



**8" (200 mm)**  
Submersible Pumps  
**50 Hz.**

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# Product Data

## Materials: 8" submersible pump

Pos.*	Component	8" pump
1	Bowl / Diffuser	Grey iron 200 ISO 185
2	Impeller	Bronze**
3	Neck ring	Nitrile rubber
4	Shaft	S.SI AISI 410
5	Shaft sleeve	S.SI AISI 410
6	Couple	S.SI AISI 410
7	Delivery casing	Grey iron 200 ISO 185
8	Suction case	Grey iron 200 ISO 185
9	Bearing bush	Nitrile rubber
10	Strainer	S.S AISI 202

**Note:** \* For parts position see sectional drawing in adjoining page.

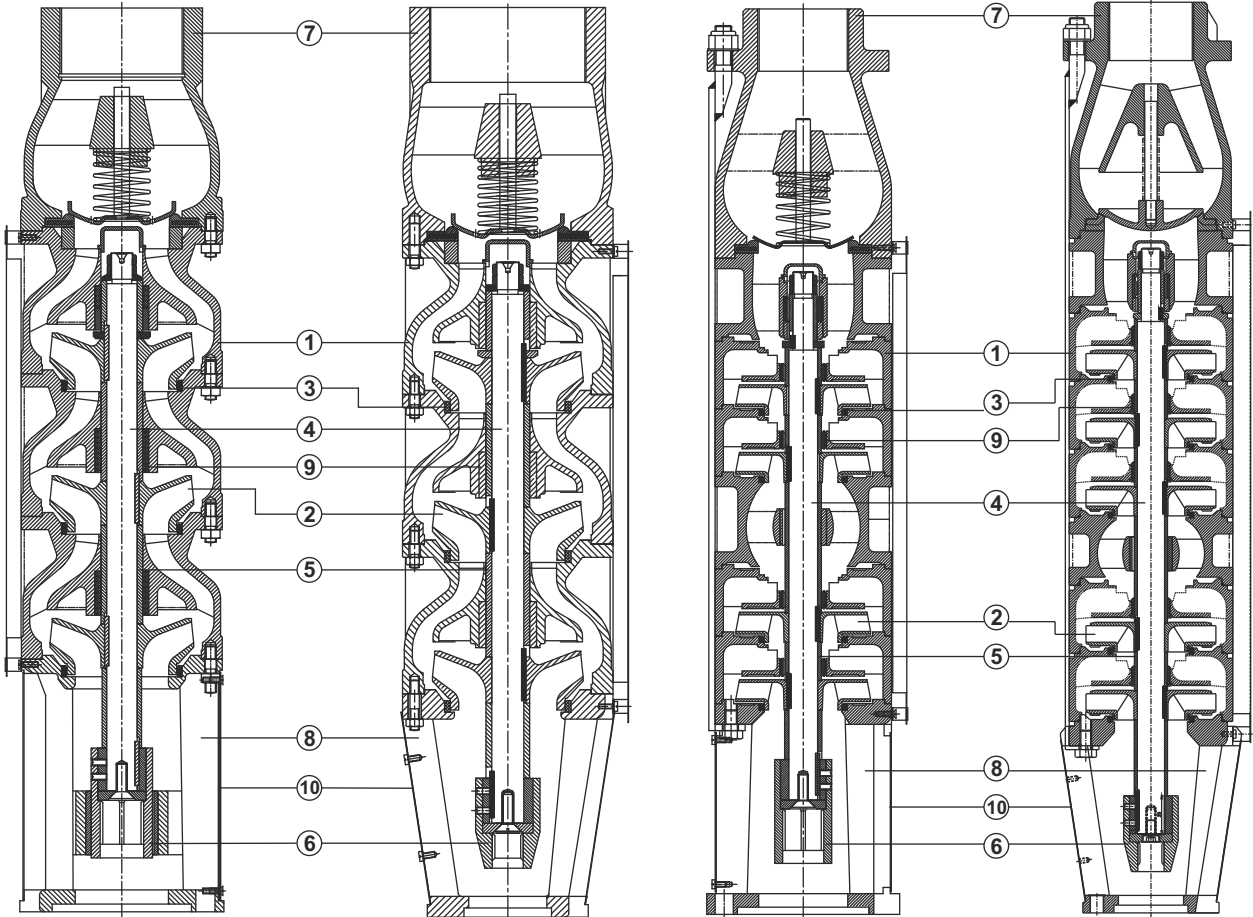
\*\* S.S AISI 410 available on request.



# Product Data

## Sectional drawing: 8" submersible pump

8"



**VM8040, VM8050  
VM8060, VM8070  
VM8080, VM8100**

*With 8" Motor joining*

**VM8040, VM8050  
VM8060, VM8070  
VM8080, VM8100**

*With 6" Motor joining*

**VR8150, VR8250,  
VR8300, VR8400,  
VR8500**

*With 8" Motor joining*

**VR8150, VR8250,  
VR8300, VR8400,  
VR8500**

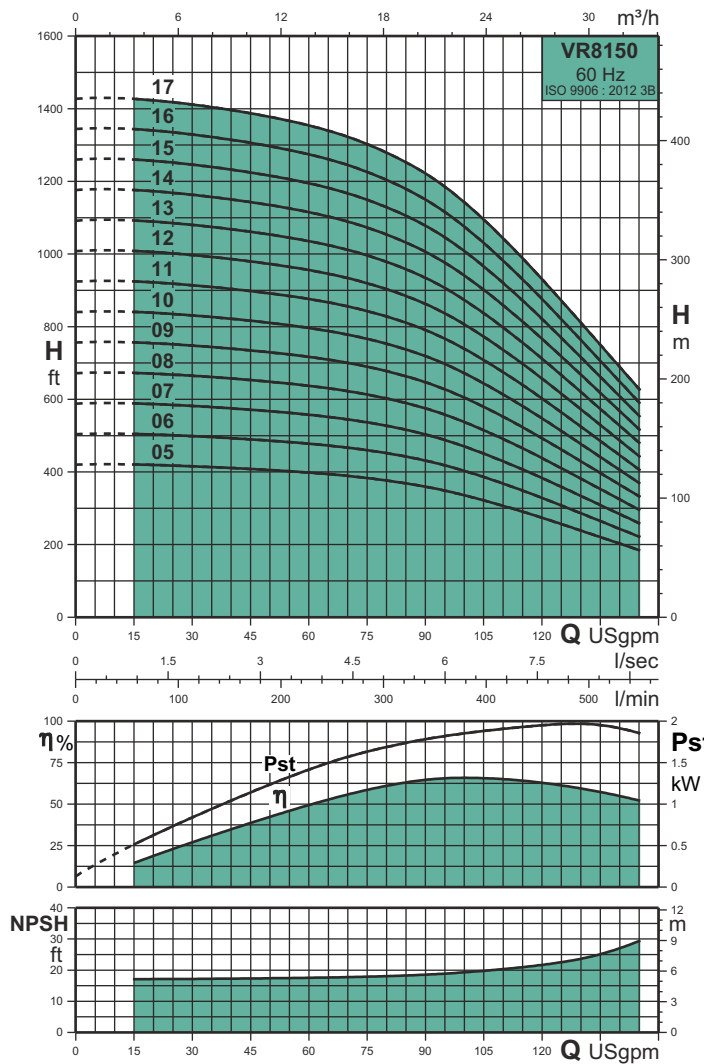
*With 6" Motor joining*



# VR8150

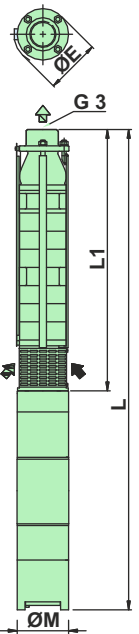
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min	0	260	350	445	505	550
	HP	kW							
			Q USgpm	0	69	92	118	133	145
VR8150 - 05	15	11		420	390	354	282	226	184
VR8150 - 06	17,5	13		504	469	425	339	272	220
VR8150 - 07	20	15		588	547	496	395	317	257
VR8150 - 08	25	18,5		672	625	567	451	362	294
VR8150 - 09	25	18,5		756	703	638	508	407	331
VR8150 - 10	30	22		840	781	709	564	453	367
VR8150 - 11	30	22		924	859	780	621	498	404
VR8150 - 12	35	26		1008	937	850	677	543	441
VR8150 - 13	35	26		1092	1015	921	734	589	478
VR8150 - 14	40	30		1176	1093	992	790	634	514
VR8150 - 15	40	30		1260	1171	1063	846	679	551
VR8150 - 16	50	37		1344	1249	1134	903	724	588
VR8150 - 17	50	37		1427	1327	1205	959	770	625

Nominal flow rate	92 USgpm
Flow range	15 - 145 USgpm
Head range	Up to 2520 Feet
Max. pump efficiency (η)	65,2%
Motor power	15 - 90 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft³]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
					Size	ØM	L		1 ~	3 ~		1 ~	3 ~	
														1 ~
VR8150 - 05	15	11	26,69	7,80	6"	5,59	-	58,11	154	-	307	3,1	-	5,1
VR8150 - 06	17,5	13	28,44	7,80	6"	5,59	-	61,24	163	-	325	3,1	-	5,1
VR8150 - 07	20	15	30,20	7,80	6"	5,59	-	64,17	176	-	344	3,4	-	5,4
VR8150 - 08	25	18,5	31,95	7,80	6"	5,59	-	68,68	187	-	373	3,4	-	5,7
VR8150 - 09	25	18,5	33,70	7,80	6"	5,59	-	70,43	198	-	384	3,4	-	5,7
VR8150 - 10	30	22	38,94	7,80	6"	5,59	-	78,03	229	-	429	4,4	-	6,8
VR8150 - 11	30	22	40,69	7,80	6"	5,59	-	79,78	238	-	438	4,4	-	6,8
VR8150 - 12	35	26	42,44	7,80	6"	5,59	-	83,90	249	-	467	4,4	-	6,8
VR8150 - 13	35	26	44,19	7,80	6"	5,59	-	85,65	260	-	478	4,7	-	7,0
VR8150 - 14	40	30	45,94	7,80	6"	5,59	-	90,55	273	-	520	4,8	-	9,5
VR8150 - 15	40	30	47,70	7,80	6"	5,59	-	92,30	287	-	534	4,9	-	9,6
VR8150 - 16	50	37	49,45	7,80	6"	5,59	-	96,02	300	-	573	5,3	-	10,0
VR8150 - 17	50	37	54,72	7,80	6"	5,59	-	101,30	311	-	584	5,5	-	10,2

