10VSP

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50℃
Maximum sand content: 0.25%
Minimum well diameter: 10"

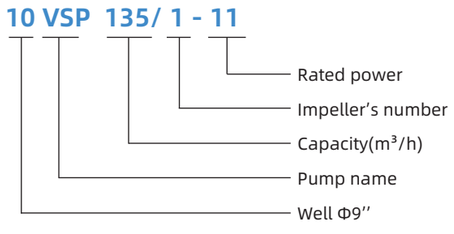
Motor and Pump

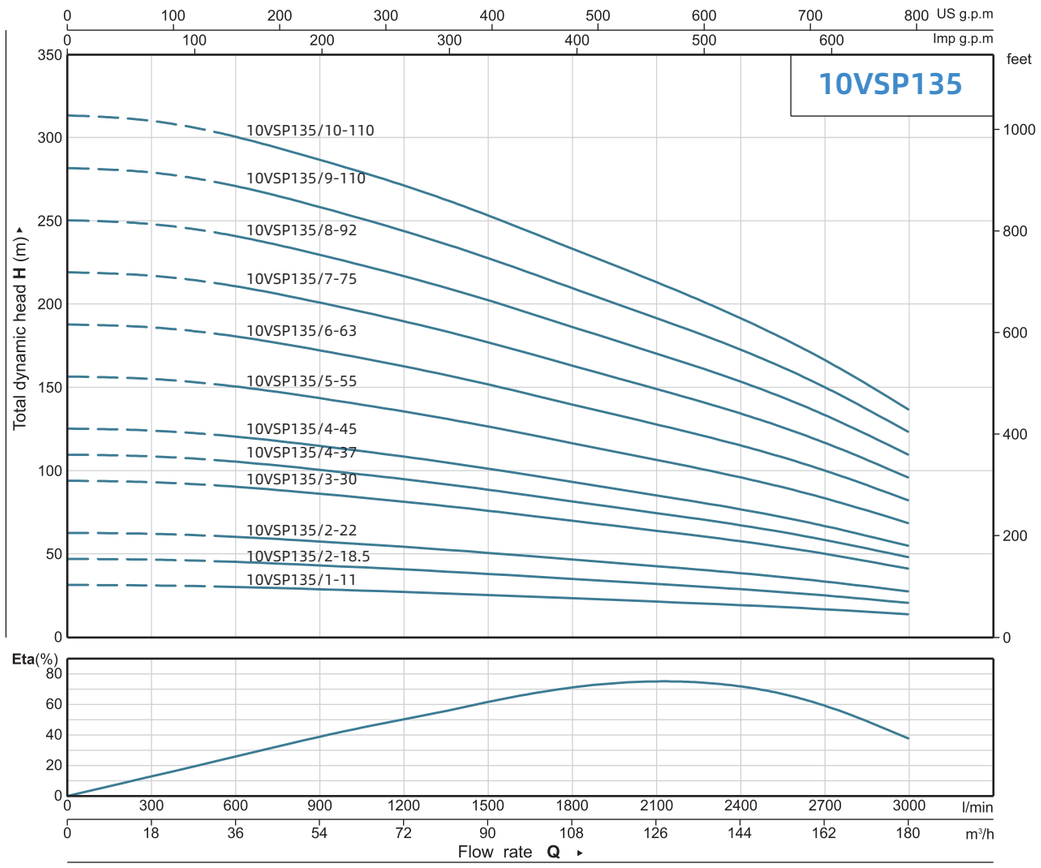
Rewindable motor
Three-phase: 380 - 415V/50Hz
①Direct start (1 cable)
②Star-delta start (2 cables)
NEMA dimension standards
Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
Other voltages or frequency 60Hz

