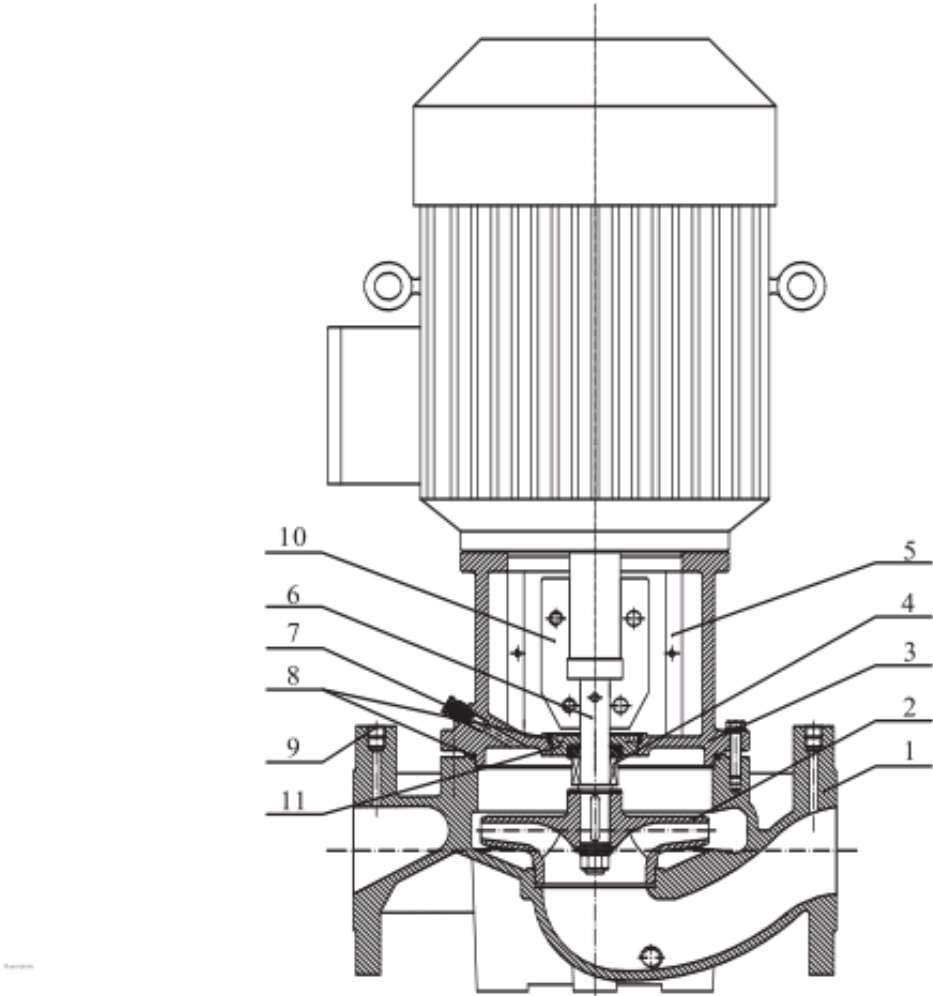


Structure TK32-18/2-TK125-14/4



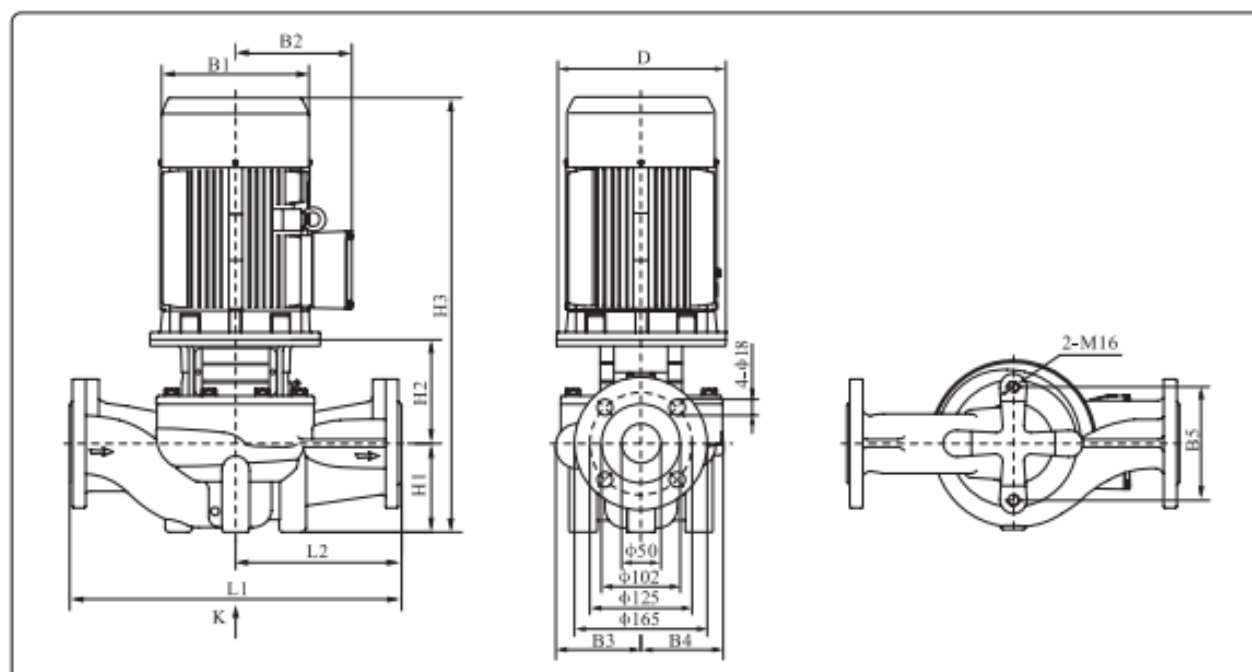
Materials TK32-18/2-TK125-14/4

No.	Spare parts	Materials	GB	EN DIN	AISI/ASTM
1	Pump casing	Cast iron	GB 9439-HT200	EN 1561 EN-GJL-200	ASTM25B
2	Impeller	Cast iron	GB 9439-HT200	EN 1561 EN-GJL-200	ASTM25B
		Stainless steel	GB/T20878-06Cr19Ni10	EN 10088 1.4301	AISI304
3	Pump head	Cast iron	GB 9439-HT200	EN 1561 EN-GJL-200	ASTM25B
4	Mechanical seal	/	/	/	/
5	Guard plate	Stainless steel	GB/T20878-06Cr19Ni10	EN10088-1.4301	AISI304
6	Pump shaft	Stainless steel	GB/T20878-20Cr13	EN10088-1.4021	AISI420
7	Air vent	Stainless steel	GB/T20878-06Cr19Ni10	EN10088-1.4301	AISI304
8	O ring	NBR	/	/	/
9	Nut	Stainless steel	GB/T20878-06Cr19Ni10	EN10088-1.4301	AISI304
10	Coupling	Cast iron	GB 1348-QT500-7	EN 1563 EN-GJS-500-7	ASTM 65-45-12
11	Seal seat	Carbon steel	45#	C45	ASTM1045

Performance data

Pump model	Power		Q (m³/h)	5	10	16	20	25	30	35	40	45	50	60
	(kW)	(HP)												
TK50-12/2	1.1	1.5	H (m)	15.2	14.2	12	10							
TK50-15/2	1.5	2		18.9	18	16.5	15	12.6						
TK50-18/2	2.2	3		22.8	22.3	21	19.8	18	15					
TK50-24/2	3	4		26.2	26	25.5	25	24	22.3					
TK50-28/2	4	5.5		31.5	31.3	31	30.5	29.5	28	25.5				
