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2SD/2.5SD

Typical Applications

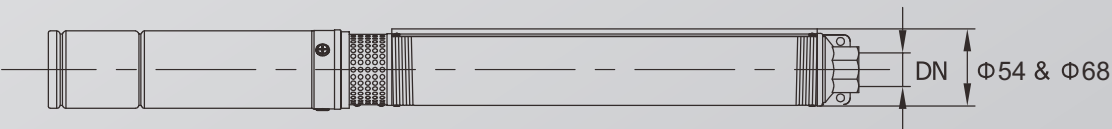
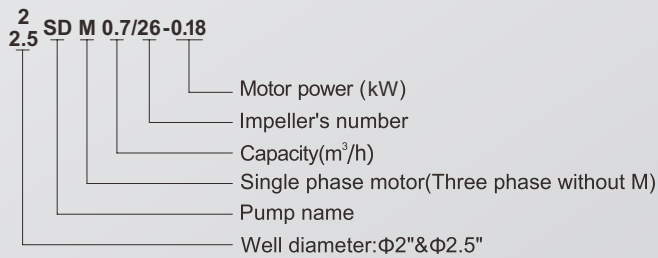
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
2SD0.7	1	0.24~0.72	40~19
2.5SD1.5	2.5	0.3~2.1	76~8

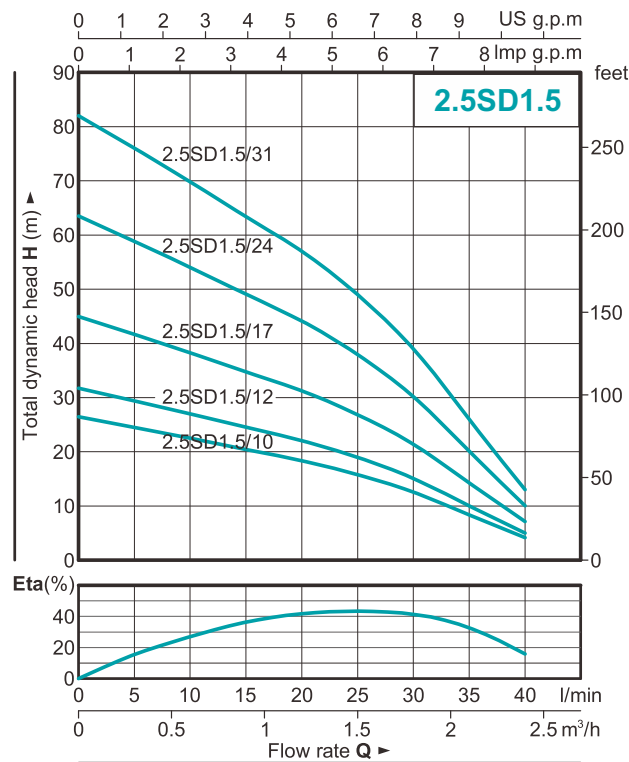
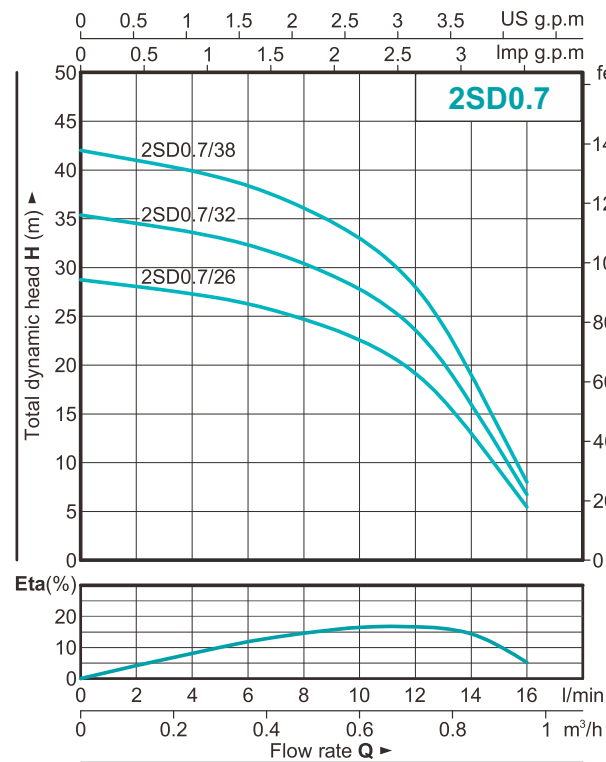
Motor

