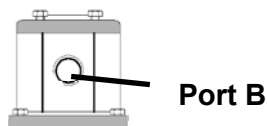
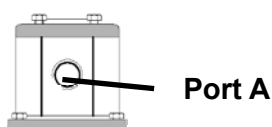
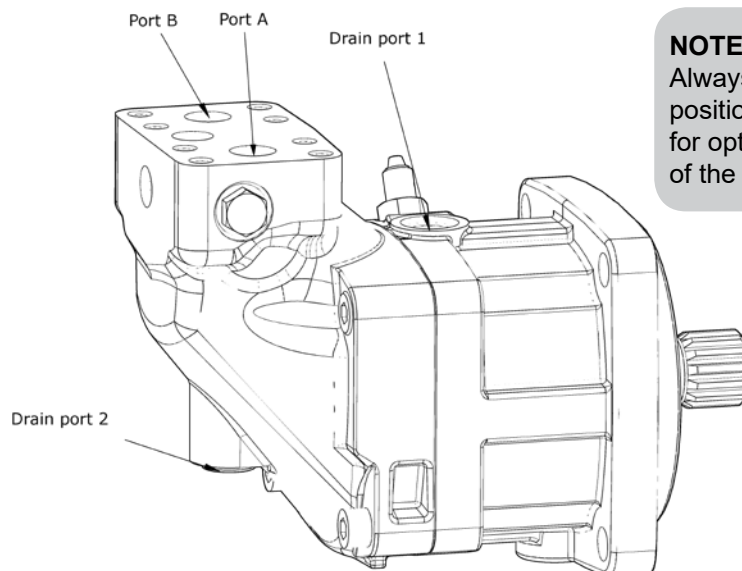


U-motor:



BA-motor:



NOTE!

Always use upper positioned drain port for optimal lubrication of the motor.

Motor type	Port A/B	Port flange threads	Drain port
U6	1/2" BSP	—	1/4" BSP
U8	1/2" BSP	—	1/4" BSP
U10	3/4" BSP	—	1/4" BSP
U11	3/4" BSP	—	1/4" BSP
U14	3/4" BSP	—	1/4" BSP
U16	3/4" BSP	—	1/4" BSP
U19	3/4" BSP	—	1/4" BSP
U26	3/4" BSP	—	1/4" BSP*
U29	3/4" BSP	—	1/4" BSP*
U33	3/4" BSP	—	1/4" BSP*
U37	3/4" BSP	—	1/4" BSP*
U37	3/4" BSP	—	1/4" BSP*
U50	1" BSP	—	1/4" BSP*
P42	1" 3000 PSI SAE J518/ ISO 6162 Code 61	3/8-16 UNC-2B, 22 deep	1/4" BSP*
P52	1 1/2" 3000 PSI SAE J518/ ISO 6162 Code 61	M12 x 1,75, 19 deep	1/4" BSP*
G45	1 1/4" BSP	—	1/4" BSP*
BA32	1/2" 6000 PSI SAE J518/ ISO 6162 Code 62	5/16-18 UNC-2B, 18 deep	3/4" UNF-16**
BA40	3/4" 6000 PSI SAE J518/ ISO 6162 Code 62	3/8-16 UNC-2B, 20 deep	3/4" UNF-16
BA45	3/4" 6000 PSI SAE J518/ ISO 6162 Code 62	3/8-16 UNC-2B, 21 deep	3/4" UNF-16
BA60	3/4" 6000 PSI SAE J518/ ISO 6162 Code 62	3/8-16 UNC-2B, 22 deep	7/8" UNF-16

* Drain port connector must not extend internally beyond 10,5mm from end face.

** Drain port 2 threads: 7/8" UNF-14.

Performance table

Thruster model	Motor type		60 %		80 %		100 %	
			Flow	Pressure	Flow	Pressure	Flow	Pressure
SH 100	U6	L/min -Bar	18,8	103	21,7	137	24,2	172
		USG-PSI	5.0	1494	5.7	1987	6.4	2494
	U8	L/min -Bar	25,5	77	29,9	103	32,3	129
		USG-PSI	6.6	1117	7.6	1494	8.5	1871
	U10	L/min -Bar	31,3	62	36,1	82	40,4	103
		USG-PSI	8.3	899	9.5	1189	10.7	1494

SH 160	U6	L/min -Bar	18,6	150	21,5	200	24	250
		USG-PSI	4.9	2175	5.7	2900	6.3	3625
	U8	L/min -Bar	24,8	112	28,6	150	32,0	187
		USG-PSI	6.6	1624	7.6	2175	8.5	2712
	U10	L/min -Bar	31,0	82	35,8	120	40,0	150
		USG-PSI	8.2	1305	9.5	1740	10.6	2172
	U11	L/min -Bar	34,1	82	39,3	109	44,0	136
		USG-PSI	9.0	1189	10.4	1581	11.6	1972
	U14	L/min -Bar	43,1	64	49,7	86	55,6	107
		USG-PSI	11.4	928	13.1	1247	14.7	1552