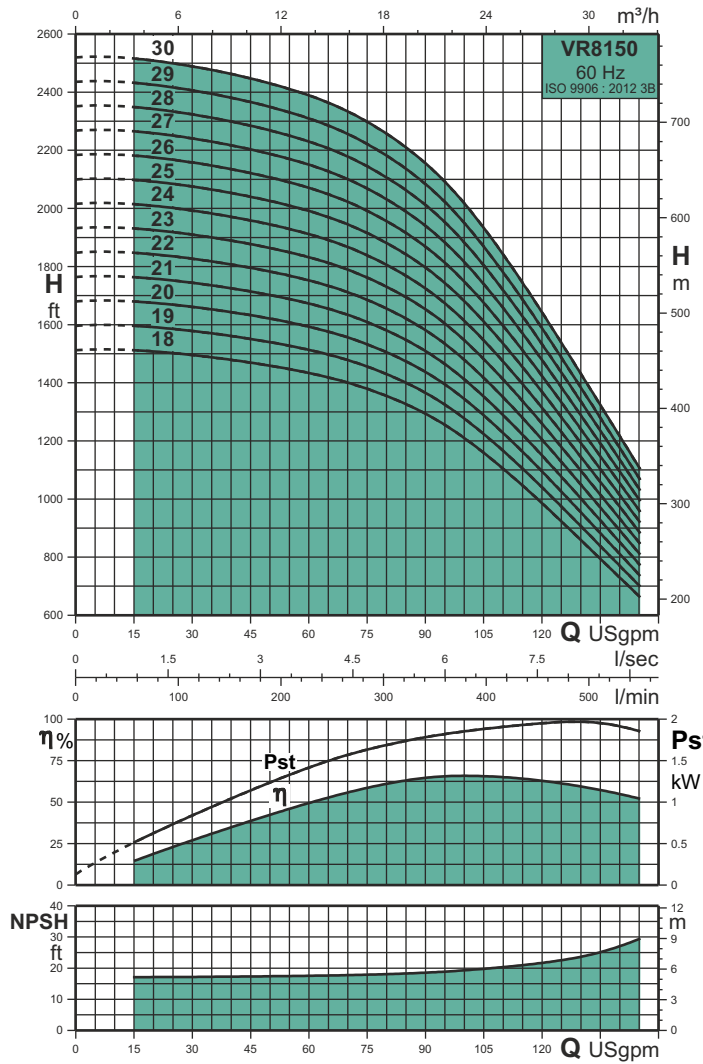
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VR8150

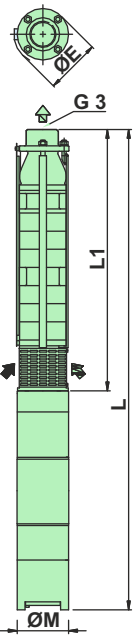
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min	0	260	350	445	505	550
	HP	kW							
			Q USgpm	0	69	92	118	133	145
VR8150 - 18	50	37	H ft	1512	1406	1276	1016	815	661
VR8150 - 19	50	37		1596	1484	1346	1072	860	698
VR8150 - 20	60	45		1680	1562	1417	1129	906	735
VR8150 - 21	60	45		1764	1640	1488	1185	951	772
VR8150 - 22	60	45		1848	1718	1559	1241	996	808
VR8150 - 23	60	45		1932	1796	1630	1298	1041	845
VR8150 - 24	75	55		2016	1874	1701	1354	1087	882
VR8150 - 25	75	55		2100	1952	1772	1411	1132	919
VR8150 - 26	75	55		2184	2030	1843	1467	1177	955
VR8150 - 27	75	55		2268	2108	1913	1524	1222	992
VR8150 - 28	75	55		2352	2186	1984	1580	1268	1029
VR8150 - 29	90	66		2436	2264	2055	1636	1313	1066
VR8150 - 30	90	66		2520	2343	2126	1693	1358	1102

Nominal flow rate	92 USgpm
Flow range	15 - 145 USgpm
Head range	Up to 2520 Feet
Max. pump efficiency (η)	65.2%
Motor power	15 - 90 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft <sup>3</sup> ]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~				
VR8150 - 18	50	37	56,48	7,80	6"	5,59	-	103,05	324	-	597	5,8	-	10,5
VR8150 - 19	50	37	58,23	7,80	6"	5,59	-	104,80	337	-	611	6,0	-	10,7
VR8150 - 20	60	45	59,98	7,80	8"	7,48	-	107,62	351	-	822	6,2	-	13,7
VR8150 - 21	60	45	61,73	7,80	8"	7,48	-	109,37	359	-	831	6,2	-	13,7
VR8150 - 22	60	45	63,48	7,80	8"	7,48	-	111,12	368	-	840	6,2	-	13,7
VR8150 - 23	60	45	65,24	7,80	8"	7,48	-	112,87	379	-	851	6,5	-	14,0
VR8150 - 24	75	55	66,99	7,80	8"	7,48	-	116,59	392	-	895	6,7	-	14,5
VR8150 - 25	75	55	68,74	7,80	8"	7,48	-	118,35	406	-	908	6,9	-	14,7
VR8150 - 26	75	55	70,49	7,80	8"	7,48	-	120,10	419	-	922	7,2	-	15,0
VR8150 - 27	75	55	72,24	7,80	8"	7,48	-	121,85	430	-	933	7,4	-	15,2
VR8150 - 28	75	55	74,00	7,80	8"	7,48	-	123,60	443	-	946	7,6	-	15,4
VR8150 - 29	90	66	75,75	7,80	8"	7,48	-	131,93	452	-	1041	7,6	-	16,2
VR8150 - 30	90	66	77,50	7,80	8"	7,48	-	133,68	461	-	1049	7,6	-	16,2

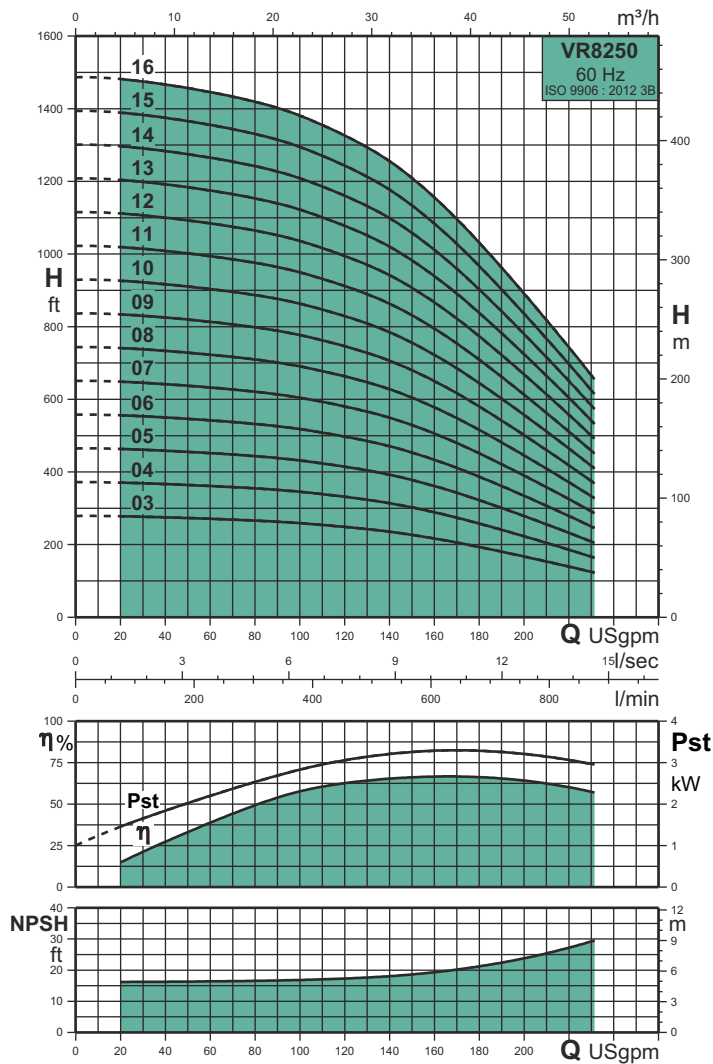
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VR8250

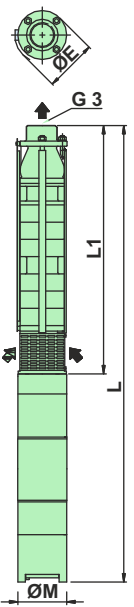
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min							
	HP	kW	0	371	409	526	636	761	874	
			Q USgpm							
			0	98	108	139	168	201	231	
VR8250 - 03	15	11	279	260	255	236	208	165	123	
VR8250 - 04	17,5	13	372	346	340	315	277	220	164	
VR8250 - 05	25	18,5	465	433	425	394	346	276	205	
VR8250 - 06	30	22	557	520	510	472	416	331	246	
VR8250 - 07	30	22	650	606	595	551	485	386	287	
VR8250 - 08	35	26	743	693	680	630	554	441	328	
VR8250 - 09	40	30	836	780	765	709	624	496	369	
VR8250 - 10	50	37	929	866	850	787	693	551	409	
VR8250 - 11	50	37	1022	953	935	866	762	606	450	
VR8250 - 12	60	45	1115	1039	1020	945	831	661	491	
VR8250 - 13	60	45	1208	1126	1106	1024	901	717	532	
VR8250 - 14	60	45	1301	1213	1191	1102	970	772	573	
VR8250 - 15	75	55	1394	1299	1276	1181	1039	827	614	
VR8250 - 16	75	55	1487	1386	1361	1260	1109	882	655	

Nominal flow rate	168 USgpm
Flow range	20 - 231 USgpm
Head range	Up to 2602 Feet
Max. pump efficiency (η)	66,7%
Motor power	15 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]				Gross volume [ft <sup>3</sup> ]			
			L1	ØE	WFM motor			Pump	Pump + WFM		Pump	Pump + WFM				
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~				
	HP	kW	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~						
VR8250 - 03	15	11	23,19	7,80	6"	5,59	-	54,61	126	-	279	3,0	-	4,9		
VR8250 - 04	17,5	13	24,94	7,80	6"	5,59	-	57,74	137	-	299	3,0	-	4,9		
VR8250 - 05	25	18,5	26,69	7,80	6"	5,59	-	63,43	154	-	340	3,1	-	5,4		
VR8250 - 06	30	22	28,44	7,80	6"	5,59	-	67,54	163	-	363	3,1	-	5,4		
VR8250 - 07	30	22	30,20	7,80	6"	5,59	-	69,29	176	-	376	3,4	-	5,7		
VR8250 - 08	35	26	31,95	7,80	6"	5,59	-	73,41	187	-	406	3,4	-	5,7		
VR8250 - 09	40	30	33,70	7,80	6"	5,59	-	78,31	198	-	445	3,4	-	8,1		
VR8250 - 10	50	37	38,94	7,80	6"	5,59	-	85,51	229	-	503	4,4	-	9,1		
VR8250 - 11	50	37	40,69	7,80	6"	5,59	-	87,26	238	-	511	4,4	-	9,1		
VR8250 - 12	60	45	42,44	7,80	8"	7,48	-	90,08	249	-	721	4,4	-	12,0		
VR8250 - 13	60	45	44,19	7,80	8"	7,48	-	91,83	260	-	732	4,7	-	12,2		
VR8250 - 14	60	45	45,94	7,80	8"	7,48	-	93,58	273	-	745	4,8	-	12,3		
VR8250 - 15	75	55	47,70	7,80	8"	7,48	-	97,30	287	-	789	4,9	-	12,7		
VR8250 - 16	75	55	49,45	7,80	8"	7,48	-	99,06	300	-	802	5,3	-	13,1		