- Continuous service
- Power: 0.15~0.55 kW (Single phase)
- Power: 0.15~0.55kW (Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Ø2" & Ø2.5"
- Highest temperature of liquid: 40 °C



2SD0.7/2.5SD1.5

2&2.5"



PERFORMANCE DATA 50Hz

Outlet: G¹/₂"~G³/₄"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.12	0.24	0.36	0.48	0.6	0.72	0.84	0.96
2SDM0.7/26	2SD0.7/26	0.18	0.25	H(m)		29	28	27	26	25	23	19	13	5
2SDM0.7/32	2SD0.7/32	0.25	0.33			35	35	34	32	30	28	24	16	7
2SDM0.7/38	2SD0.7/38	0.37	0.5			42	41	40	38	36	33	28	19	8

PERFORMANCE DATA 50Hz

Outlet: G³/₄"~G1"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
						0	5	10	15	20	25	30	35	40
2.5SDM1.5/10	2.5SD1.5/10	0.15	0.2	H(m)		26	25	23	20	18	16	13	8	4
2.5SDM1.5/12	2.5SD1.5/12	0.18	0.25			32	29	27	25	22	19	15	10	5
2.5SDM1.5/17	2.5SD1.5/17	0.25	0.33			45	42	38	35	31	27	21	14	7
2.5SDM1.5/24	2.5SD1.5/24	0.37	0.5			63	59	54	49	44	38	30	20	10
2.5SDM1.5/31	2.5SD1.5/31	0.55	0.75			82	76	70	63	57	49	39	26	13

3SD/3.5SD

Typical Applications

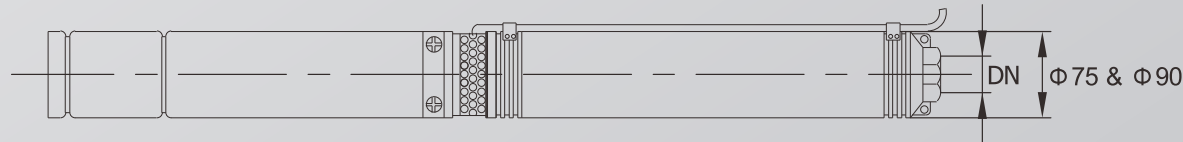
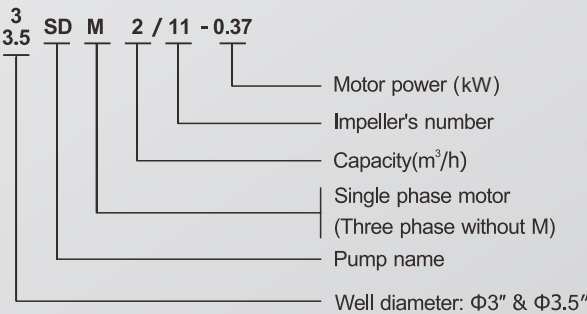
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
3SD1	3	0.6~2.1	203~18
3SD2	3.6	0.6~2.4	170~17
3SD2.5	4	1.2~3	143~13
3SD3	5.2	1.2~4.2	108~10
3SD5	7.6	2.4~6.6	71~6
3.5SD2	4.5	0.6~3	142~20
3.5SD3	6	1.2~4.2	109~18
3.5SD4	7	1.2~5.4	103~10