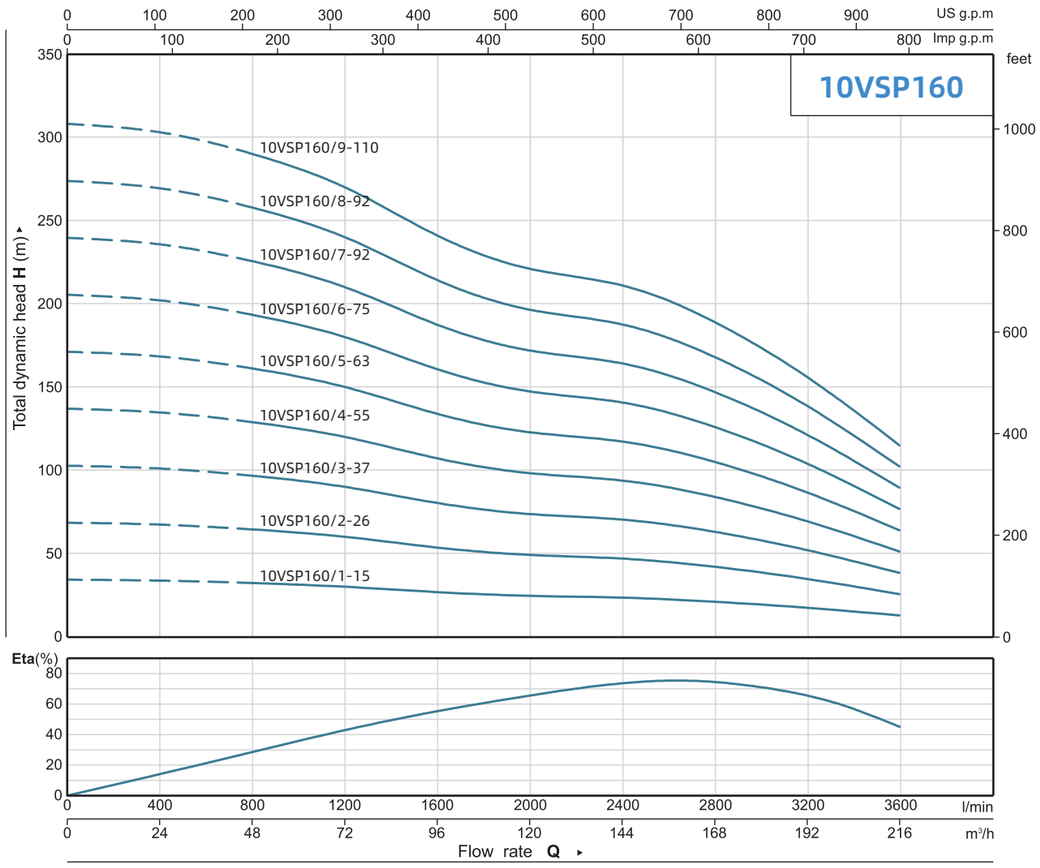
Components	Material
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 431 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

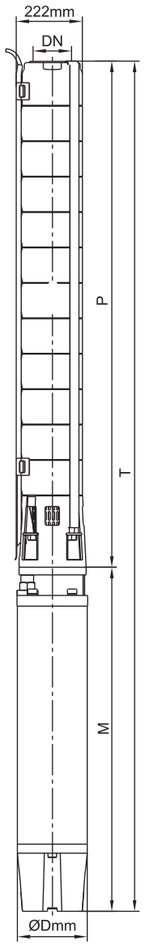




PERFORMANCE DATA 50Hz

MODEL	P_2		DELIVERY										n≈2850 1/min
3~ 380 - 415V	kW	HP	Q m³/h	0	18	36	54	72	90	108	126	144	162	180
			Q l/min	0	300	600	900	1200	1500	1800	2100	2400	2700	3000
10VSP135/1-11	11	15	H(m)	31	31	30	29	27	25	23	21	19	17	13
10VSP135/2-18.5	18.5	25		47	47	45	43	41	38	35	32	29	25	20
10VSP135/2-22	22	30		63	62	59	57	54	51	47	43	39	33	27
10VSP135/3-30	30	40		94	93	89	86	81	76	70	64	58	50	40
10VSP135/4-37	37	50		110	109	104	100	95	89	82	75	68	58	47
10VSP135/4-45	45	60		125	124	119	115	108	101	93	85	77	67	53
10VSP135/5-55	55	75		157	155	149	144	135	127	117	107	96	83	66
10VSP135/6-63	63	85		188	186	178	172	162	152	140	128	116	100	80
10VSP135/7-75	75	100		219	217	208	201	189	177	163	149	135	117	93
10VSP135/8-92	92	125		250	248	238	230	216	202	186	170	154	134	106
10VSP135/9-110	110	150		282	279	267	258	243	228	210	192	174	150	120
10VSP135/10-110	110	150		313	310	297	287	270	253	233	213	193	167	133