TK50-35/2	5.5	7.5		36.9	36.7	36.5	36.2	35.8	35	33.7	31.5			
TK50-40/2	7.5	10		42.3	42.2	41.9	41.7	41.3	40.8	40	38.3	35		
TK50-50/2	11	15		53.5	53.4	53.1	52.9	52.5	51.9	51.1	50	48.4	45.8	
TK50-60/2	15	20		65.7	65.8	65.7	65.6	65.3	64.7	63.9	62.8	61.6	60	55.4
TK50-70/2	18.5	25		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
TK50-81/2	22	30		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1

Installation dimensions and weight



Pump model	Dimension[mm]											Weight [kg]
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TK50-12/2	120	170	142	117	115	144	105	174	530	340	170	36
TK50-15/2	140	190	155	117	115	144	105	174	572	340	170	42
TK50-18/2	140	190	155	117	115	144	105	174	572	340	170	44
TK50-24/2	160	197	165	117	115	144	105	184	603	340	170	50
TK50-28/2	160	230	188	129	115	144	115	198	648	340	170	64
TK50-35/2	200	260	208	129	115	144	115	218	742	340	170	83
TK50-40/2	200	260	208	171	158	144	115	215	740	440	220	98
TK50-50/2	350	330	255	171	158	144	115	245	902	440	220	172
TK50-60/2	350	330	255	171	158	144	115	245	935	440	220	182
TK50-70/2	350	330	255	171	158	144	115	245	935	440	220	196
TK50-81/2	350	360	280	171	158	144	115	245	965	440	220	238

Performance cruve

