

10" (250 mm)

Stainless Steel Submersible Pumps

60 Hz.

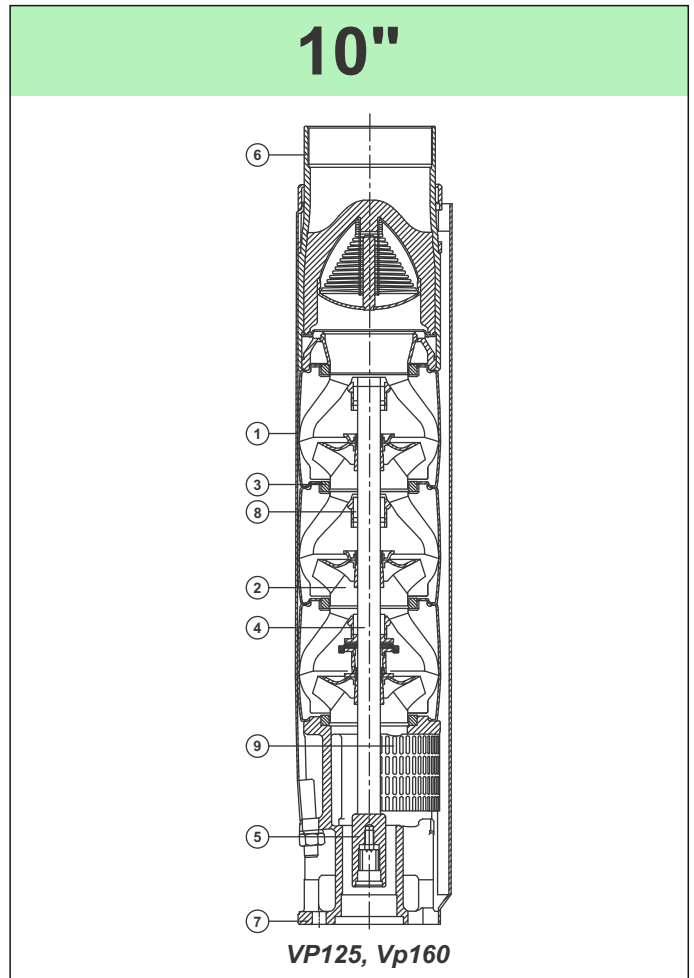
www.virasubmersible.com

Product Data

Materials: 10" submersible pump

Sectional drawing: 10" submersible pump

Pos.	Component	Material	10 inch
			"VP" pump
1	Bowl / Diffuser	Stainless steel	AISI 304
2	Impeller	Stainless steel	AISI 304
3	Neck ring	NBR	NBR
4	Shaft	Stainless steel	AISI 431
5	Couple	Stainless steel	AISI 304
6	Delivery casing	Stainless steel	AISI 304
7	Suction case	Stainless steel	AISI 304
8	Bearing bush	NBR	NBR
9	Strainer	Stainless steel	AISI 304
10	Connector	Stainless steel	-



Direction of rotation

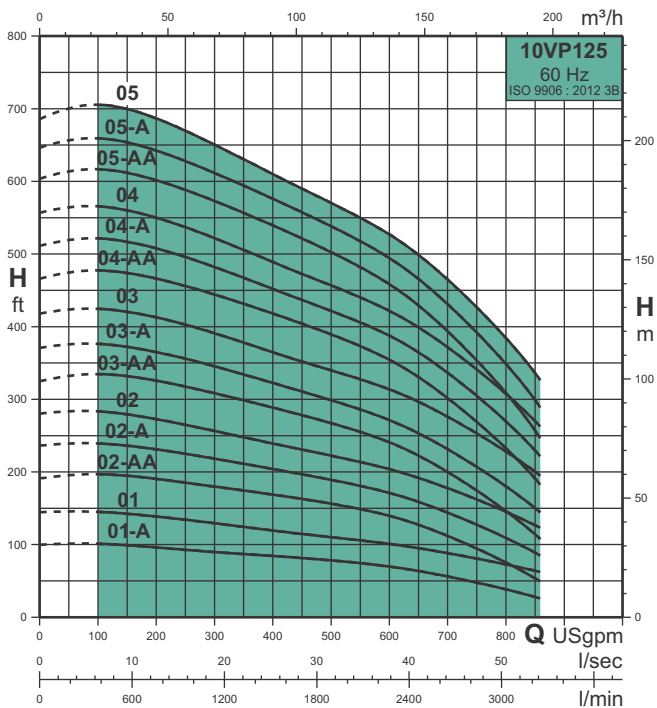
Clockwise as seen from the pump coupling side.