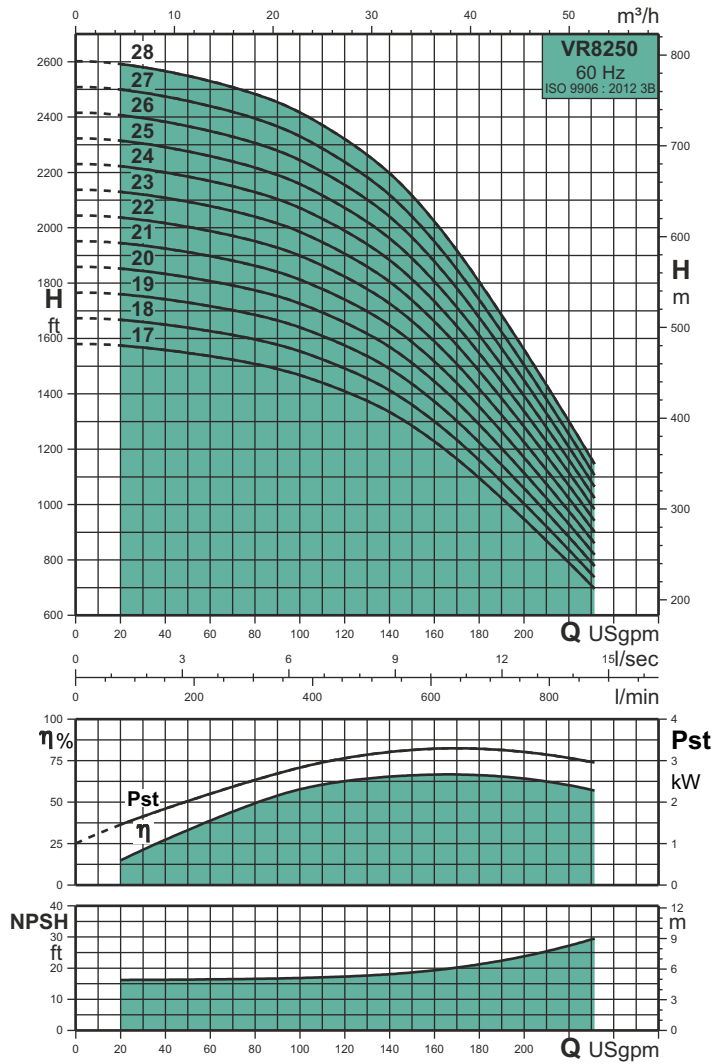
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VR8250

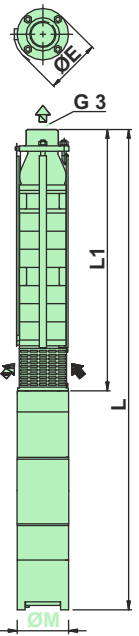
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q USgpm	0	371	409	526	636	761	874
	HP	kW		0	98	108	139	168	201	231
VR8250 - 17	75	55		1580	1472	1446	1339	1178	937	696
VR8250 - 18	90	66		1672	1559	1531	1417	1247	992	737
VR8250 - 19	90	66		1765	1646	1616	1496	1317	1047	778
VR8250 - 20	90	66		1858	1732	1701	1575	1386	1102	819
VR8250 - 21	100	75		1951	1819	1786	1654	1455	1157	860
VR8250 - 22	100	75		2044	1906	1871	1732	1524	1213	901
VR8250 - 23	100	75		2137	1992	1956	1811	1594	1268	942
VR8250 - 24	125	93		2230	2079	2041	1890	1663	1323	983
VR8250 - 25	125	93		2323	2165	2126	1969	1732	1378	1024
VR8250 - 26	125	93		2416	2252	2211	2047	1802	1433	1065
VR8250 - 27	125	93		2509	2339	2296	2126	1871	1488	1106
VR8250 - 28	125	93		2602	2425	2381	2205	1940	1543	1146

Nominal flow rate	168 USgpm
Flow range	20 - 231 USgpm
Head range	Up to 2602 Feet
Max. pump efficiency (η)	66,7%
Motor power	15 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]				Gross volume [ft <sup>3</sup> ]			
			L1	ØE	WFM motor				Pump	Pump + WFM		Pump	Pump + WFM			
					Size	ØM	L			1 ~	3 ~		1 ~	3 ~		
							1 ~	3 ~								
VR8250 - 17	75	55	54,72	7,80	8"	7,48	-	104,33	311	-	814	5,5	-	13,3		
VR8250 - 18	90	66	56,48	7,80	8"	7,48	-	112,66	324	-	913	5,8	-	14,4		
VR8250 - 19	90	66	58,23	7,80	8"	7,48	-	114,41	337	-	926	6,0	-	14,6		
VR8250 - 20	90	66	59,98	7,80	8"	7,48	-	116,16	351	-	939	6,2	-	14,8		
VR8250 - 21	100	75	61,73	7,80	8"	7,48	-	119,88	359	-	972	6,2	-	15,1		
VR8250 - 22	100	75	63,48	7,80	8"	7,48	-	121,63	368	-	981	6,2	-	15,1		
VR8250 - 23	100	75	65,24	7,80	8"	7,48	-	123,39	379	-	992	6,5	-	15,3		
VR8250 - 24	125	93	66,99	7,80	8"	7,48	-	130,65	392	-	1065	6,7	-	16,2		
VR8250 - 25	125	93	68,74	7,80	8"	7,48	-	132,40	406	-	1078	6,9	-	16,4		
VR8250 - 26	125	93	70,49	7,80	8"	7,48	-	134,15	419	-	1091	7,2	-	16,7		
VR8250 - 27	125	93	72,24	7,80	8"	7,48	-	135,91	430	-	1102	7,4	-	16,9		
VR8250 - 28	125	93	74,00	7,80	8"	7,48	-	137,66	443	-	1116	7,6	-	17,1		

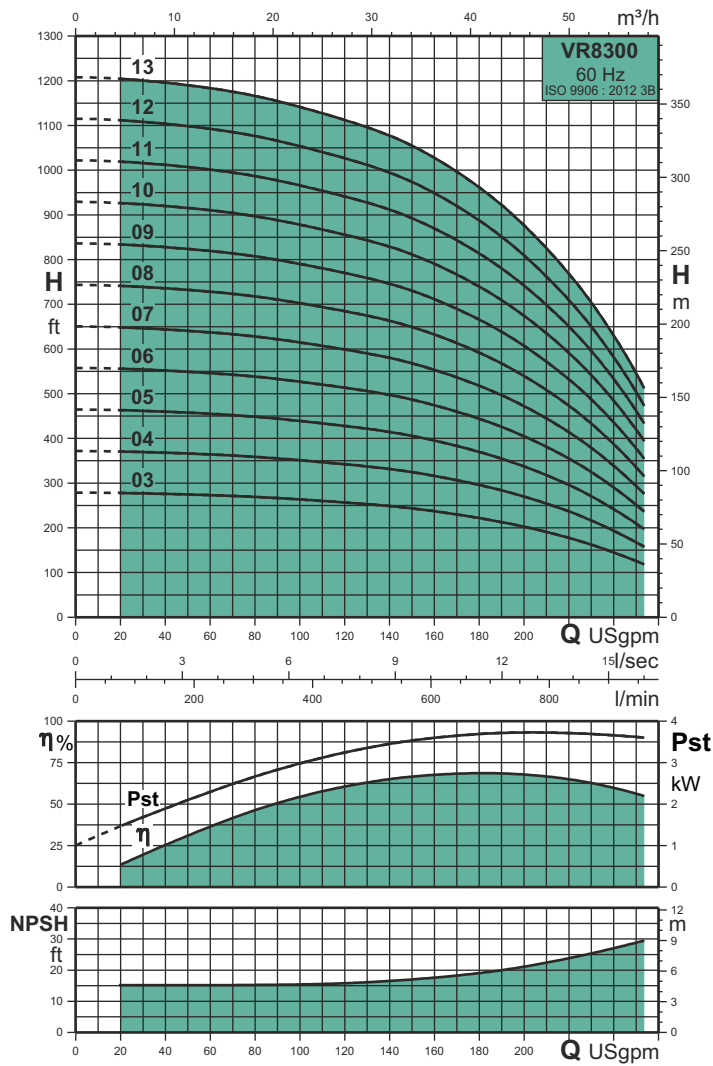
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VR8300

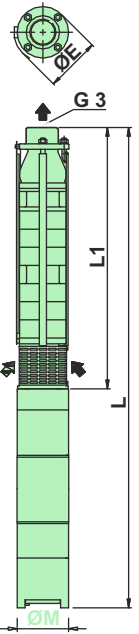
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q							
	HP	kW	0	299	420	553	719	852	961	
			Q l/min	0	299	420	553	719	852	961
			Q USgpm	0	79	111	146	190	225	254
VR8300 - 03	17,5	13	H ft	279	269	260	246	213	170	118
VR8300 - 04	25	18,5		372	359	346	328	283	227	157
VR8300 - 05	30	22		465	449	433	409	354	283	197
VR8300 - 06	35	26		557	539	520	491	425	340	236
VR8300 - 07	40	30		650	628	606	573	496	397	276
VR8300 - 08	50	37		743	718	693	655	567	454	315
VR8300 - 09	50	37		836	808	780	737	638	510	354
VR8300 - 10	60	45		929	898	866	819	709	567	394
VR8300 - 11	60	45		1022	987	953	901	780	624	433
VR8300 - 12	75	55		1115	1077	1039	983	850	680	472
VR8300 - 13	75	55		1208	1167	1126	1065	921	737	512

Nominal flow rate	190 USgpm
Flow range	20 - 254 USgpm
Head range	Up to 2137 Feet
Max. pump efficiency (η)	68,5%
Motor power	17,5 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]				Gross volume [ft <sup>3</sup> ]			
			L1	ØE	WF motor				Pump	Pump + WFM		Pump	Pump + WFM			
					Size	ØM	L			1 ~	3 ~		1 ~	3 ~		
							1 ~	3 ~								
VR8300 - 03	17,5	13	27,95	7,80	6"	5,59	-	60,75	130	-	292	3,1	-	5,1		
VR8300 - 04	25	18,5	30,51	7,80	6"	5,59	-	67,24	154	-	340	3,4	-	5,7		
VR8300 - 05	30	22	33,07	7,80	6"	5,59	-	72,17	174	-	374	3,6	-	6,0		
VR8300 - 06	35	26	35,63	7,80	6"	5,59	-	77,09	201	-	419	4,0	-	6,3		
VR8300 - 07	40	30	38,19	7,80	6"	5,59	-	82,80	218	-	465	4,0	-	8,7		
VR8300 - 08	50	37	40,75	7,80	6"	5,59	-	87,32	240	-	514	4,4	-	9,1		
VR8300 - 09	50	37	46,81	7,80	6"	5,59	-	93,39	278	-	551	4,9	-	9,6		
VR8300 - 10	60	45	49,37	7,80	8"	7,48	-	97,01	304	-	776	5,3	-	12,9		
VR8300 - 11	60	45	51,93	7,80	8"	7,48	-	99,57	326	-	798	5,5	-	13,1		
VR8300 - 12	75	55	54,49	7,80	8"	7,48	-	104,09	348	-	851	5,8	-	13,6		
VR8300 - 13	75	55	57,05	7,80	8"	7,48	-	106,65	370	-	873	6,0	-	13,8		

