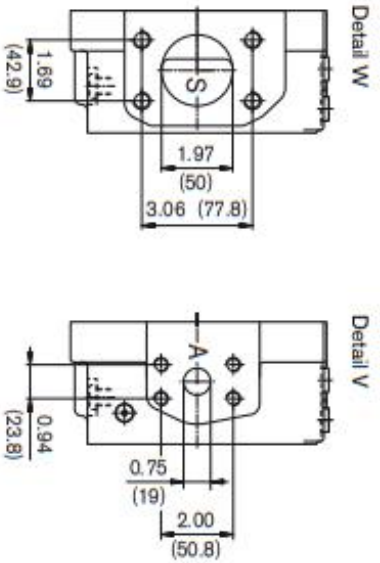
# Схема установки

Dimensions, size 40

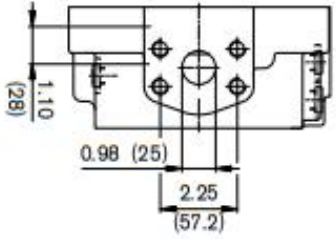
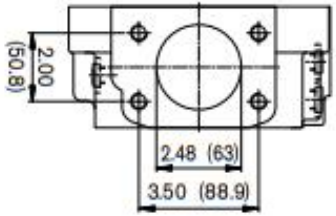


<sup>1</sup> Center of gravity

# Dimensions, size 60

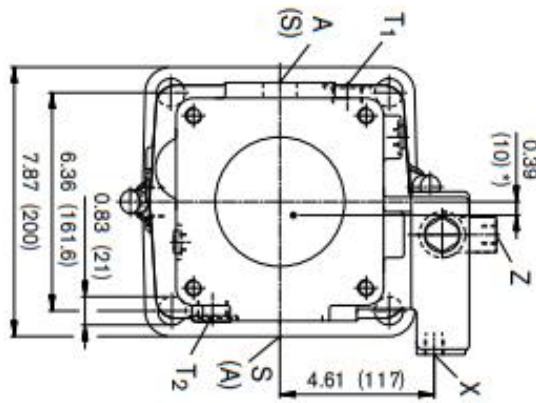
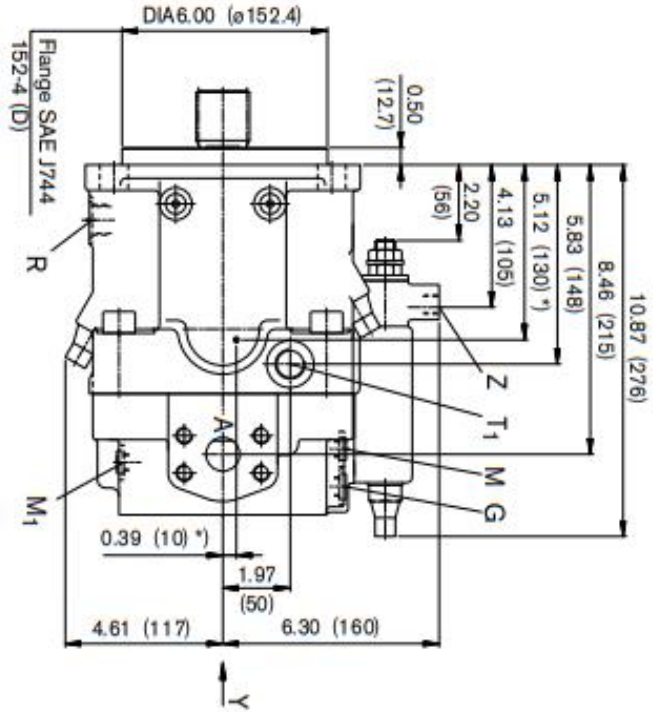
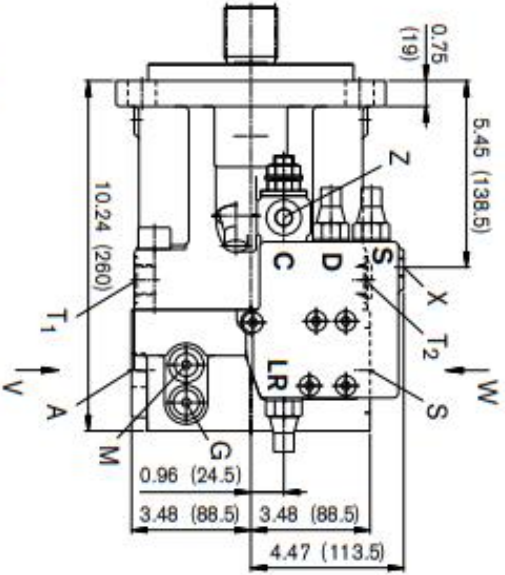