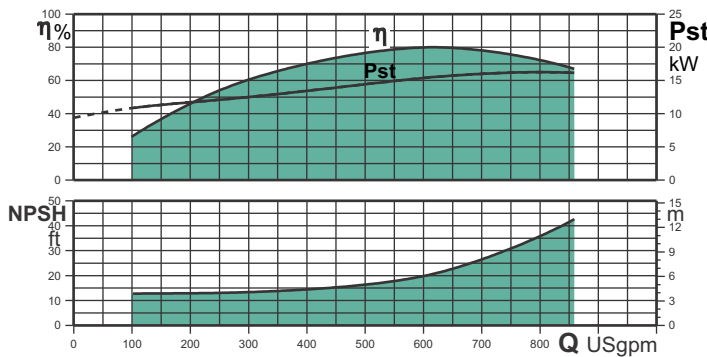
10VP125

Mixed Flow Pump Characteristic Curves & Technical Data

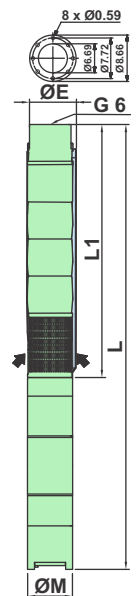
10"



Pump type	P ₂		Q						
	HP	kW	l/min	0	333	1000	1667	2334	3251
10VP125-01-A	15	11	Q USgpm	100	101	92	82	68	26
10VP125-01	25	18,5	H ft	145	145	133	115	99	62
10VP125-02-AA	30	22	H m	191	197	184	164	136	49
10VP125-02-A	35	26	H ft	236	240	223	198	167	85
10VP125-02	40	30	H m	280	284	262	232	200	123
10VP125-03-AA	50	37	H ft	325	335	315	280	235	108
10VP125-03-A	50	37	H m	371	377	353	313	266	144
10VP125-03	60	45	H ft	418	425	400	354	308	195
10VP125-04-AA	75	55	H m	466	477	453	407	347	182
10VP125-04-A	75	55	H ft	511	522	492	440	381	221
10VP125-04	90	66	H m	557	566	533	476	415	262
10VP125-05-AA	100	75	H ft	604	617	584	525	449	246
10VP125-05-A	100	75	H m	646	659	623	561	486	289
10VP125-05	100	75	H ft	686	705	664	594	518	326



Nominal flow rate	617 USgpm
Flow range	100 - 859 USgpm
Head range	Up to 1772 Feet
Max. pump efficiency (η)	80%
Motor power	15 - 250 HP
Rated speed	3450 rpm
Pipe connection	G 6



Pump type	P ₂		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft³]		
			WF motor						Pump	Pump + WFM		Pump	Pump + WFM	
	HP	kW	Tamaño Size Taille	ØM	ØE	L1	L			1 ~	3 ~		1 ~	3 ~
							1 ~	3 ~						
10VP125-01-A	15	11	6"	5,59	8,31	25,67	-	57,09	76	-	229	1,2	-	3,2
10VP125-01	25	18,5	6"	5,59	8,31	25,67	-	62,40	76	-	262	1,2	-	3,6
10VP125-02-AA	30	22	6"	5,59	8,31	31,77	-	70,87	90	-	290	1,5	-	3,8
10VP125-02-A	35	26	6"	5,59	8,31	31,77	-	73,23	90	-	309	1,5	-	3,8
10VP125-02	40	30	6"	5,59	8,31	31,77	-	76,38	90	-	337	1,5	-	6,2
10VP125-03-AA	50	37	6"	5,59	8,31	37,91	-	84,49	104	-	378	1,7	-	6,4
10VP125-03-A	50	37	6"	5,59	8,31	37,91	-	84,49	104	-	378	1,7	-	6,4
10VP125-03	60	45	8"	7,48	8,39	37,91	-	85,55	104	-	576	1,7	-	9,3
10VP125-04-AA	75	55	8"	7,48	8,39	44,02	-	93,62	119	-	621	2,0	-	9,8
10VP125-04-A	75	55	8"	7,48	8,39	44,02	-	93,62	119	-	621	2,0	-	9,8
10VP125-04	90	66	8"	7,48	8,39	44,02	-	100,20	119	-	707	2,0	-	10,6
10VP125-05-AA	100	75	8"	7,48	8,39	50,16	-	108,31	133	-	746	2,2	-	11,1
10VP125-05-A	100	75	8"	7,48	8,39	50,16	-	108,31	133	-	746	2,2	-	11,1
10VP125-05	100	75	8"	7,48	8,39	50,16	-	108,31	133	-	746	2,2	-	11,1

Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.