**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 0,16".  
All dimensions in inches unless otherwise noted.

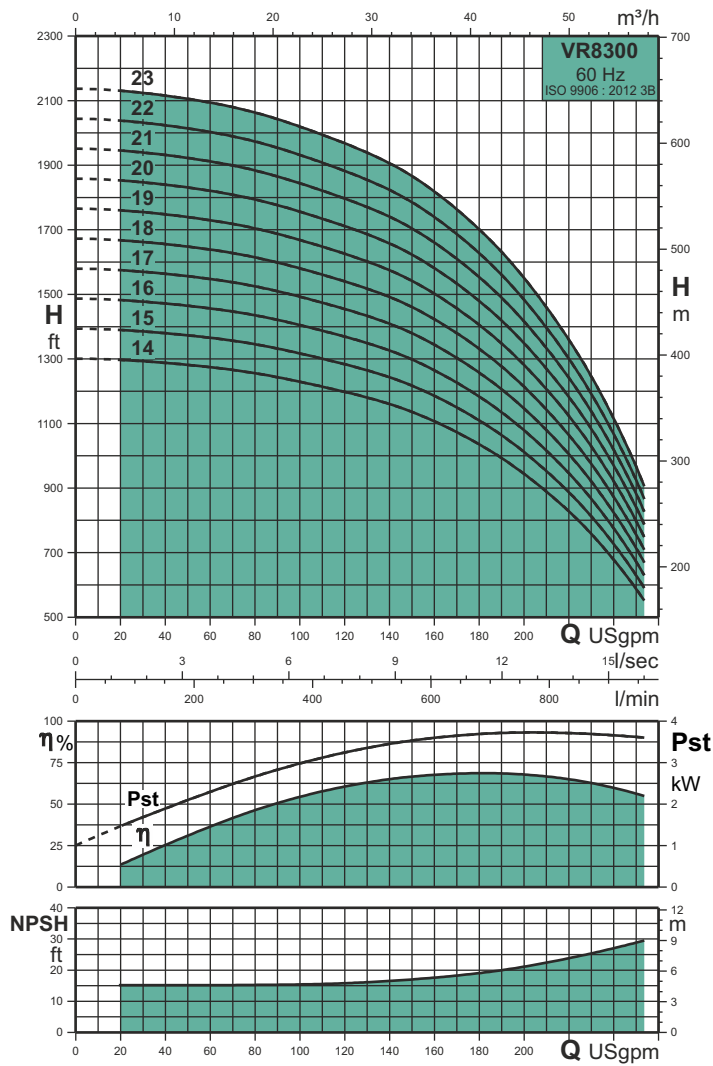




# VR8300

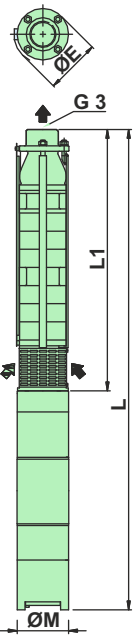
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q							
	HP	kW	0	299	420	553	719	852	961	
			Q USgpm	0	79	111	146	190	225	254
VR8300 - 14	75	55	H ft	1301	1257	1213	1146	992	794	551
VR8300 - 15	90	66		1394	1346	1299	1228	1063	850	591
VR8300 - 16	90	66		1487	1436	1386	1310	1134	907	630
VR8300 - 17	90	66		1580	1526	1472	1392	1205	964	669
VR8300 - 18	100	75		1672	1616	1559	1474	1276	1020	709
VR8300 - 19	100	75		1765	1706	1646	1556	1346	1077	748
VR8300 - 20	125	93		1858	1795	1732	1638	1417	1134	787
VR8300 - 21	125	93		1951	1885	1819	1720	1488	1191	827
VR8300 - 22	125	93		2044	1975	1906	1802	1559	1247	866
VR8300 - 23	125	93		2137	2065	1992	1883	1630	1304	906

Nominal flow rate	190 USgpm
Flow range	20 - 254 USgpm
Head range	Up to 2137 Feet
Max. pump efficiency (η)	68,5%
Motor power	17,5 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft³]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~				
VR8300 - 14	75	55	59,61	7,80	8"	7,48	-	109,21	392	-	895	6,2	-	14,0
VR8300 - 15	90	66	62,17	7,80	8"	7,48	-	118,35	410	-	999	6,2	-	14,8
VR8300 - 16	90	66	64,72	7,80	8"	7,48	-	120,91	441	-	1030	6,7	-	15,3
VR8300 - 17	90	66	70,79	7,80	8"	7,48	-	126,97	472	-	1060	7,2	-	15,8
VR8300 - 18	100	75	73,35	7,80	8"	7,48	-	131,50	494	-	1107	7,4	-	16,2
VR8300 - 19	100	75	75,91	7,80	8"	7,48	-	134,06	516	-	1129	7,6	-	16,5
VR8300 - 20	125	93	78,46	7,80	8"	7,48	-	142,13	540	-	1213	8,1	-	17,6
VR8300 - 21	125	93	81,02	7,80	8"	7,48	-	144,69	560	-	1232	8,2	-	17,7
VR8300 - 22	125	93	83,58	7,80	8"	7,48	-	147,24	580	-	1252	8,4	-	17,9
VR8300 - 23	125	93	86,14	7,80	8"	7,48	-	149,80	600	-	1272	8,6	-	18,1

**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 0,16".

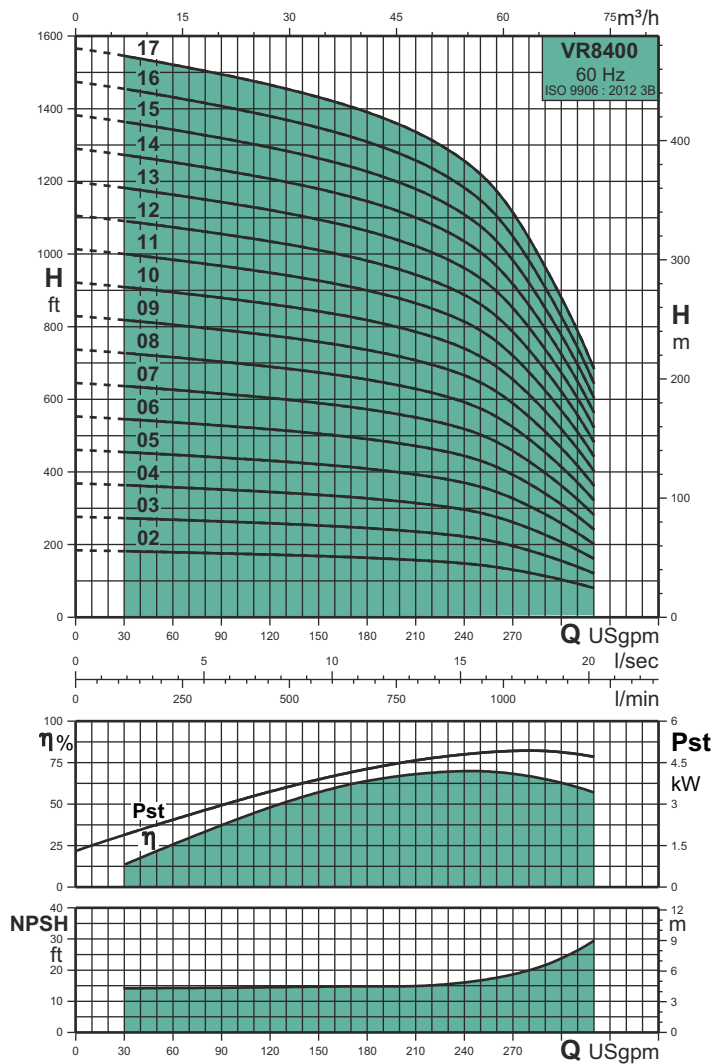
All dimensions in inches unless otherwise noted.



# VR8400

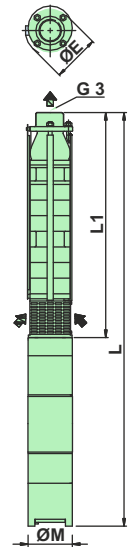
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min							
	HP	kW	0	454	644	814	961	1098	1211	
			Q USgpm							
			0	120	170	215	254	290	320	
GR8400 - 02	15	11	184	172	165	156	142	113	80	
GR8400 - 03	25	18,5	276	259	248	234	213	170	120	
GR8400 - 04	30	22	369	345	331	312	283	227	161	
GR8400 - 05	35	26	461	431	413	390	354	283	201	
GR8400 - 06	50	37	553	517	496	468	425	340	241	
GR8400 - 07	50	37	645	604	579	546	496	397	281	
GR8400 - 08	60	45	737	690	661	624	567	454	321	
GR8400 - 09	75	55	829	776	744	702	638	510	361	
GR8400 - 10	75	55	921	862	827	780	709	567	402	
GR8400 - 11	90	66	1013	948	909	857	780	624	442	
GR8400 - 12	90	66	1106	1035	992	935	850	680	482	
GR8400 - 13	100	75	1198	1121	1075	1013	921	737	522	
GR8400 - 14	100	75	1290	1207	1157	1091	992	794	562	
GR8400 - 15	125	93	1382	1293	1240	1169	1063	850	602	
GR8400 - 16	125	93	1474	1380	1323	1247	1134	907	643	
GR8400 - 17	125	93	1566	1466	1406	1325	1205	964	683	

Nominal flow rate	254 USgpm
Flow range	30 - 320 USgpm
Head range	Up to 1566 Feet
Max. pump efficiency (η)	69,7%
Motor power	15 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]				Gross volume [ft <sup>3</sup> ]			
			L1	$\varnothing E$	WF motor				Pump	Pump + WFM		Pump	Pump + WFM			
					Size	$\varnothing M$	L			1 ~	3 ~		1 ~	3 ~		
							1 ~	3 ~								
VR8400 - 02	15	11	25,39	7,80	6"	5,59	-	56,81	101	-	254	3,0	-	4,9		
VR8400 - 03	25	18,5	27,95	7,80	6"	5,59	-	64,69	130	-	316	3,1	-	5,4		
VR8400 - 04	30	22	30,51	7,80	6"	5,59	-	69,61	154	-	354	3,4	-	5,7		
VR8400 - 05	35	26	33,07	7,80	6"	5,59	-	74,53	174	-	392	3,6	-	6,0		
VR8400 - 06	50	37	35,63	7,80	6"	5,59	-	82,20	201	-	474	4,0	-	8,7		
VR8400 - 07	50	37	38,19	7,80	6"	5,59	-	84,76	218	-	492	4,0	-	8,7		
VR8400 - 08	60	45	40,75	7,80	8"	7,48	-	88,39	240	-	712	4,4	-	12,0		
VR8400 - 09	75	55	46,81	7,80	8"	7,48	-	96,42	278	-	780	4,9	-	12,7		
VR8400 - 10	75	55	49,37	7,80	8"	7,48	-	98,98	304	-	807	5,3	-	13,1		
VR8400 - 11	90	66	51,93	7,80	8"	7,48	-	108,11	326	-	915	5,5	-	14,1		
VR8400 - 12	90	66	54,49	7,80	8"	7,48	-	110,67	348	-	937	5,8	-	14,4		
VR8400 - 13	100	75	57,05	7,80	8"	7,48	-	115,20	370	-	983	6,0	-	14,8		
VR8400 - 14	100	75	59,61	7,80	8"	7,48	-	117,76	392	-	1005	6,2	-	15,1		
VR8400 - 15	125	93	62,17	7,80	8"	7,48	-	125,83	410	-	1082	6,2	-	15,7		
VR8400 - 16	125	93	64,72	7,80	8"	7,48	-	128,39	441	-	1113	6,7	-	16,2		
VR8400 - 17	125	93	70,79	7,80	8"	7,48	-	134,45	472	-	1144	7,2	-	16,7		

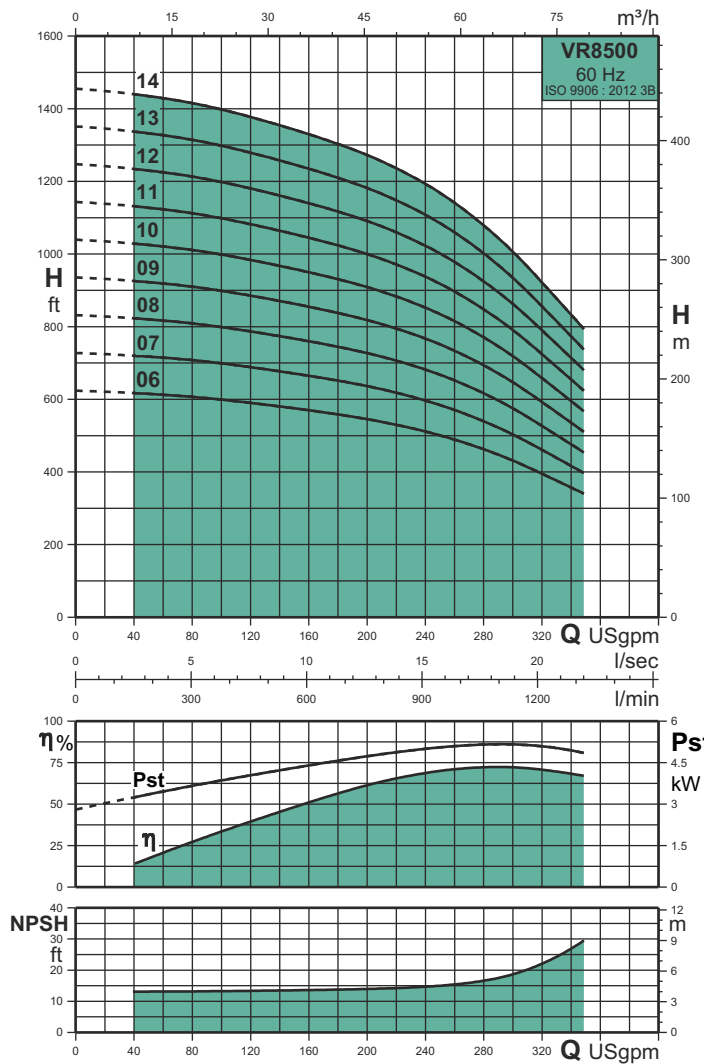
**Note:**  $\varnothing E$  = For single cable motor maximum diameter of pump inclusive of cable guard.  
 For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
 All dimensions in inches unless otherwise noted.



