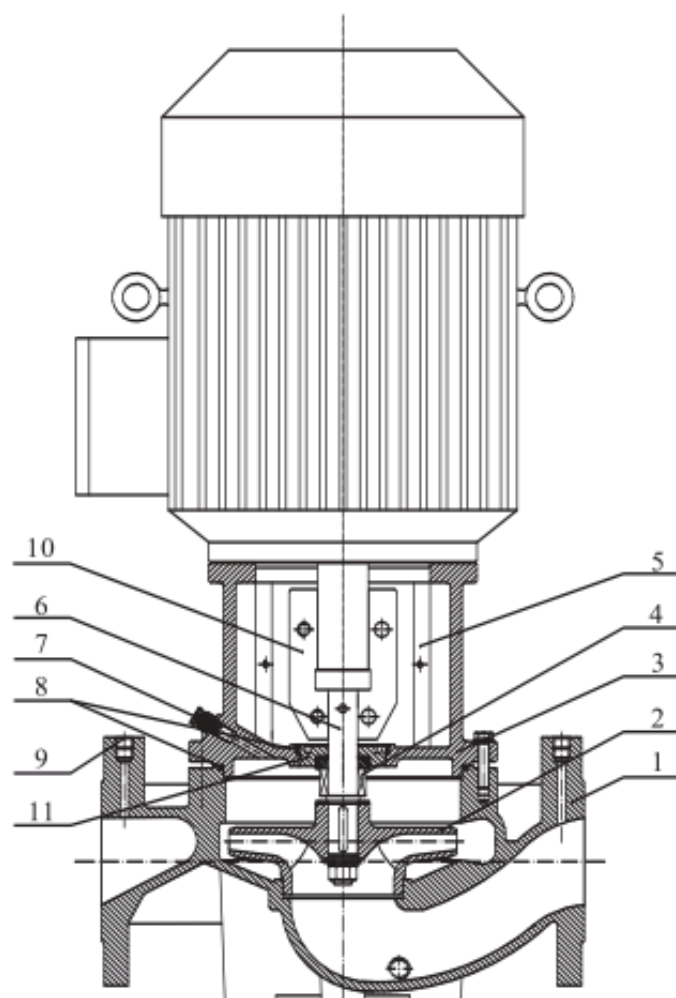


Structure TK32-18/2-TK125-14/4



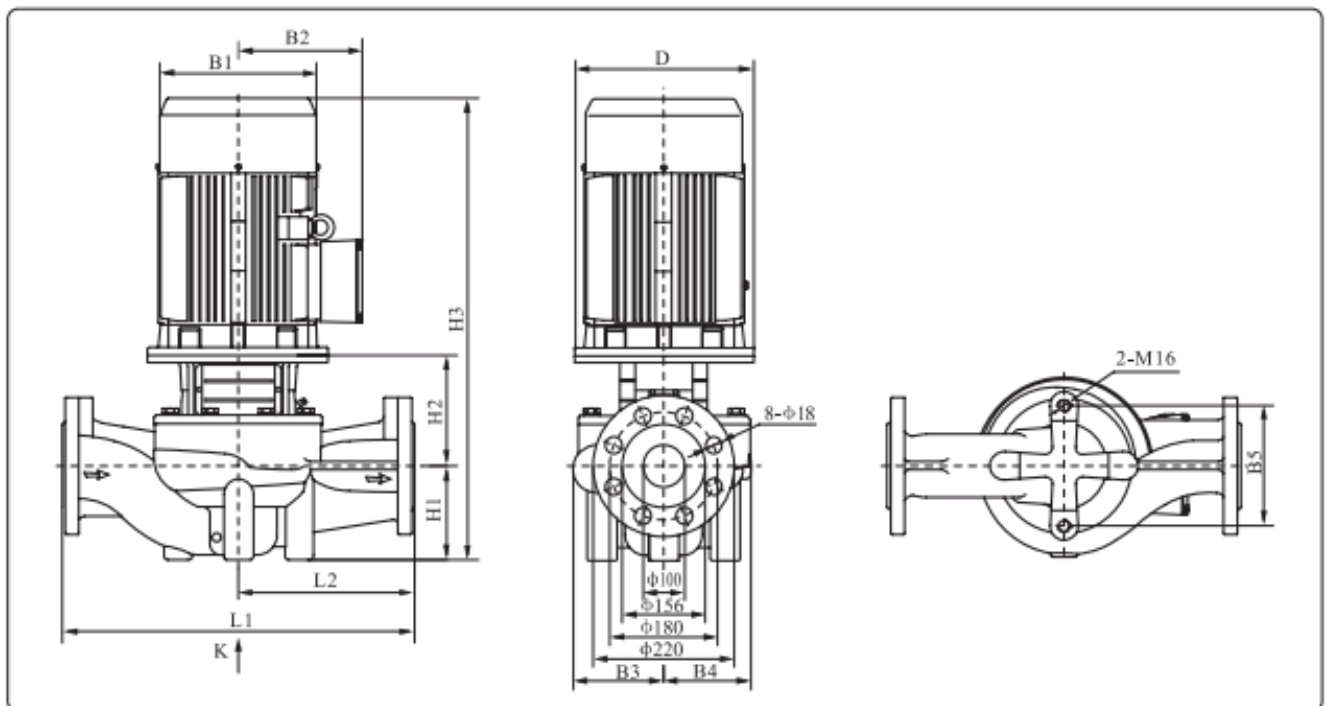
Materials TK32-18/2-TK125-14/4

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 (m ³ /h)	10	20	30	40	50	60	70	80	90	100	110	120	130	145	160
	(kW)	(HP)																
TK100-9/2	2.2	3	H (m)	13.9	13.2	12.2	10.8	9	6.8	4.4								
TK100-15/2	4	5.5		18.6	18.2	17.7	17.1	16.2	15	13.4	11							
TK100-17/2	5.5	7.5		21.7	21.5	21.1	20.7	20	19.2	18.3	17	15.3	13	10.4				
TK100-22/2	7.5	10		26.8	26.6	26.3	25.9	25.3	24.5	23.4	22	20.3	18.2	15.8				
TK100-27/2	11	15		31.5	31.3	31.1	30.9	30.7	30.3	29.8	29.2	28.2	27	25.5	23.6	20.8		
TK100-33/2	15	20		37.1	37	36.8	36.6	36.2	35.8	35.3	34.7	33.9	33	31.7	30.1	27.9		
TK100-40/2	18.5	25		43.3	43.2	43.1	42.9	42.7	42.4	42.1	41.6	40.9	40	38.9	37.4	35.3		
TK100-48/2	22	30		51.2	51.1	51	50.8	50.6	50.3	49.9	49.4	48.8	48	46.9	45.3	43.2		
TK100-52/2	30	40		55.3	55.3	55.3	55.3	55.2	55.1	54.8	54.6	54.4	54.2	53.8	53.1	52	49	43.5

Installation dimensions and weight



Pump model	Dimension[mm]											Weight [kg]
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
TK100-9/2	140	175	155	134	101	160	105	211	609	450	225	54
TK100-15/2	160	215	190	134	101	160	105	212	652	450	225	70
TK100-17/2	200	260	205	150	117	144	140	237	787	500	250	98
TK100-22/2	200	260	205	150	117	144	140	237	787	500	250	106
TK100-27/2	350	350	255	147	123	144	140	252	934	550	275	184
TK100-33/2	350	350	255	147	123	144	140	252	967	550	275	194
TK100-40/2	350	350	255	181	152	230	140	266	981	550	275	216
TK100-48/2	350	350	280	181	152	230	140	266	1011	550	275	258
TK100-52/2	400	400	305	181	152	230	140	266	1071	550	275	312

Performance cruve