SH 240	U8	L/min -Bar	19,1	217	21,4	275	21,4	275 ¹⁾
		USG-PSI	5.05	3147	5.65	3988	5.65	3988 ¹⁾
	U10	L/min -Bar	23,8	174	27,5	232	30	275 ²⁾
		USG-PSI	6.29	2523	7.23	3364	7.93	3988 ²⁾
	U11	L/min -Bar	26,2	158	30,2	211	33,8	264
		USG-PSI	6.9	2291	8.0	3060	8.9	3828
	U14	L/min -Bar	33,1	124	38,2	166	42,7	207
		USG-PSI	8.7	1798	10.1	2407	11.3	3002
	U16	L/min -Bar	38,1	109	44,0	145	49,2	181
		USG-PSI	10.1	1581	11.6	2103	13.0	2625
	U19	L/min -Bar	45,1	92	52,1	122	58,3	153
		USG-PSI	11.9	1334	13.8	1769	15.4	2219

SH320	U11	L/min -Bar	23,8	249	24,9	274	24,9	274 ³⁾
		USG-PSI	6,29	3611	6,58	3973	6,58	3973 ³⁾
	U14	L/min -Bar	30,1	196	34,7	261	35,6	274 ⁴⁾
		USG-PSI	7,95	2842	9,17	3785	9,41	3973 ⁴⁾
	U16	L/min -Bar	34,6	171	39,9	229	43,7	274 ⁵⁾
		USG-PSI	9,14	2480	10,54	3321	11,55	3973 ⁵⁾
	BA16	L/min -Bar	33,8	172	39,0	230	43,6	287
		USG-PSI	8,93	2494	10,30	3335	11,52	4162
	U19	L/min -Bar	41,0	144	47,3	193	52,9	241
		USG-PSI	10,83	2088	12,50	2799	13,98	3495
	BA19	L/min -Bar	40,1	145	46,3	194	51,8	242
		USG-PSI	10,59	2103	11,44	2813	13,69	3509
	U23	L/min -Bar	49,4	121	57	162	63,8	202
		USG-PSI	13,05	1755	15,06	2349	16,86	2929

SH 420	U26	L/min -Bar	44.7	188	51.6	251	56.2	298 ⁶⁾
		USG-PSI	11.81	2726	13.63	3640	14.85	4321 ⁶⁾
	U29	L/min -Bar	49.8	169	57.6	225	64.3	281
		USG-PSI	13.16	2450	15.22	3263	16.99	4075
	BA32	L/min -Bar	48.4	151	55.8	202	62.4	252
		USG-PSI	12.78	2190	14.74	2929	16.49	3654
	U33	L/min -Bar	56.1	148	64.7	198	72.4	247
		USG-PSI	14.82	2146	17.09	2871	19.13	3582
	U37	L/min -Bar	62.1	132	71.8	176	80.2	220
		USG-PSI	16.41	1914	18.97	2552	21.19	3190
	BA40	L/min -Bar	61	121	70.4	161	78.7	202
		USG-PSI	16.12	1755	18.6	2335	20.79	2929

SH550	BA40	L/min -Bar	69,8	158	80,5	211	90	264
		USG-PSI	18,44	2291	21,27	3060	23,78	3828
	P42	L/min -Bar	84,2	152	97,2	203	108,7	254
		USG-PSI	22,25	2204	25,68	2944	28,72	3683
	G45	L/min -Bar	89,5	142	103,4	190	115,6	237
		USG-PSI	23,65	2059	27,32	2755	30,54	3437
	BA45	L/min -Bar	77,8	139	89,9	185	100,5	232
		USG-PSI	20,56	2016	23,75	2683	26,55	3364
	U50	L/min -Bar	95	128	109,7	171	122,7	213
		USG-PSI	25,10	1856	28,98	2480	32,42	3089
	P52	L/min -Bar	105,1	124	121,4	166	135,7	207
		USG-PSI	27,77	1798	27,77	2407	35,85	3002
	BA60	L/min -Bar	104,6	106	120,8	141	135,1	176
		USG-PSI	27,64	1537	31,92	2045	35,69	2552

1) Max. thrust: 182kg

2) Max. thrust: 228kg

3) Max. thrust: 211kg

4) Max. thrust: 269kg

5) Max. thrust: 307kg

6) Max. thrust: 399kg

7) Max. thrust: 567kg

8) Max. thrust: 640kg