# VR8500

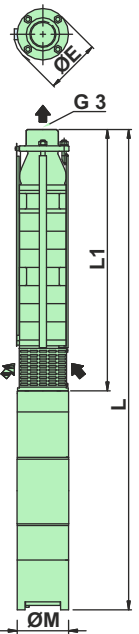
## Radial Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min	0	326	768	946	1128	1238	1321
	HP	kW								
			Q USgpm	0	86	203	250	298	327	349
VR8500 - 06	60	45	H ft	624	605	543	501	435	383	340
VR8500 - 07	75	55		728	706	634	584	507	446	397
VR8500 - 08	75	55		831	806	724	668	580	510	454
VR8500 - 09	90	66		935	907	815	751	652	574	510
VR8500 - 10	90	66		1039	1008	906	835	724	638	567
VR8500 - 11	100	75		1143	1109	996	918	797	702	624
VR8500 - 12	125	93		1247	1209	1087	1002	869	765	680
VR8500 - 13	125	93		1351	1310	1177	1085	942	829	737
VR8500 - 14	125	93		1455	1411	1268	1169	1014	893	794

Nominal flow rate	298 USgpm
Flow range	40 - 349 USgpm
Head range	Up to 1455 Feet
Max. pump efficiency (η)	72,3%
Motor power	60 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 3



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft³]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW	1 ~	3 ~										
VR8500 - 06	60	45	38,11	7,80	8"	7,48	-	85,75	181	-	653	4,0	-	11,5
VR8500 - 07	75	55	40,87	7,80	8"	7,48	-	90,47	196	-	699	4,4	-	12,2
VR8500 - 08	75	55	44,09	7,80	8"	7,48	-	93,70	214	-	717	4,9	-	12,7
VR8500 - 09	90	66	46,85	7,80	8"	7,48	-	103,03	238	-	827	4,9	-	13,5
VR8500 - 10	90	66	49,61	7,80	8"	7,48	-	105,79	254	-	842	5,1	-	13,7
VR8500 - 11	100	75	52,36	7,80	8"	7,48	-	110,51	269	-	882	5,3	-	14,2
VR8500 - 12	125	93	55,12	7,80	8"	7,48	-	118,78	282	-	955	5,5	-	15,0
VR8500 - 13	125	93	57,87	7,80	8"	7,48	-	121,54	298	-	970	5,8	-	15,3
VR8500 - 14	125	93	60,63	7,80	8"	7,48	-	124,29	311	-	983	6,0	-	15,5

**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 0,16".

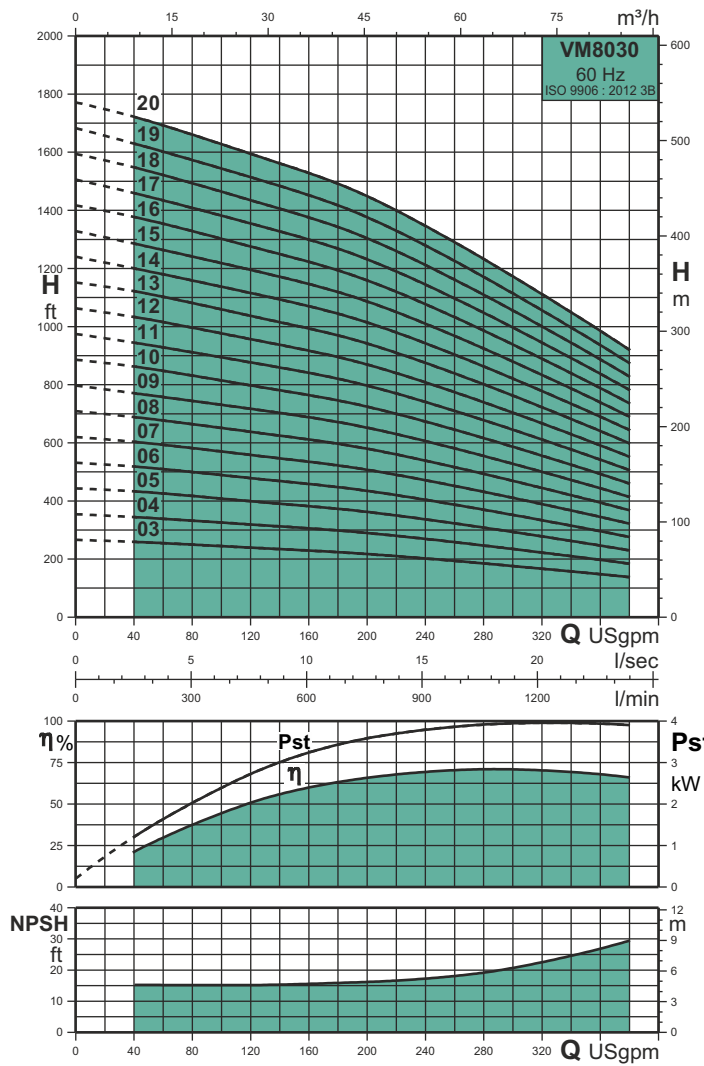
All dimensions in inches unless otherwise noted.



# VM8030

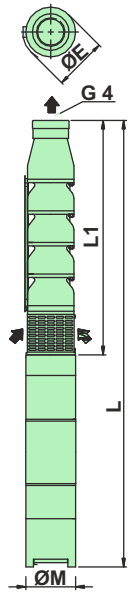
## Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q							
	HP	kW	l/min	0	150	500	690	800	1070	1440
			Q USgpm	0	40	132	182	211	283	380
VM8030 - 03	17,5	13		266	259	236	223	213	184	138
VM8030 - 04	25	18,5		354	344	315	297	284	245	184
VM8030 - 05	30	22		443	433	394	372	355	306	230
VM8030 - 06	35	26		531	518	472	446	427	367	276
VM8030 - 07	40	30		620	604	551	521	498	429	322
VM8030 - 08	50	37		709	689	630	595	569	490	367
VM8030 - 09	50	37		797	771	709	669	640	551	413
VM8030 - 10	60	45		886	863	787	744	711	612	459
VM8030 - 11	60	45		974	945	866	818	782	674	505
VM8030 - 12	75	55		1063	1033	945	892	853	735	551
VM8030 - 13	75	55		1152	1122	1024	967	924	796	597
VM8030 - 14	75	55		1240	1201	1102	1041	995	857	643
VM8030 - 15	90	66		1329	1286	1181	1115	1066	919	689
VM8030 - 16	90	66		1417	1378	1260	1190	1137	980	735
VM8030 - 17	90	66		1506	1460	1339	1264	1208	1041	781
VM8030 - 18	100	75		1594	1549	1417	1339	1280	1102	827
VM8030 - 19	100	75		1683	1631	1496	1413	1351	1164	873
VM8030 - 20	125	93		1772	1722	1575	1487	1422	1225	919

Nominal flow rate	283 USgpm
Flow range	40 - 380 USgpm
Head range	Up to 1772 Feet
Max. pump efficiency (η)	71%
Motor power	17,5 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 4



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]				Gross volume [ft³]			
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM				
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~				
	HP	kW					1 ~	3 ~								
VM8030 - 03	17,5	13	28,07	7,72	6"	5,59	-	60,87	148	-	310	3,1	-	5,1		
VM8030 - 04	25	18,5	32,80	7,72	6"	5,59	-	69,53	179	-	365	3,6	-	6,0		
VM8030 - 05	30	22	37,52	7,72	6"	5,59	-	76,61	207	-	407	4,0	-	6,3		
VM8030 - 06	35	26	42,24	7,72	6"	5,59	-	83,70	236	-	454	4,4	-	6,6		
VM8030 - 07	40	30	46,97	7,72	6"	5,59	-	91,57	265	-	511	4,9	-	9,8		
VM8030 - 08	50	37	51,69	7,72	6"	5,59	-	98,27	298	-	571	5,3	-	10,0		
VM8030 - 09	50	37	56,42	7,72	6"	5,59	-	102,99	328	-	602	5,8	-	10,5		
VM8030 - 10	60	45	61,14	7,72	8"	7,48	-	108,78	357	-	629	6,2	-	13,7		
VM8030 - 11	60	45	65,87	7,72	8"	7,48	-	113,50	377	-	649	6,5	-	14,0		
VM8030 - 12	75	55	70,59	7,72	8"	7,48	-	120,20	399	-	902	6,7	-	14,5		
VM8030 - 13	75	55	75,31	7,72	8"	7,48	-	124,92	419	-	922	7,0	-	14,8		
VM8030 - 14	75	55	80,04	7,72	8"	7,48	-	129,65	441	-	944	7,3	-	15,1		
VM8030 - 15	90	66	84,76	7,72	8"	7,48	-	140,94	463	-	1052	7,6	-	16,2		
VM8030 - 16	90	66	89,49	7,72	8"	7,48	-	145,67	514	-	1102	8,5	-	17,1		
VM8030 - 17	90	66	94,21	7,72	8"	7,48	-	150,39	567	-	1155	9,4	-	18,0		
VM8030 - 18	100	75	98,94	7,72	8"	7,48	-	157,09	597	-	1210	9,9	-	18,7		
VM8030 - 19	100	75	103,66	7,72	8"	7,48	-	161,81	628	-	1241	10,3	-	19,2		
VM8030 - 20	125	93	108,39	7,72	8"	7,48	-	172,05	655	-	1327	10,7	-	20,2		

**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 0,16".

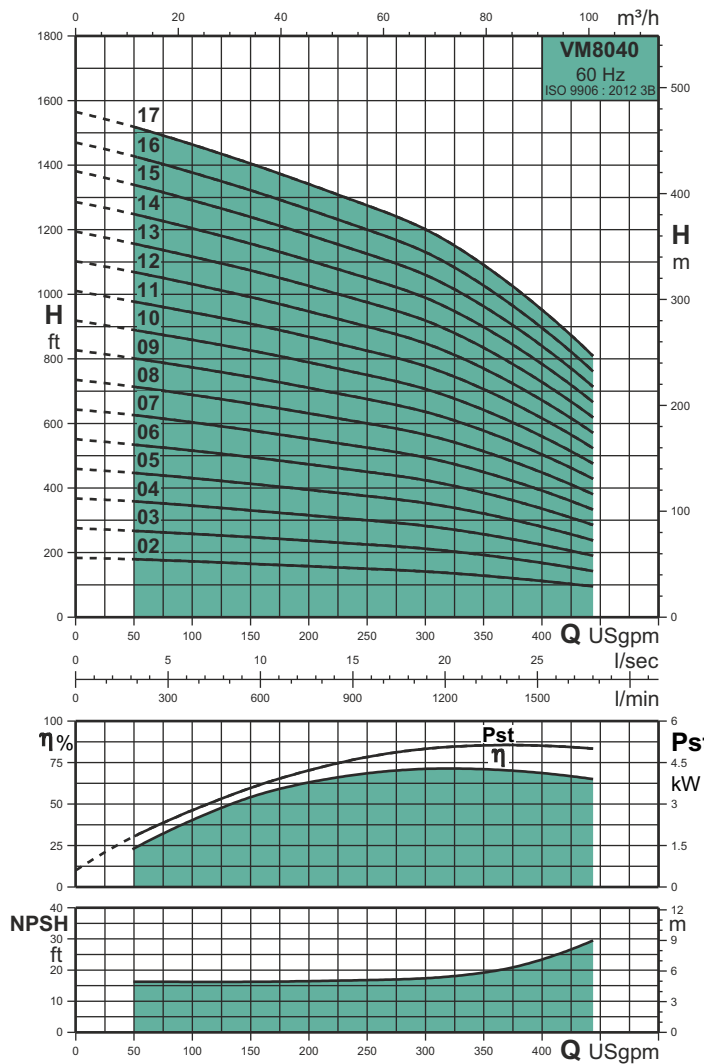
All dimensions in inches unless otherwise noted.