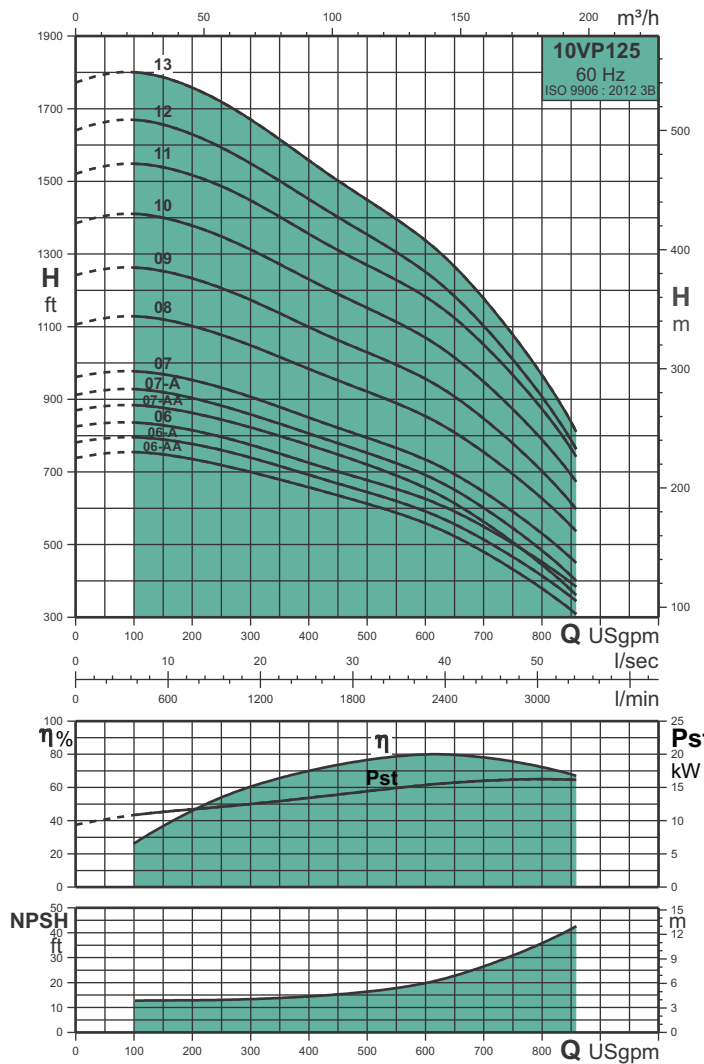
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,24".

All dimensions in inches unless otherwise noted.



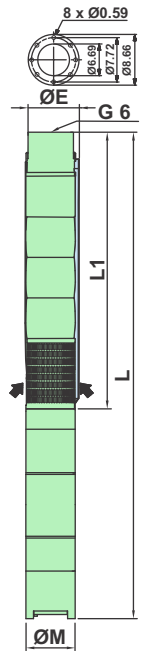
10SP125 Mixed Flow Pump Characteristic Curves & Technical Data

10"



Pump type	P ₂		Q							
	HP	kW	l/min	0	333	1000	1667	2334	3251	
10VP125-06-AA	100	75	Q USgpm	738	755	714	640	548	308	
10VP125-06-A	125	93	H	781	796	755	673	581	344	
10VP125-06	125	93	ft	825	837	791	705	615	384	
10VP125-07-AA	125	93	m	869	884	838	753	643	361	
10VP125-07-A	125	93	ft	912	928	876	784	679	400	
10VP125-07	150	110	m	961	978	925	827	722	449	
10VP125-08	180	135	ft	1106	1129	1070	958	840	536	
10VP125-09	180	135	m	1242	1263	1198	1070	942	597	
10VP125-10	200	150	ft	1385	1411	1339	1198	1053	673	
10VP125-11	225	165	m	1521	1549	1476	1319	1165	741	
10VP125-12	250	185	ft	1640	1670	1581	1411	1230	763	
10VP125-13	250	185	m	1772	1801	1706	1512	1316	810	

Nominal flow rate	617 USgpm
Flow range	100 - 859 USgpm
Head range	Up to 1772 Feet
Max. pump efficiency (η)	80%
Motor power	15 - 250 HP
Rated speed	3450 rpm
Pipe connection	G 6