# Dimensions, size 75



Detail W

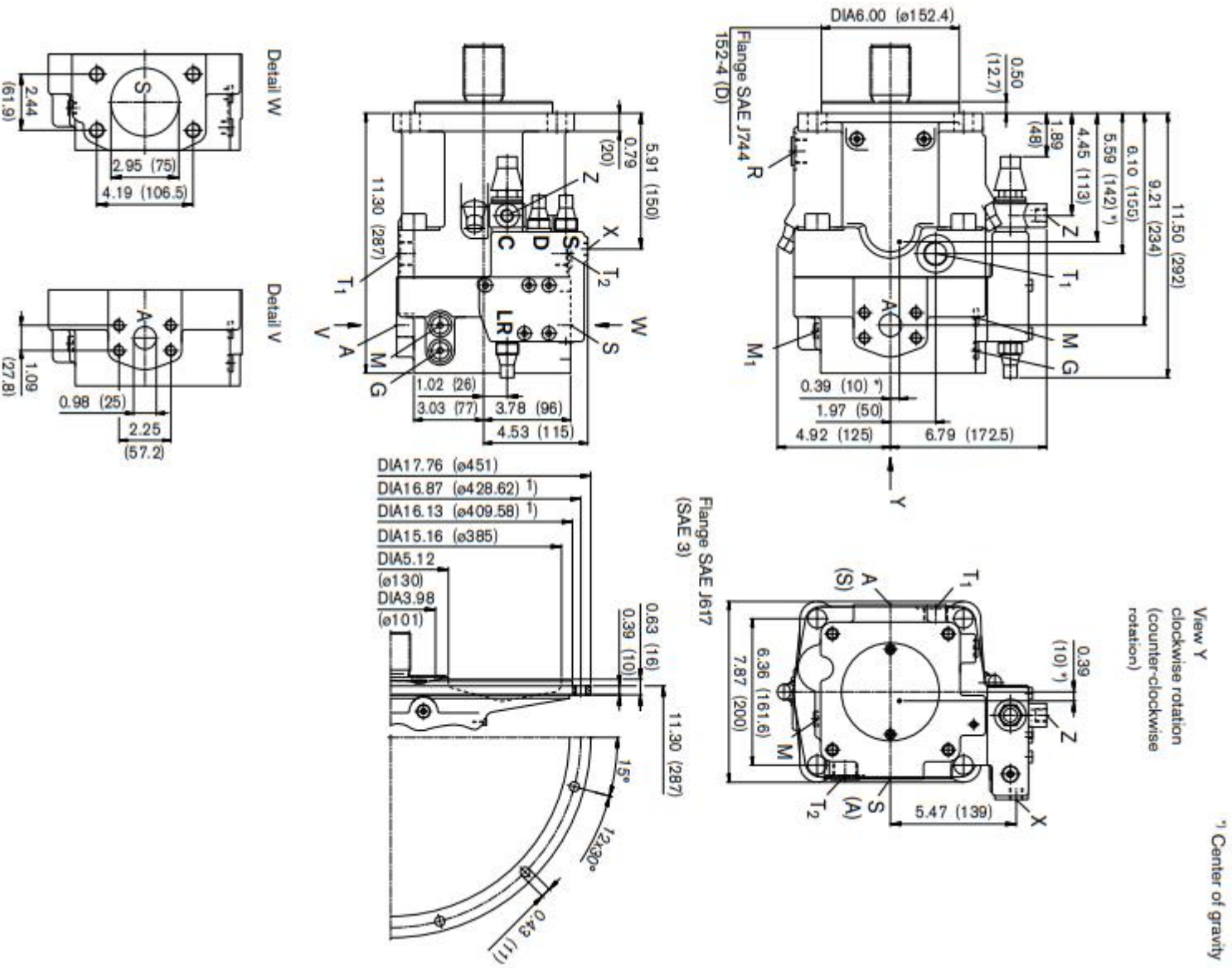
Detail V