# VM8040

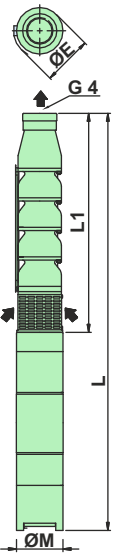
## Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q															
	HP	kW	l/min	0	150	600	925	1140	1410	1680	0	40	159	244	301	372	444	
VM8040 - 02	15	11	Q USgpm	184	180	164	151	141	121	95								
VM8040 - 03	25	18,5		276	269	246	226	212	182	143								
VM8040 - 04	30	22		367	361	328	302	282	243	190								
VM8040 - 05	35	26		459	449	410	377	353	303	238								
VM8040 - 06	50	37		551	538	492	453	423	364	285								
VM8040 - 07	50	37		643	630	574	528	494	425	333								
VM8040 - 08	60	45		735	719	656	604	564	486	381								
VM8040 - 09	75	55		827	807	738	679	635	546	428								
VM8040 - 10	75	55		919	896	820	755	705	607	476								
VM8040 - 11	90	66		1010	984	902	830	776	668	523								
VM8040 - 12	90	66		1102	1076	984	906	846	728	571								
VM8040 - 13	100	75		1194	1165	1066	981	917	789	618								
VM8040 - 14	100	75		1286	1257	1148	1056	988	850	666								
VM8040 - 15	125	93		1381	1348	1230	1132	1058	910	714								
VM8040 - 16	125	93		1470	1437	1312	1207	1129	971	761								
VM8040 - 17	125	93		1565	1529	1394	1283	1199	1032	809								

Nominal flow rate	301 USgpm
Flow range	50 - 444 USgpm
Head range	Up to 1565 Feet
Max. pump efficiency (η)	71.2%
Motor power	15 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 4



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]				Gross volume [ft³]			
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM				
					Tamaño Size Taille	ØM	L		1 ~	3 ~		1 ~	3 ~			
							1 ~							3 ~		
VM8040 - 02	15	11	23,35	7,72	6"	5,59	-	54,76	112	-	265	2,3	-	4,3		
VM8040 - 03	25	18,5	28,07	7,72	6"	5,59	-	64,80	148	-	334	3,1	-	5,4		
VM8040 - 04	30	22	32,80	7,72	6"	5,59	-	71,89	179	-	378	3,6	-	6,0		
VM8040 - 05	35	26	37,52	7,72	6"	5,59	-	78,98	207	-	425	4,0	-	6,3		
VM8040 - 06	50	37	42,24	7,72	6"	5,59	-	88,82	236	-	509	4,4	-	9,1		
VM8040 - 07	50	37	46,97	7,72	6"	5,59	-	93,54	265	-	538	4,9	-	9,6		
VM8040 - 08	60	45	51,69	7,72	8"	7,48	-	99,33	298	-	769	5,3	-	12,9		
VM8040 - 09	75	55	56,42	7,72	8"	7,48	-	106,02	328	-	831	5,8	-	13,6		
VM8040 - 10	75	55	61,14	7,72	8"	7,48	-	110,75	357	-	860	6,2	-	14,0		
VM8040 - 11	90	66	65,87	7,72	8"	7,48	-	122,05	377	-	966	6,5	-	15,0		
VM8040 - 12	90	66	70,59	7,72	8"	7,48	-	126,77	399	-	988	6,7	-	15,3		
VM8040 - 13	100	75	75,31	7,72	8"	7,48	-	133,46	419	-	1032	7,0	-	15,8		
VM8040 - 14	100	75	80,04	7,72	8"	7,48	-	138,19	441	-	1054	7,3	-	16,1		
VM8040 - 15	125	93	84,76	7,72	8"	7,48	-	148,43	463	-	1135	7,6	-	17,1		
VM8040 - 16	125	93	89,49	7,72	8"	7,48	-	153,15	514	-	1186	8,5	-	18,0		
VM8040 - 17	125	93	94,21	7,72	8"	7,48	-	157,87	567	-	1239	9,4	-	18,9		

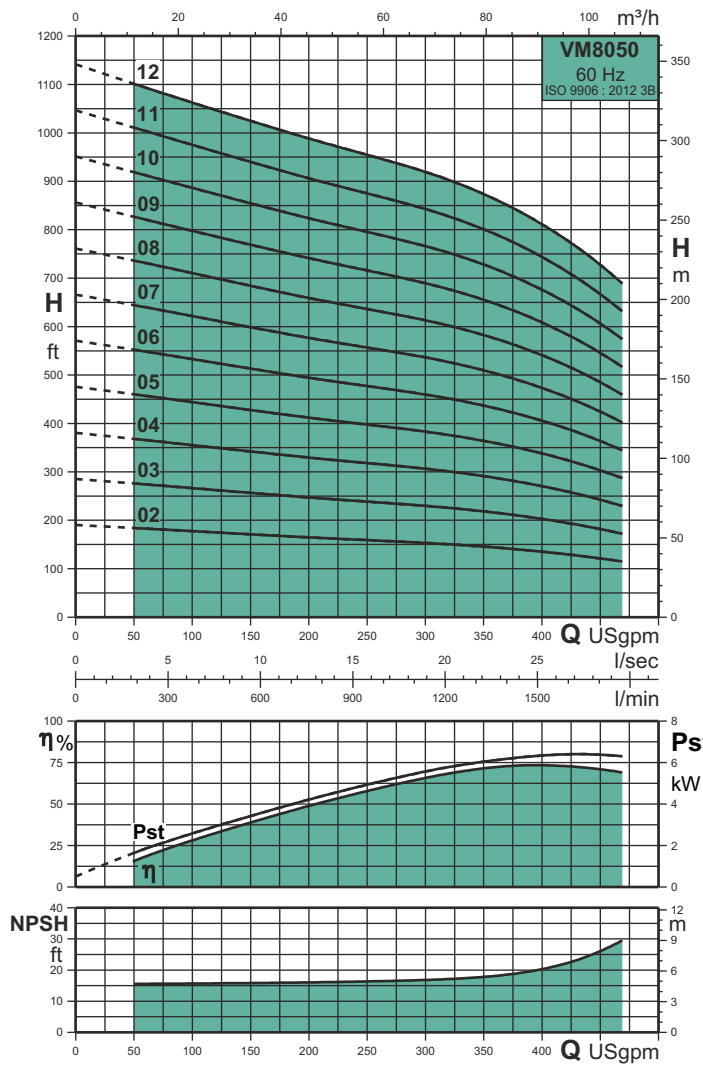
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VM8050

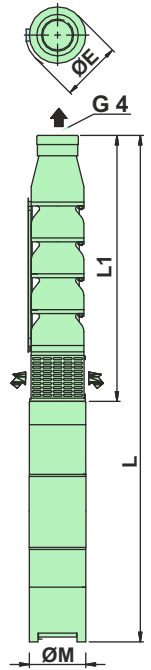
## Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q													
	HP	kW	0	200	780	1200	1415	1620	1775	0	53	206	317	374	428	469
VM8050 - 02	17,5	13	190	184	164	151	141	128	115							
VM8050 - 03	30	22	285	276	246	226	212	192	172							
VM8050 - 04	35	26	381	367	328	302	282	256	230							
VM8050 - 05	50	37	476	459	410	377	353	320	287							
VM8050 - 06	60	45	571	551	492	453	423	384	344							
VM8050 - 07	75	55	666	643	574	528	494	448	402							
VM8050 - 08	75	55	761	735	656	604	564	512	459							
VM8050 - 09	90	66	856	825	738	679	635	576	517							
VM8050 - 10	90	66	951	917	820	755	705	640	574							
VM8050 - 11	100	75	1047	1009	902	830	776	704	632							
VM8050 - 12	125	93	1142	1099	984	906	846	768	689							

Nominal flow rate	374 USGpm
Flow range	50 - 469 USGpm
Head range	Up to 1142 Feet
Max. pump efficiency (η)	73%
Motor power	17,5 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 4



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft <sup>3</sup> ]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW					1 ~	3 ~						
VM8050 - 02	17,5	13	24,13	7,72	6"	5,59	-	56,93	134	-	297	3,1	-	5,1
VM8050 - 03	30	22	29,25	7,72	6"	5,59	-	68,35	174	-	374	3,4	-	5,7
VM8050 - 04	35	26	34,37	7,72	6"	5,59	-	75,83	203	-	421	3,6	-	6,0
VM8050 - 05	50	37	39,49	7,72	6"	5,59	-	86,06	238	-	511	4,4	-	9,1
VM8050 - 06	60	45	44,61	7,72	8"	7,48	-	92,24	271	-	743	4,9	-	12,4
VM8050 - 07	75	55	49,72	7,72	8"	7,48	-	99,33	304	-	807	5,3	-	13,1
VM8050 - 08	75	55	54,84	7,72	8"	7,48	-	104,45	337	-	840	5,8	-	13,6
VM8050 - 09	90	66	59,96	7,72	8"	7,48	-	116,14	370	-	959	6,2	-	14,8
VM8050 - 10	90	66	65,08	7,72	8"	7,48	-	121,26	401	-	990	6,7	-	15,3
VM8050 - 11	100	75	70,20	7,72	8"	7,48	-	128,35	434	-	1047	7,2	-	16,0
VM8050 - 12	125	93	75,31	7,72	8"	7,48	-	138,98	467	-	1140	7,6	-	17,1