DIMENSION AND WEIGHT

MODEL	DN	DIMENSION(mm)				WEIGHT(kg)		
3~ 380 - 415V		P	M	T	ØD	P	M	T
10VSP135/1-11	6"	610	754	1364	145	26.1	58.3	84.4
10VSP135/2A-18.5	6"	766	934	1700	145	32.8	80.5	113.3
10VSP135/2-22	6"	766	1014	1780	145	32.8	91.6	124.4
10VSP135/3-30	6"	922	1174	2096	145	39.6	113.0	152.6
10VSP135/4A-37	6"	1078	1274	2352	145	46.2	126.4	172.6
10VSP135/4-45	6"	1078	1008	2086	192	46.2	159.0	205.2
10VSP135/5-55	6"	1234	1078	2312	192	52.8	180.0	232.8
10VSP135/6-63	6"	1390	1148	2538	192	59.3	195.0	254.3
10VSP135/7-75	6"	1546	1348	2894	192	65.9	221.0	286.9
10VSP135/8-92	6"	1702	1500	3202	192	72.4	241.0	313.4
10VSP135/9-110	6"	1858	1650	3508	192	79.0	255.0	334.0
10VSP135/10-110	6"	2014	1650	3664	192	85.6	255.0	340.6

MODEL	DN	DIMENSION(mm)				WEIGHT(kg)		
3~ 380 - 415V		P	M	T	ØD	P	M	T
10VSP160/1-15	6"	610	804	1414	145	26.1	63.9	90.0
10VSP160/2-26	6"	766	1094	1860	145	32.8	102.3	135.1
10VSP160/3-37	6"	922	1274	2196	145	41.1	126.4	167.5
10VSP160/4-55	6"	1078	1078	2156	192	47.7	180.0	227.7
10VSP160/5-63	6"	1234	1148	2382	192	53.3	195.0	248.3
10VSP160/6-75	6"	1390	1348	2738	192	59.8	221.0	280.8
10VSP160/7-92	6"	1546	1500	3046	192	66.8	241.0	307.8
10VSP160/8-92	6"	1702	1500	3202	192	73.9	241.0	314.9
10VSP160/9-110	6"	1858	1650	3508	192	77.5	255.0	332.5

PERFORMANCE DATA 50Hz

MODEL	P_2		DELIVERY									n≈2850 1/min
3~ 380 - 415V	kW	HP	Q m^3/h	0	24	48	72	96	120	144	168	192	216
			Q l/min	0	400	800	1200	1600	2000	2400	2800	3200	3600
10VSP160/1-15	15	20	H(m)	34	34	32	30	27	25	23	21	17	13
10VSP160/2-26	26	35		68	67	64	60	54	49	47	42	35	26
10VSP160/3-37	37	50		103	101	97	90	80	74	70	63	52	38
10VSP160/4-55	55	75		137	135	129	120	107	98	94	84	69	51
10VSP160/5-63	63	85		171	168	161	150	134	123	117	105	87	64
10VSP160/6-75	75	100		205	202	193	180	161	147	141	126	104	77
10VSP160/7-92	92	125		240	236	226	210	187	172	164	147	121	89
10VSP160/8-92	92	125		274	269	258	240	214	196	188	168	139	102
10VSP160/9-110	110	150		308	303	290	270	241	221	211	189	156	115