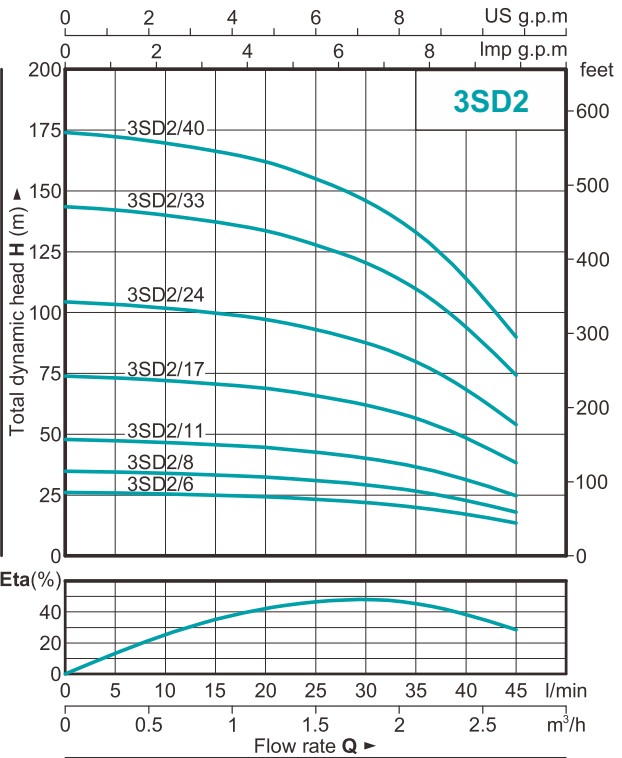
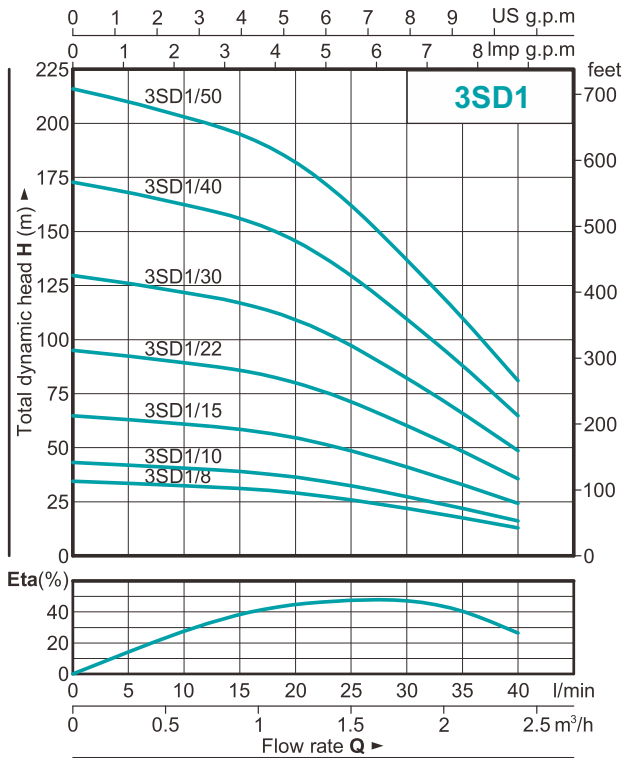
Motor

- Continuous service
- Power: 0.18~1.5kW(Single phase)
- Power: 0.18~1.5kW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ3" & Φ3.5"
- Highest temperature of liquid: 40 °C



3SD1/3SD2

3"



PERFORMANCE DATA 50Hz

Outlet:G1"~G1½"