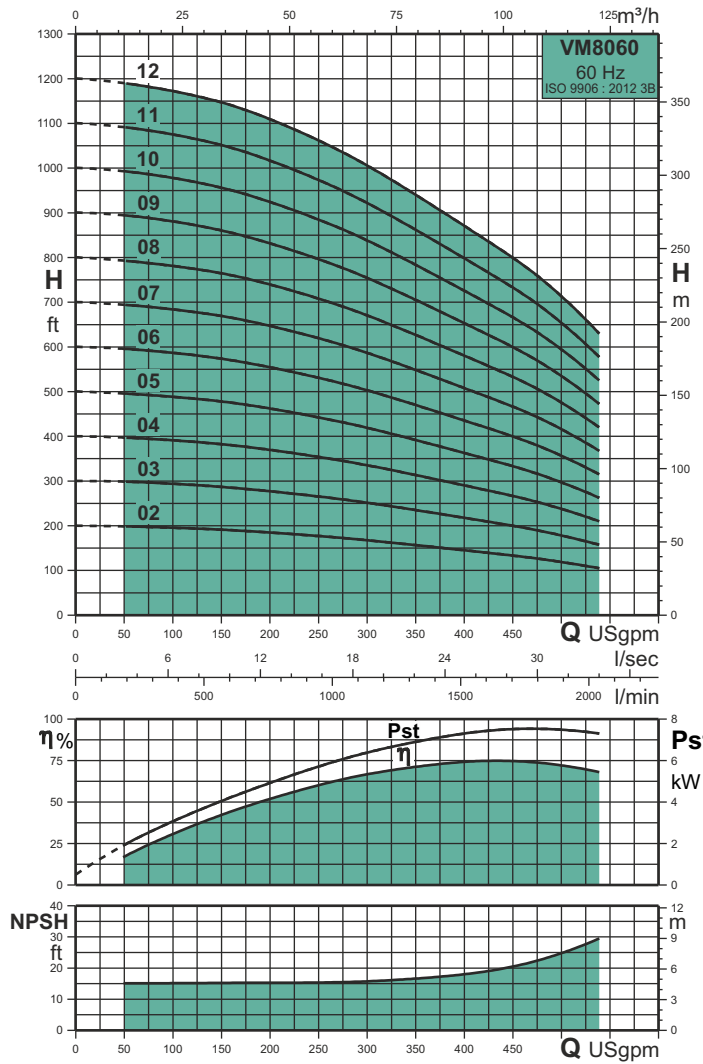
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VM8060

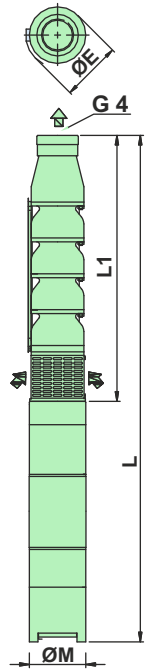
## Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min	0	200	600	1080	1580	1780	2040
	HP	kW								
			Q USgpm	0	53	159	285	417	470	539
VM8060 - 02	25	18,5	H ft	200	198	190	171	141	128	105
VM8060 - 03	30	22		300	299	285	256	212	192	157
VM8060 - 04	50	37		400	397	381	341	282	256	210
VM8060 - 05	60	45		500	495	476	427	353	320	262
VM8060 - 06	75	55		600	595	571	512	423	384	315
VM8060 - 07	75	55		700	694	666	597	494	448	367
VM8060 - 08	90	66		801	792	761	682	564	512	420
VM8060 - 09	100	75		901	894	856	768	635	576	472
VM8060 - 10	125	93		1001	992	951	853	705	640	525
VM8060 - 11	125	93		1101	1091	1047	938	776	704	577
VM8060 - 12	125	93		1201	1189	1142	1024	846	768	630

Nominal flow rate	417 USgpm
Flow range	50 - 539 USgpm
Head range	Up to 1201 Feet
Max. pump efficiency (η)	74,7%
Motor power	25 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 4



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft <sup>3</sup> ]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~				
VM8060 - 02	25	18,5	24,13	7,72	6"	5,59	-	60,87	134	-	321	3,1	-	5,4
VM8060 - 03	30	22	29,25	7,72	6"	5,59	-	68,35	174	-	374	3,4	-	5,7
VM8060 - 04	50	37	34,37	7,72	6"	5,59	-	80,94	203	-	476	3,6	-	8,3
VM8060 - 05	60	45	39,49	7,72	8"	7,48	-	87,13	238	-	710	4,4	-	12,0
VM8060 - 06	75	55	44,61	7,72	8"	7,48	-	94,21	271	-	774	4,9	-	12,7
VM8060 - 07	75	55	49,72	7,72	8"	7,48	-	99,33	304	-	807	5,3	-	13,1
VM8060 - 08	90	66	54,84	7,72	8"	7,48	-	111,02	337	-	926	5,8	-	14,4
VM8060 - 09	100	75	59,96	7,72	8"	7,48	-	118,11	370	-	983	6,2	-	15,1
VM8060 - 10	125	93	65,08	7,72	8"	7,48	-	128,74	401	-	1074	6,7	-	16,2
VM8060 - 11	125	93	70,20	7,72	8"	7,48	-	133,86	434	-	1107	7,2	-	16,7
VM8060 - 12	125	93	75,31	7,72	8"	7,48	-	138,98	467	-	1140	7,6	-	17,1

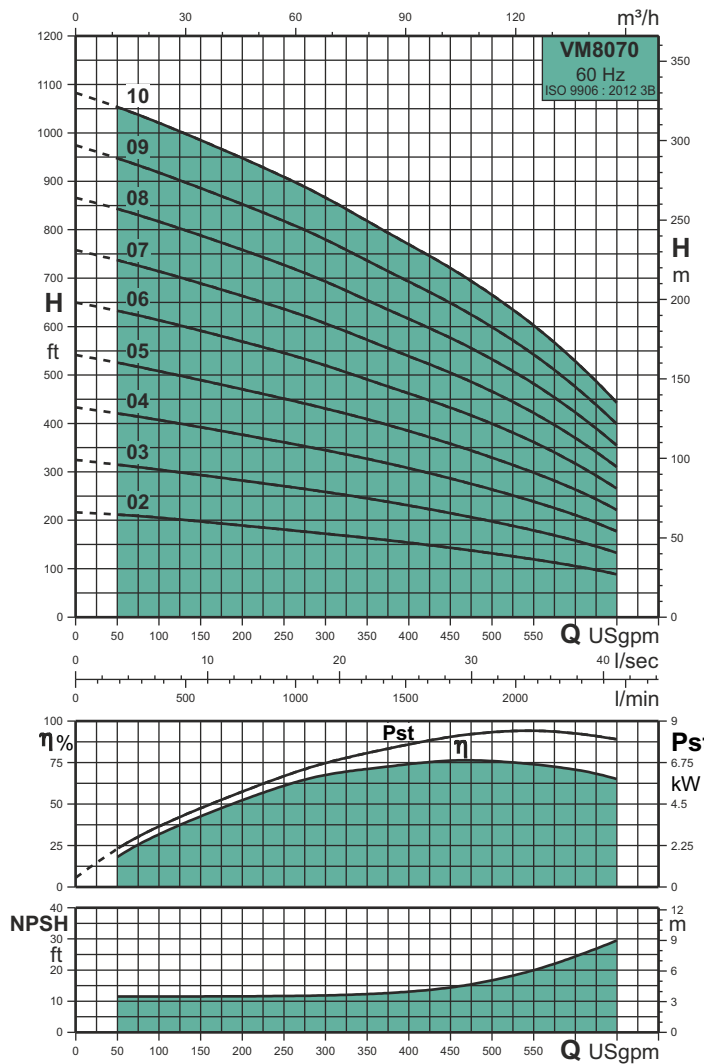
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VM8070

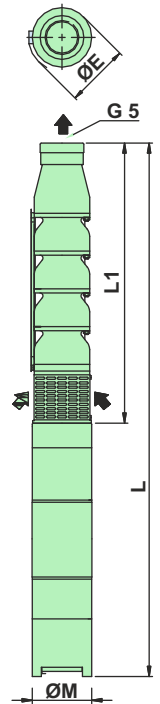
## Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q USgpm	0	1100	1380	1740	2100	2355	2460
	HP	kW		0	291	365	460	555	622	650
VM8070 - 02	25	18,5	H ft	217	174	161	141	118	98	89
VM8070 - 03	40	30		325	261	241	212	177	148	133
VM8070 - 04	50	37		433	348	322	282	236	197	177
VM8070 - 05	75	55		541	435	402	353	295	246	221
VM8070 - 06	75	55		650	525	482	427	358	295	266
VM8070 - 07	90	66		758	612	563	498	417	344	310
VM8070 - 08	100	75		866	700	643	569	477	394	354
VM8070 - 09	125	93		974	787	723	640	536	443	399
VM8070 - 10	125	93		1083	875	804	711	596	492	443

Nominal flow rate	460 USgpm
Flow range	50 - 650 USgpm
Head range	Up to 1083 Feet
Max. pump efficiency (η)	76%
Motor power	25 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 5



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft³]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~				
VM8070 - 02	25	18,5	26,97	7,72	6"	5,59	-	63,70	137	-	323	3,1	-	5,4
VM8070 - 03	40	30	32,28	7,72	6"	5,59	-	76,89	172	-	419	3,6	-	8,3
VM8070 - 04	50	37	37,60	7,72	6"	5,59	-	84,17	209	-	483	4,0	-	8,7
VM8070 - 05	75	55	42,91	7,72	8"	7,48	-	92,52	243	-	745	4,4	-	12,2
VM8070 - 06	75	55	48,23	7,72	8"	7,48	-	97,83	280	-	783	4,9	-	12,7
VM8070 - 07	90	66	53,54	7,72	8"	7,48	-	109,72	326	-	915	5,8	-	14,4
VM8070 - 08	100	75	58,86	7,72	8"	7,48	-	117,01	355	-	968	5,8	-	14,6
VM8070 - 09	125	93	64,17	7,72	8"	7,48	-	127,83	399	-	1071	6,7	-	16,2
VM8070 - 10	125	93	69,49	7,72	8"	7,48	-	133,15	434	-	1107	7,2	-	16,7

**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 0,16".

All dimensions in inches unless otherwise noted.

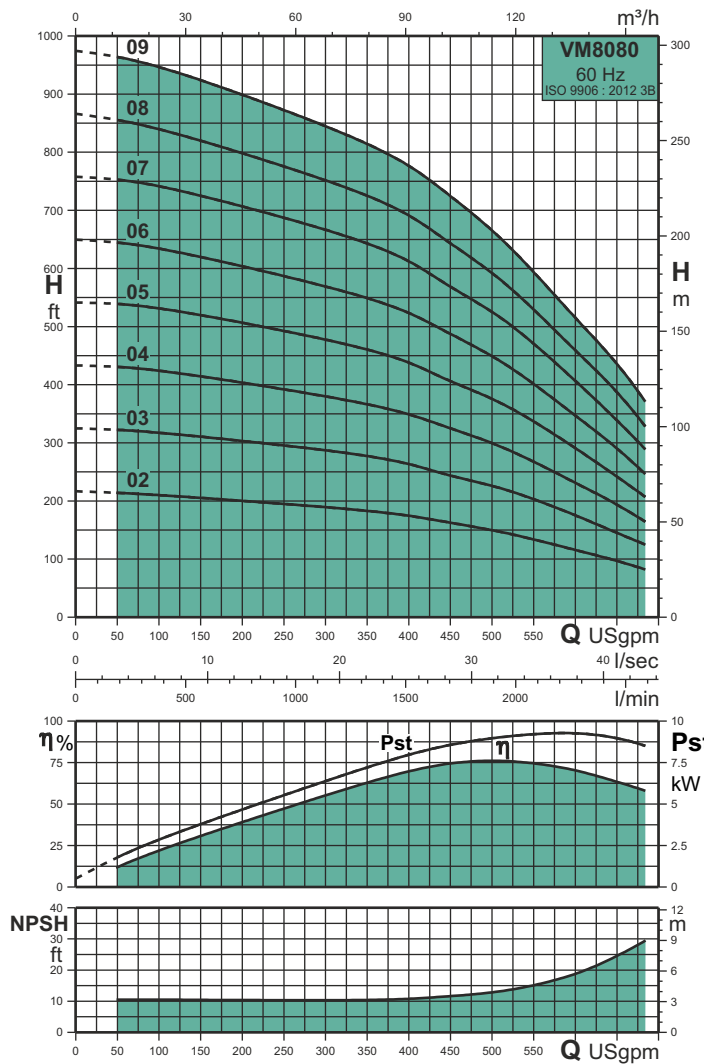




# Vm8080

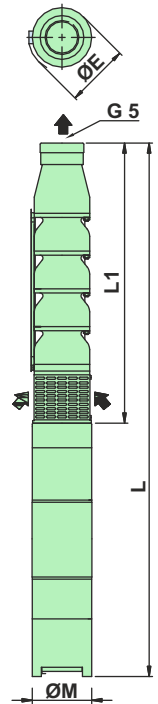
## Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min	0	1525	1680	1920	2280	2445	2590
	HP	kW		Q USgpm	0	403	444	507	602	646
VM8080 - 02	30	22	H ft	217	174	164	148	115	98	82
VM8080 - 03	50	37		325	262	246	223	174	148	125
VM8080 - 04	60	45		433	348	328	295	230	197	164
VM8080 - 05	75	55		541	436	410	371	289	246	207
VM8080 - 06	90	66		650	522	492	443	344	295	246
VM8080 - 07	100	75		758	610	574	518	404	344	289
VM8080 - 08	125	93		866	689	650	584	456	394	328
VM8080 - 09	125	93		974	774	732	656	512	443	371

