

SELECTION OF PUMPS AND THEIR DIMENSIONS

Selection and dimensions of pumps sets of SKC.8 and SKD.8 types

Pump type dimension	Completeness				Coupling	Motor		Foundation plate		Overall dimensions of the pump set																	
	1	2	3	5		Mechanical size	Power	Plate	Block	H	b ₁	~L	h	k	b	m	m ₁	I ₁	I ₂	I ₃	A	C	C ₁	D	B	B ₁	D ₁
	with free shaft end	with coupling	with coupling and plate	with coupling, motor and plate						kg	type	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SKC.8.01	68	69	100	126	EZ1	100L4B	3.0	60.52.01.1	68.40.15.1	390	150	160	160	200	257	105	306	359	409	950	210	580	176	200	270	252	
				134		112M4	4.0																				68.40.05.1
				164		132S4	5.5																				-
SKC.8.02	75	76	107	133	EZ1	100L4B	3.0	60.52.01.1	68.40.15.1	390	150	160	160	200	257	105	355	408	458	950	210	580	176	200	270	252	
				141		112M4	4.0																				68.40.05.1
				171		132S4	5.5																				-
		78	109	182	EZ3	132M4	7.5	60.53.01.1	-	390	150	160	160	200	257	105	355	408	458	950	210	580	176	200	270	252	
				215		160M4	11.0																				
				235		160L4	15.0																				
SKC.8.03 SKD.8.02	82	83	115	149	EZ1	112M4	4.0	60.54.01.1	68.40.05.1	390	150	160	160	200	257	105	404	457	507	1110	240	720	176	200	270	252	
				188		132S4	5.5																				
				199		132M4	7.5																				
85	124	229	EZ3	160M4	11.0	60.55.01.1	68.40.05.1	410	-	150	160	160	200	257	105	404	457	507	1245	240	820	176	200	350	326		
		249		160L4	15.0																						
		292		180M4	18.5																						
SKC.8.04 SKD.8.03	89	92	124	186	EZ3	112M4	4.0	60.54.01.1	68.40.05.1	390	150	160	160	200	257	105	453	506	556	1110	240	720	176	200	270	252	
				197		132S4	5.5																				
				235		132M4	7.5																				
		95	134	256	EZ7	160M4	11.0	60.55.01.1	68.40.05.1	410	-	150	160	160	200	257	105	453	506	556	1245	240	820	176	200	350	326
				256		160L4	15.0																				
				299		180M4	18.5																				
SKC.8.05 SKD.8.04	96	99	141	245	EZ3	160M4	11.0	60.56.01.1	-	390	150	160	160	200	257	105	502	555	605	1280	250	820	176	200	310	286	
				266		160L4	15.0																				
				325		180M4	18.5																				
		101	160	335	EZ7	180L4	22.0	60.57.01.1	68.40.09.1	430	-	150	160	160	200	257	105	502	555	605	1580	360	890	176	200	400	376
				425		200L4	30.0																				
				455		200L4	30.0																				
SKC.8.06 SKD.8.05	103	106	148	253	EZ3	160M4	11.0	60.56.01.1	-	390	150	160	160	200	257	105	551	604	654	1280	250	820	176	200	310	286	
				273		160L4	15.0																				
				333		180M4	18.5																				
SKC.8.07 SKD.8.06	110	113	172	277	EZ3	160M4	11.0	60.57.02.1	68.40.08.1	430	150	160	160	200	257	105	600	653	703	1580	360	890	176	200	400	376	
				297		160L4	15.0																				
				340		180M4	18.5																				
		116	175	350	EZ7	180L4	22.0	60.57.01.1	68.40.19.1	430	-	150	160	160	200	257	105	600	653	703	1580	360	890	176	200	400	376
				440		200L4	30.0																				
				477		200L4	30.0																				
SKC.8.08 SKD.8.07	117	120	179	284	EZ3	160M4	11.0	60.57.02.1	68.40.08.1	430	150	160	160	200	257	105	649	702	752	1580	360	890	176	200	400	376	
				304		160L4	15.0																				
				347		180M4	18.5																				
		123	182	357	EZ7	180L4	22.0	60.57.01.1	68.40.19.1	430	-	150	160	160	200	257	105	649	702	752	1580	360	890	176	200	400	376
				447		200L4	30.0																				
				491		200L4	30.0																				
SKD.8.08	124	127	186	291	EZ3	160M4	11.0	60.57.02.1	68.40.08.1	430	150	160	160	200	257	105	698	751	801	1580	360	890	176	200	400	376	
				311		160L4	15.0																				
				354		180M4	18.5																				
130	189	364	EZ7	180L4	22.0	60.57.01.1	68.40.19.1	430	-	150	160	160	200	257	105	698	751	801	1580	360	890	176	200	400	376		
		454		200L4	30.0																						
		454		200L4	30.0																						

The pump symbol structure

The pump symbol consists of the following elements.

S K C 6 0 8 5 1 1 6 0 5
 a a a b c c d e₁ e₂ e₃ e₄ h

- where: a a a - classification group SK and product type
 C - for work with inflow
 D - for work with deep suction
 b - pump size (2-8)
 c c - pump type dimension (01-08), number of stages of the pump
 d - Material selection
 e₁e₂e₃e₄ - pump design
 h - delivery completeness,

Pump marking for liquid propane-butane gas (LPG)

Pumps for LPG gas are made only from materials „5” or „6” and only as the design type „1160” for SKC and „1161” for SKD. It is necessary to add „LPG” at the end of the marking.

Example of the marking:

SKC.4.08.5.1160.5.LPG

SKD.4.08.5.1161.5.LPG

Delivery completeness

- 1 - The pump with free shaft end
- 2 - The pump with coupling
- 3 - The pump with coupling, foundation bolts, and coupling guard on the foundation plate
- 4 - Completeness 3 + motor