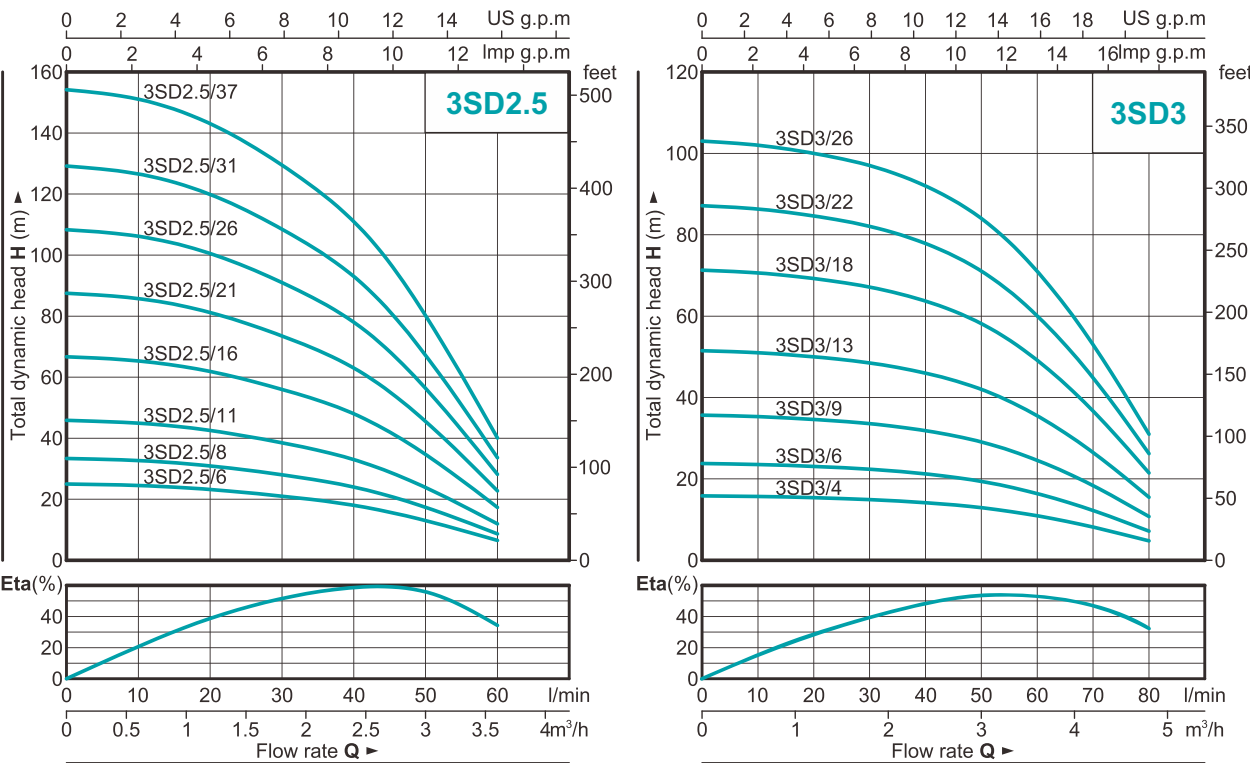
MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
						0	5	10	15	20	25	30	35	40
3SDM1/8	3SD1/8	0.18	0.25	H(m)		35	34	32	31	29	26	22	18	13
3SDM1/10	3SD1/10	0.25	0.33			43	42	41	39	36	32	27	22	16
3SDM1/15	3SD1/15	0.37	0.5			65	63	61	59	55	49	41	33	24
3SDM1/22	3SD1/22	0.55	0.75			95	92	89	86	80	71	60	48	36
3SDM1/30	3SD1/30	0.75	1			130	126	122	117	109	97	82	66	49
3SDM1/40	3SD1/40	1.1	1.5			173	168	162	156	146	130	110	88	65
3SDM1/50	3SD1/50	1.5	2			216	210	203	195	182	162	137	110	81

PERFORMANCE DATA 50Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
						0	5	10	15	20	25	30	35	40	45
3SDM2/6	3SD2/6	0.18	0.25	H(m)		26	26	25	25	24	23	22	20	17	13
3SDM2/8	3SD2/8	0.25	0.33			35	34	34	33	32	31	29	27	23	18
3SDM2/11	3SD2/11	0.37	0.5			48	47	47	46	45	43	40	37	31	25
3SDM2/17	3SD2/17	0.55	0.75			74	73	72	71	69	66	62	57	48	38
3SDM2/24	3SD2/24	0.75	1			104	103	102	100	97	93	88	80	68	54
3SDM2/33	3SD2/33	1.1	1.5			144	142	140	137	134	128	120	110	94	74
3SDM2/40	3SD2/40	1.5	2			174	172	170	166	162	155	146	133	114	90

3SD2.5/3SD3



PERFORMANCE DATA 50Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6
						0	10	20	30	40	50	60
3SDM2.5/6	3SD2.5/6	0.18	0.25	H(m)		25	25	23	21	18	13	6
3SDM2.5/8	3SD2.5/8	0.25	0.33			33	33	31	28	24	17	9
3SDM2.5/11	3SD2.5/11	0.37	0.5			46	45	43	38	33	24	12
3SDM2.5/16	3SD2.5/16	0.55	0.75			67	65	62	56	48	35	17
3SDM2.5/21	3SD2.5/21	0.75	1			88	86	81	73	63	45	23
3SDM2.5/26	3SD2.5/26	0.92	1.25			108	106	101	91	78	56	28
3SDM2.5/31	3SD2.5/31	1.1	1.5			129	127	120	109	93	67	34
3SDM2.5/37	3SD2.5/37	1.5	2			154	151	143	130	111	80	40