Nominal flow rate	507 USgpm
Flow range	50 - 684 USgpm
Head range	Up to 974 Feet
Max. pump efficiency (η)	76%
Motor power	30 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 5



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft <sup>3</sup> ]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~				
VM8080 - 02	30	22	26,97	7,72	6"	5,59	-	66,06	137	-	336	3,1	-	5,4
VM8080 - 03	50	37	32,28	7,72	6"	5,59	-	78,86	172	-	445	3,6	-	8,3
VM8080 - 04	60	45	37,60	7,72	8"	7,48	-	85,24	209	-	681	4,0	-	11,5
VM8080 - 05	75	55	42,91	7,72	8"	7,48	-	92,52	243	-	745	4,4	-	12,2
VM8080 - 06	90	66	48,23	7,72	8"	7,48	-	104,41	280	-	869	4,9	-	13,5
VM8080 - 07	100	75	53,54	7,72	8"	7,48	-	111,69	326	-	939	5,8	-	14,6
VM8080 - 08	125	93	58,86	7,72	8"	7,48	-	122,52	355	-	1027	5,8	-	15,3
VM8080 - 09	125	93	64,17	7,72	8"	7,48	-	127,83	399	-	1071	6,7	-	16,2

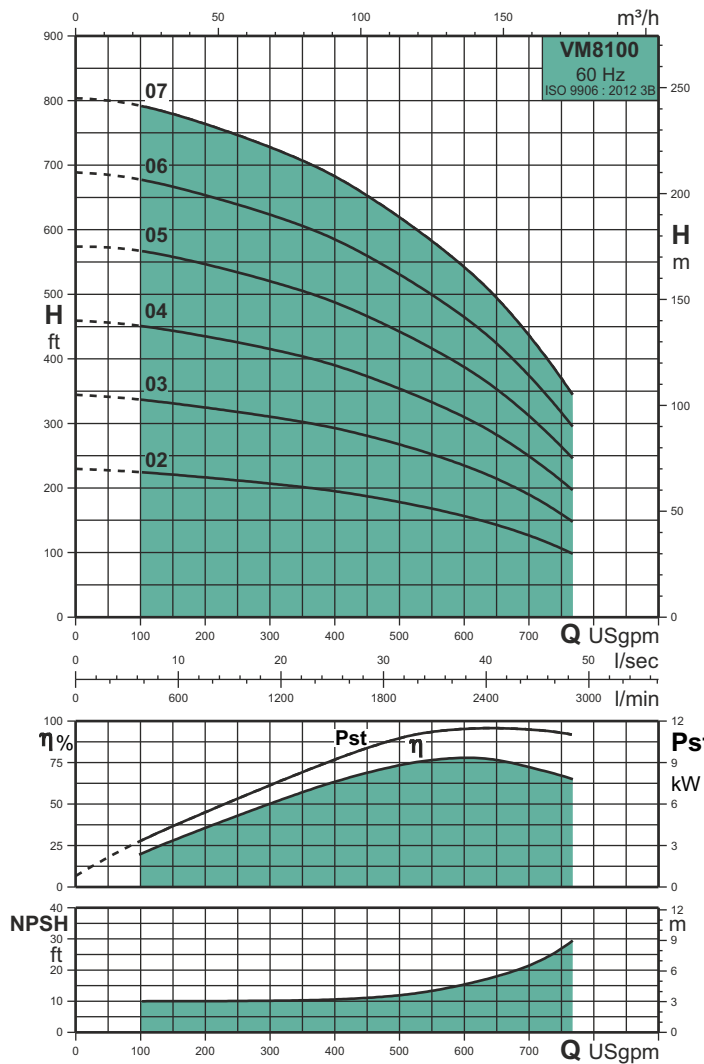
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VM8100

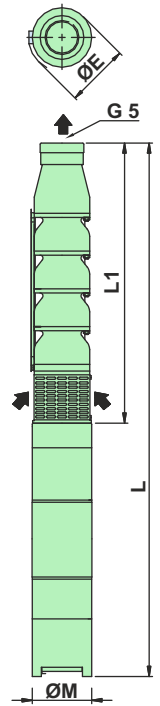
## Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q l/min	0	1470	1980	2400	2735	2905
	HP	kW							
VM8100 - 02	35	26	Q USgpm	0	388	523	634	723	767
VM8100 - 03	60	45	H ft	230	197	174	148	118	98
VM8100 - 04	75	55		344	295	261	221	177	148
VM8100 - 05	90	66		459	394	344	292	233	197
VM8100 - 06	125	93		574	492	431	365	291	246
VM8100 - 06	125	93		689	591	517	438	349	295
VM8100 - 07	125	93		804	689	603	511	408	344

Nominal flow rate	634 USgpm
Flow range	100 - 767 USgpm
Head range	Up to 804 Feet
Max. pump efficiency (η)	77,3%
Motor power	35 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 5



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft³]		
			L1	ØE	WF motor				Pump	Pump + WFM		Pump	Pump + WFM	
					Size	ØM	L			1 ~	3 ~		1 ~	3 ~
							1 ~	3 ~						
VM8100 - 02	35	26	26,97	7,72	6"	5,59	-	68,43	137	-	355	3,1	-	7,5
VM8100 - 03	60	45	32,28	7,72	8"	7,48	-	79,92	172	-	644	3,6	-	11,2
VM8100 - 04	75	55	37,60	7,72	8"	7,48	-	87,20	209	-	712	4,0	-	11,8
VM8100 - 05	90	66	42,91	7,72	8"	7,48	-	99,09	243	-	831	4,4	-	13,0
VM8100 - 06	125	93	48,23	7,72	8"	7,48	-	111,89	280	-	952	4,9	-	14,4
VM8100 - 07	125	93	53,54	7,72	8"	7,48	-	117,20	326	-	999	5,8	-	15,3

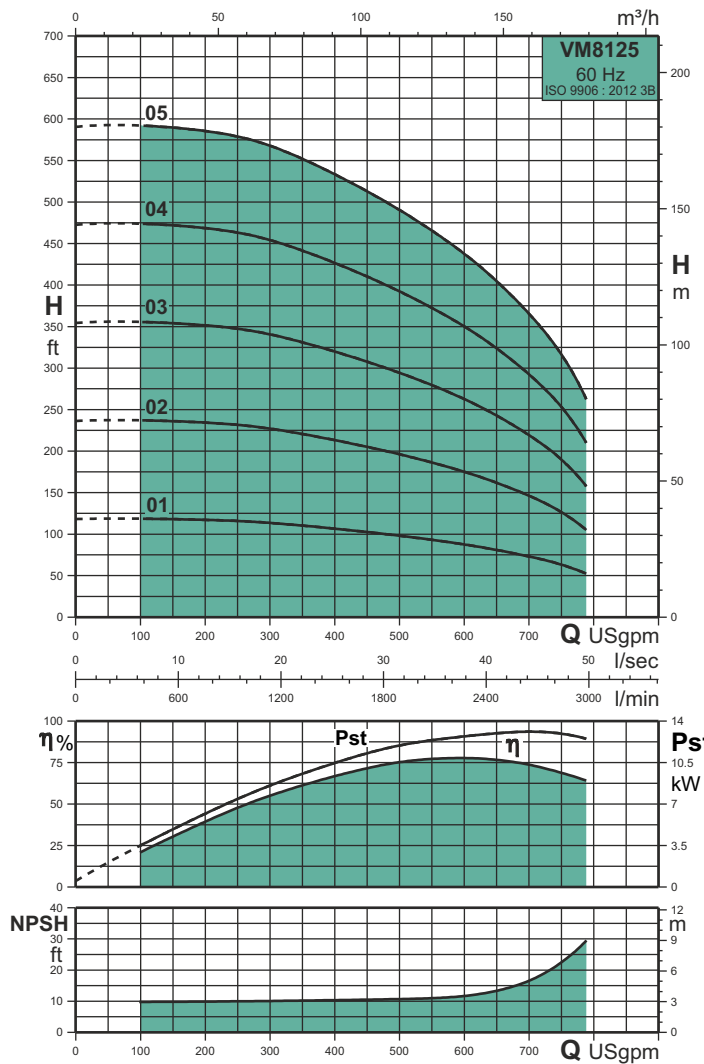
**Note:** ØE = For single cable motor maximum diameter of pump inclusive of cable guard.  
For two cable motor maximum diameter of pump inclusive of cable guard will increase by 0,16".  
All dimensions in inches unless otherwise noted.



# VM8125

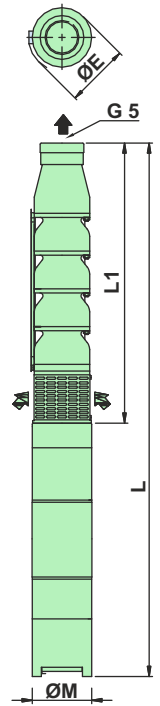
Mixed Flow Pump Characteristic Curves & Technical Data

# 8"



Pump type	P <sub>2</sub>		Q							
	HP	kW	l/min	0	1040	1880	2340	2670	2800	2985
			Q USgpm	0	275	497	618	705	740	789
VM8125 - 01	25	18,5	H ft	118	115	98	85	72	66	52
VM8125 - 02	50	37		236	230	197	171	144	131	105
VM8125 - 03	75	55		354	344	295	256	217	197	157
VM8125 - 04	90	66		472	459	394	341	289	262	210
VM8125 - 05	125	93		591	574	492	427	361	328	262

Nominal flow rate	618 USgpm
Flow range	100 - 789 USgpm
Head range	Up to 591 Feet
Max. pump efficiency (η)	77,5%
Motor power	25 - 125 HP
Rated speed	3450 rpm
Pipe connection	G 5



Pump type	P <sub>2</sub>		Dimensions [inch]						Gross weight [lbs]			Gross volume [ft³]		
			L1	ØE	WF motor			Pump	Pump + WFM		Pump	Pump + WFM		
	Size	ØM			L		1 ~		3 ~	1 ~		3 ~		
	HP	kW	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~	1 ~	3 ~				
VM8125 - 01	25	18,5	21,65	7,72	6"	5,59	-	58,39	104	-	290	3,0	-	5,3
VM8125 - 02	50	37	26,97	7,72	6"	5,59	-	73,54	137	-	410	3,1	-	7,8
VM8125 - 03	75	55	32,28	7,72	8"	7,48	-	81,89	172	-	675	3,6	-	11,4
VM8125 - 04	90	66	37,60	7,72	8"	7,48	-	93,78	209	-	798	4,0	-	12,6
VM8125 - 05	125	93	42,91	7,72	8"	7,48	-	106,57	243	-	915	4,4	-	13,9

**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 0,16".  
All dimensions in inches unless otherwise noted.