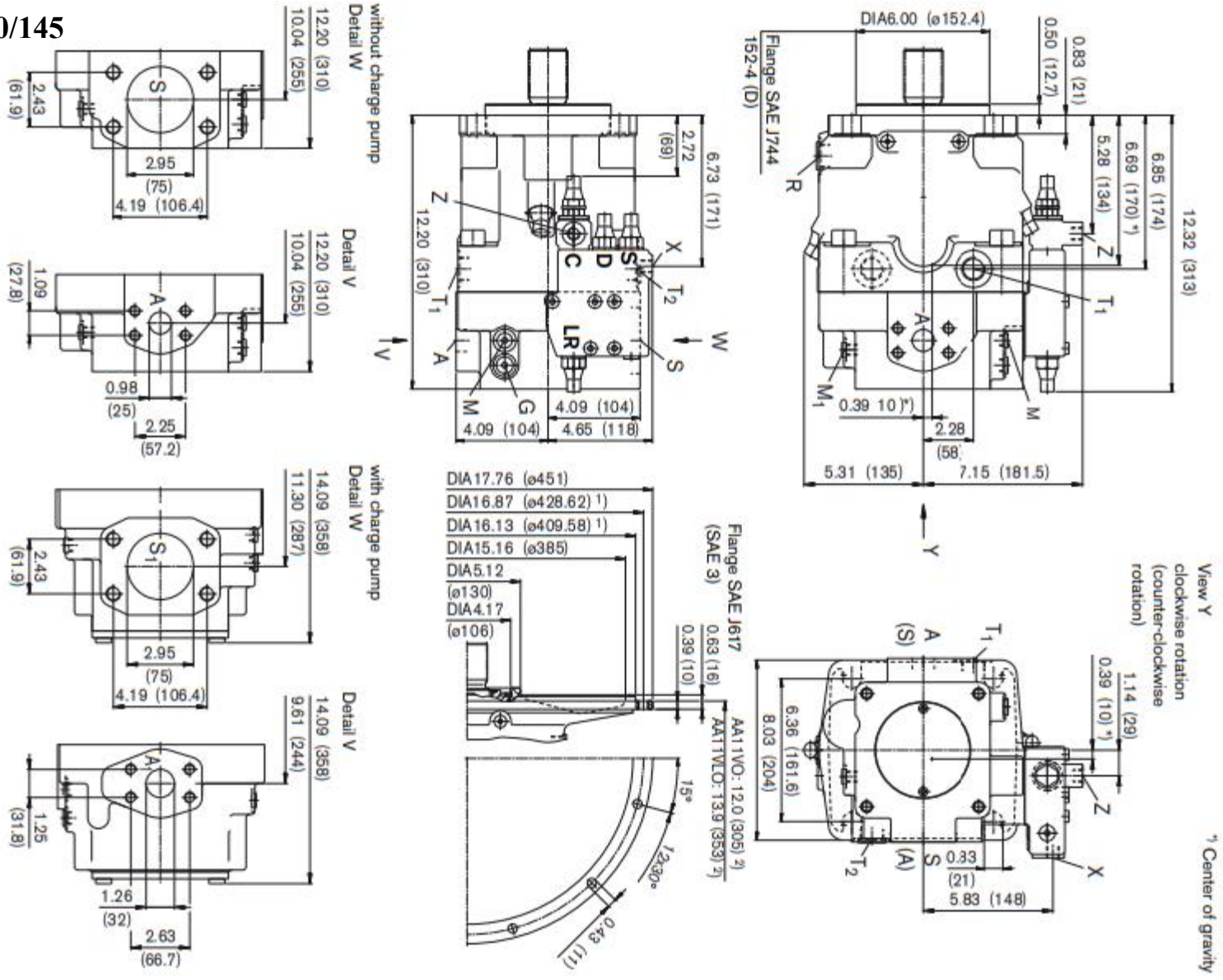
View Y  
clockwise rotation  
(counter-clockwise  
rotation)