Pump type	P ₂		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft ³]		
			WF motor						Pump	Pump		Pump + WFM		
	HP	kW	Size	ØM	ØE	L1	L			1 ~	3 ~	1 ~	3 ~	
	1 ~	3 ~												
10VP125-06-AA	100	75	8"	7.48	8.39	56.26	-	114.41	215	-	828	6.7	-	15.5
10VP125-06-A	125	93	8"	7.48	8.39	56.26	-	119.92	215	-	888	6.7	-	16.2
10VP125-06	125	93	8"	7.48	8.39	56.26	-	119.92	215	-	888	6.7	-	16.2
10VP125-07-AA	125	93	8"	7.48	8.39	62.40	-	126.06	235	-	908	7.3	-	16.8
10VP125-07-A	125	93	8"	7.48	8.39	62.40	-	126.06	235	-	908	7.3	-	16.8
10VP125-07	150	110	8"	7.48	8.39	62.40	-	131.18	235	-	989	7.3	-	17.5
10VP125-08	180	135	10"	9.45	9.45	82.36	-	154.25	256	-	1179	8.0	-	20.7
10VP125-09	180	135	10"	9.45	9.45	88.50	-	160.39	276	-	1200	8.6	-	21.3
10VP125-10	200	150	10"	9.45	9.45	94.61	-	168.07	296	-	1251	9.3	-	21.9
10VP125-11	225	165	10"	9.45	9.45	100.75	-	176.18	317	-	1311	9.9	-	23.1
10VP125-12	250	185	10"	9.45	9.45	109.96	-	187.36	337	-	1377	10.5	-	24.5
10VP125-13	250	185	10"	9.45	9.45	116.06	-	193.46	357	-	1398	11.2	-	25.2

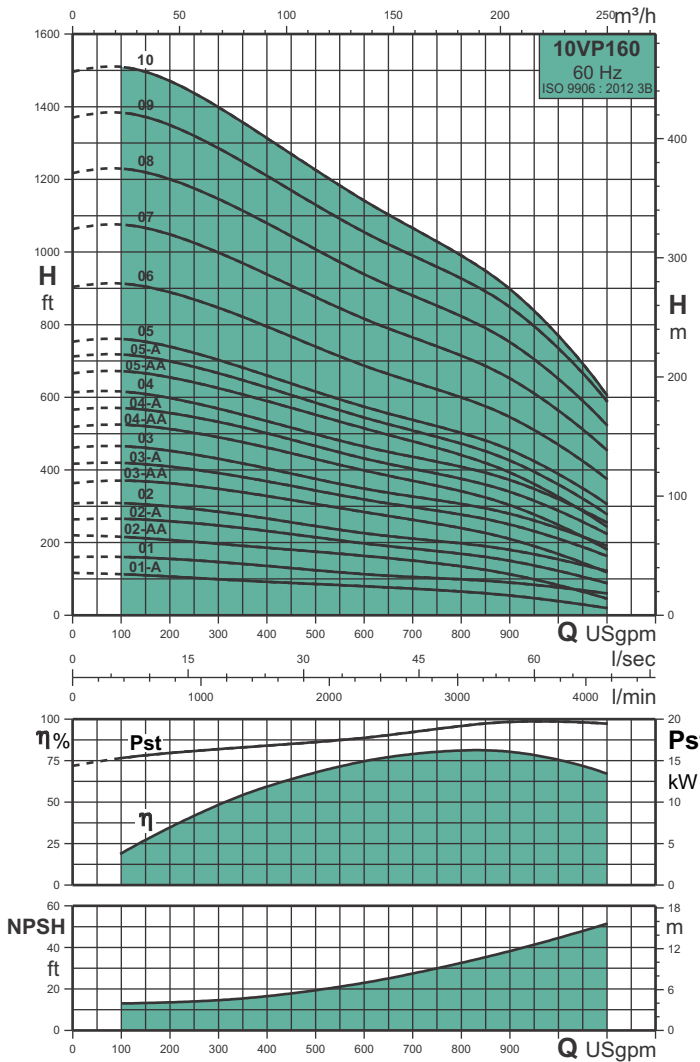
Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,24".
All dimensions in inches unless otherwise noted.