\* Center of gravity

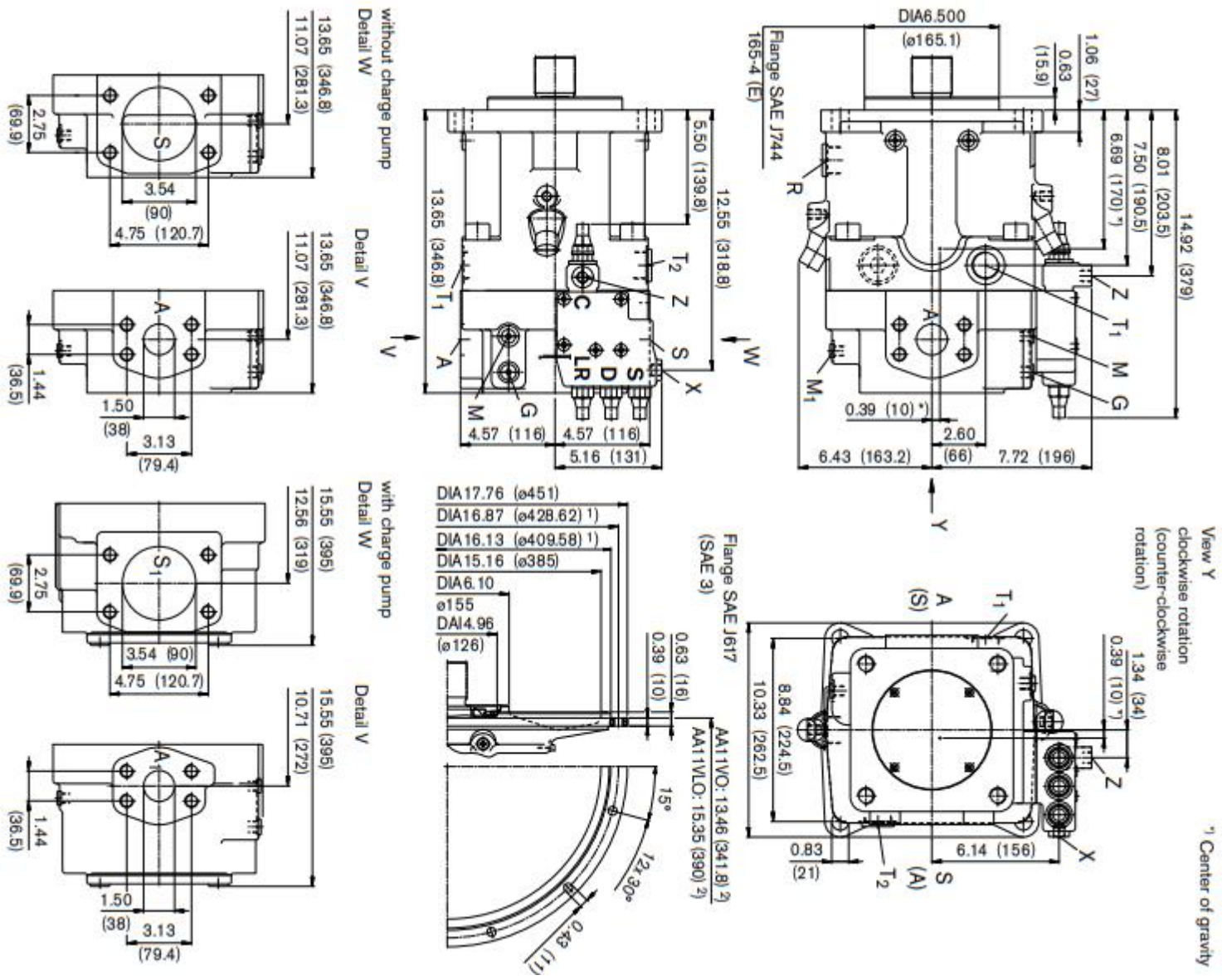
# Dimensions, size 95



# Dimensions, size 130/145

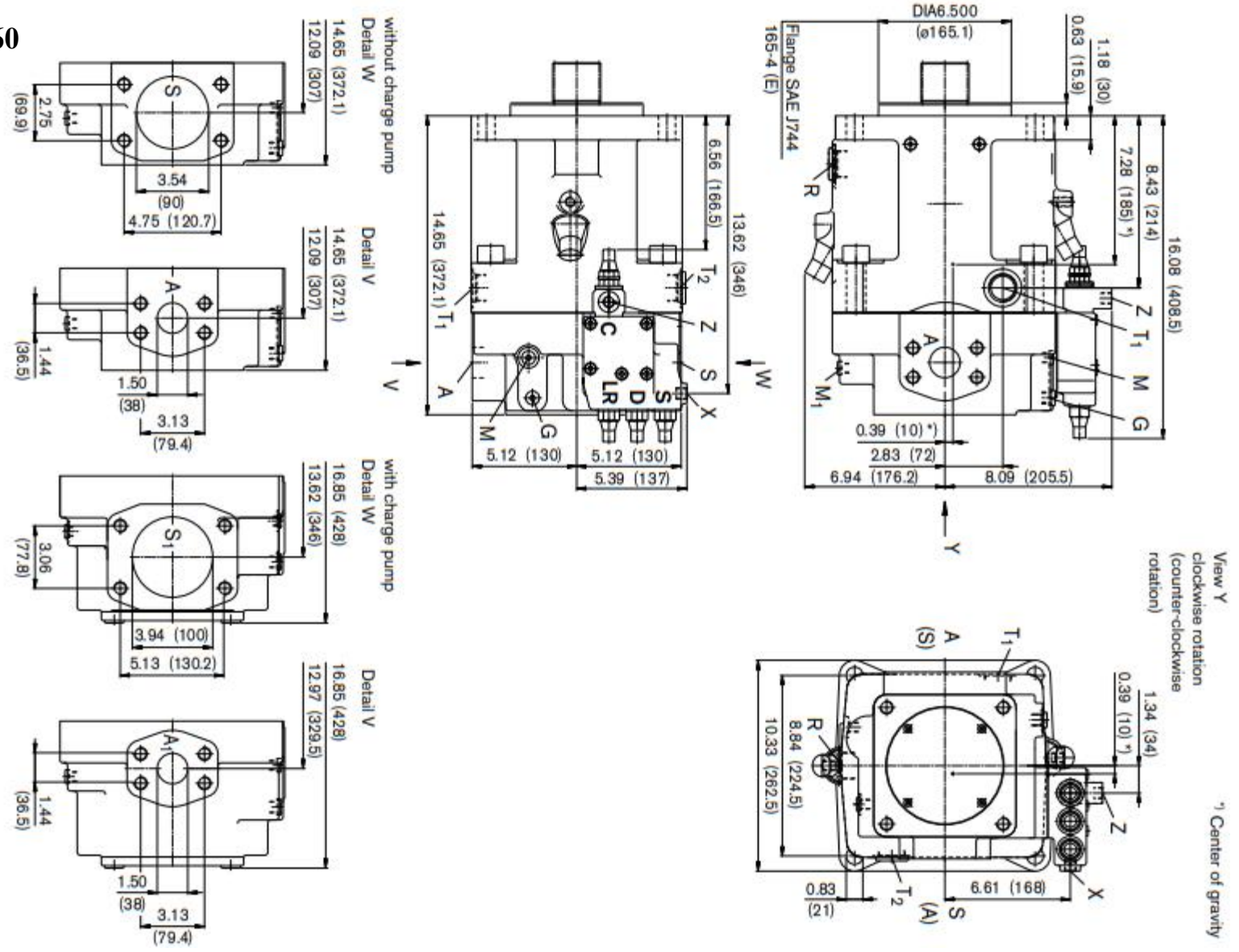


# Dimensions, size 190





# Dimensions, size 260



View Y  
clockwise rotation  
(counter-clockwise  
rotation)

\* Center of gravity

**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.)**