10VP160

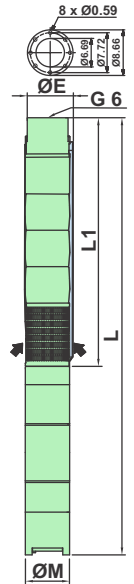
Mixed Flow Pump Characteristic Curves & Technical Data

10"



Pump type	P ₂		Q l/min		0	333	1333	2334	3334	4168
	HP	kW	Q USgpm	0	88	352	617	881	1101	
10VP160-01-A	20	15		116	114	95	79	57	19	
10VP160-01	30	22		160	161	141	112	92	60	
10VP160-02-AA	35	26		220	217	191	161	118	45	
10VP160-02-A	50	37		263	266	240	195	154	88	
10VP160-02	50	37		308	309	276	223	184	121	
10VP160-03-AA	60	45		364	371	338	281	217	117	
10VP160-03-A	75	55		417	420	380	315	256	162	
10VP160-03	75	55		462	466	417	344	285	190	
10VP160-04-AA	90	66		518	525	476	394	312	180	
10VP160-04-A	100	75		566	571	517	427	348	223	
10VP160-04	100	75		614	617	551	459	381	254	
10VP160-05-AA	125	93		666	673	607	509	404	243	
10VP160-05-A	125	93		712	719	646	538	436	277	
10VP160-05	125	93		753	761	681	568	466	305	
10VP160-06	150	110		904	914	820	679	558	374	
10VP160-07	180	135		1063	1076	968	807	666	453	
10VP160-08	200	150		1217	1230	1112	928	768	522	
10VP160-09	225	165		1370	1385	1247	1043	866	587	
10VP160-10	250	185		1496	1511	1355	1129	919	604	

Nominal flow rate	793 USgpm
Flow range	100 - 1101 USgpm
Head range	Up to 1496 Feet
Max. pump efficiency (η)	81%
Motor power	20 - 250 HP
Rated speed	3450 rpm
Pipe connection	G 6



Pump type	P ₂		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft ³]		
			WF motor						Pump	Pump + WFM		Pump	Pump + WFM	
	HP	kW	Size	ØM	ØE	L1	L			1 ~	3 ~		1 ~	3 ~
							1 ~	3 ~						
10VP160-01-A	20	15	6"	5.59	8.31	25.67	-	59.65	76	-	244	1.2	-	3.2
10VP160-01	30	22	6"	5.59	8.31	25.67	-	64.76	76	-	276	1.2	-	3.6
10VP160-02-AA	35	26	6"	5.59	8.31	31.77	-	73.23	90	-	309	1.5	-	3.8
10VP160-02-A	50	37	6"	5.59	8.31	31.77	-	78.35	90	-	364	1.5	-	6.2
10VP160-02	50	37	6"	5.59	8.31	31.77	-	78.35	90	-	364	1.5	-	6.2
10VP160-03-AA	60	45	8"	7.48	8.39	37.91	-	85.55	104	-	576	1.7	-	9.3
10VP160-03-A	75	55	8"	7.48	8.39	37.91	-	87.52	104	-	607	1.7	-	9.5
10VP160-03	75	55	8"	7.48	8.39	37.91	-	87.52	104	-	607	1.7	-	9.5
10VP160-04-AA	90	66	8"	7.48	8.39	44.02	-	100.20	119	-	707	2.0	-	10.6
10VP160-04-A	100	75	8"	7.48	8.39	44.02	-	102.17	119	-	731	2.0	-	10.8
10VP160-04	100	75	8"	7.48	8.39	44.02	-	102.17	119	-	731	2.0	-	10.8
10VP160-05-AA	125	93	8"	7.48	8.39	50.16	-	113.82	133	-	805	2.2	-	11.7
10VP160-05-A	125	93	8"	7.48	8.39	50.16	-	113.82	133	-	805	2.2	-	11.7
10VP160-05	125	93	8"	7.48	8.39	50.16	-	113.82	133	-	805	2.2	-	11.7
10VP160-06	150	110	8"	7.48	8.39	68.07	-	136.85	215	-	969	6.7	-	16.9
10VP160-07	180	135	10"	9.45	9.45	76.26	-	148.15	235	-	1159	7.3	-	20.0
10VP160-08	200	150	10"	9.45	9.45	82.36	-	155.83	256	-	1210	8.0	-	20.7
10VP160-09	225	165	10"	9.45	9.45	88.50	-	163.94	276	-	1270	8.6	-	21.8
10VP160-10	250	185	10"	9.45	9.45	97.72	-	175.12	296	-	1337	9.3	-	23.3

Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,24".