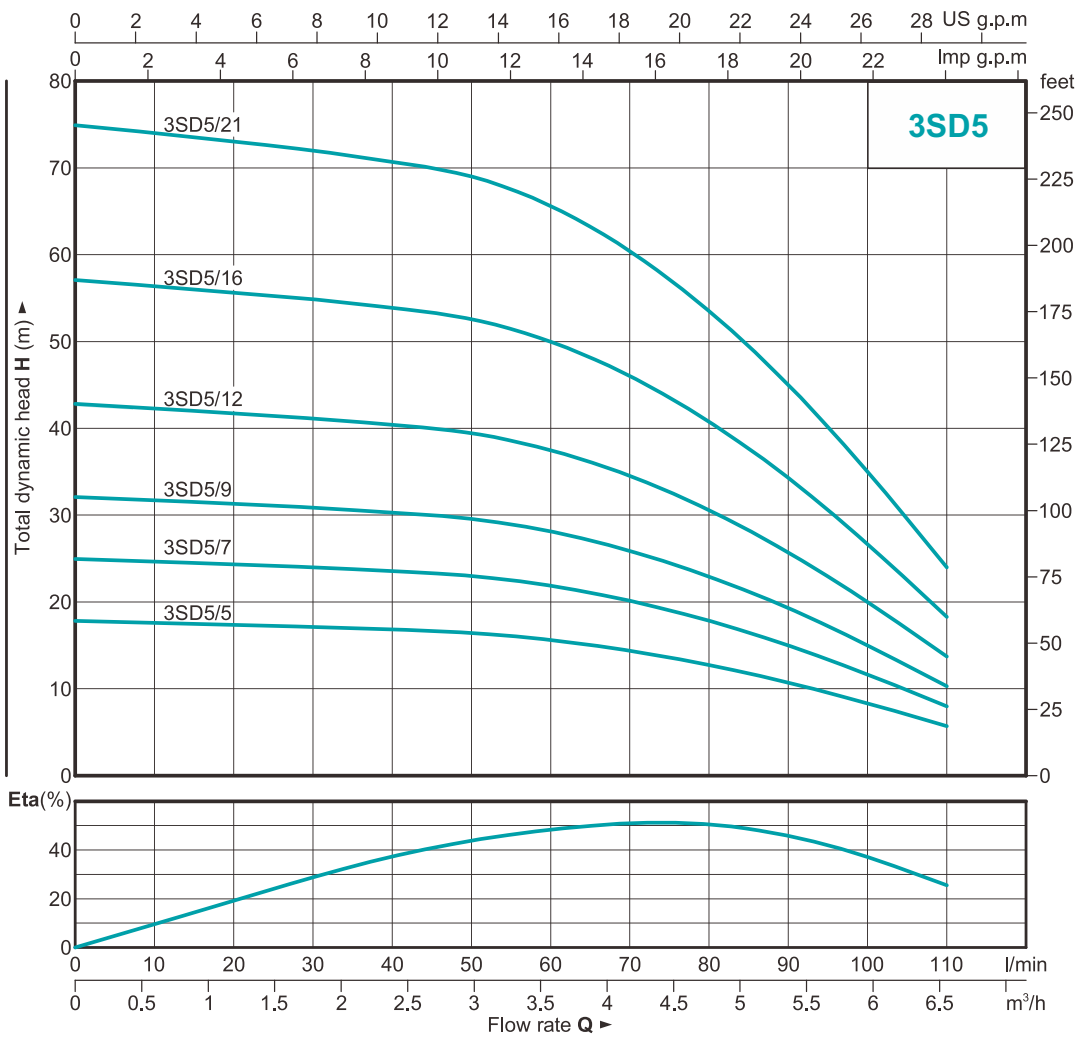
PERFORMANCE DATA 50Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
						0	10	20	30	40	50	60	70	80
3SDM3/4	3SD3/4	0.18	0.25	H(m)		16	16	15	15	14	13	11	8	5
3SDM3/6	3SD3/6	0.25	0.33			24	24	23	22	21	19	16	12	7
3SDM3/9	3SD3/9	0.37	0.5			36	35	35	34	32	29	25	18	11
3SDM3/13	3SD3/13	0.55	0.75			52	51	50	49	46	42	36	27	16
3SDM3/18	3SD3/18	0.75	1			71	71	69	67	64	58	49	37	21
3SDM3/22	3SD3/22	1.1	1.5			87	86	85	82	78	71	60	45	26
3SDM3/26	3SD3/26	1.5	2			103	102	100	97	92	84	71	53	31

3SD5

3"



PERFORMANCE DATA 50Hz

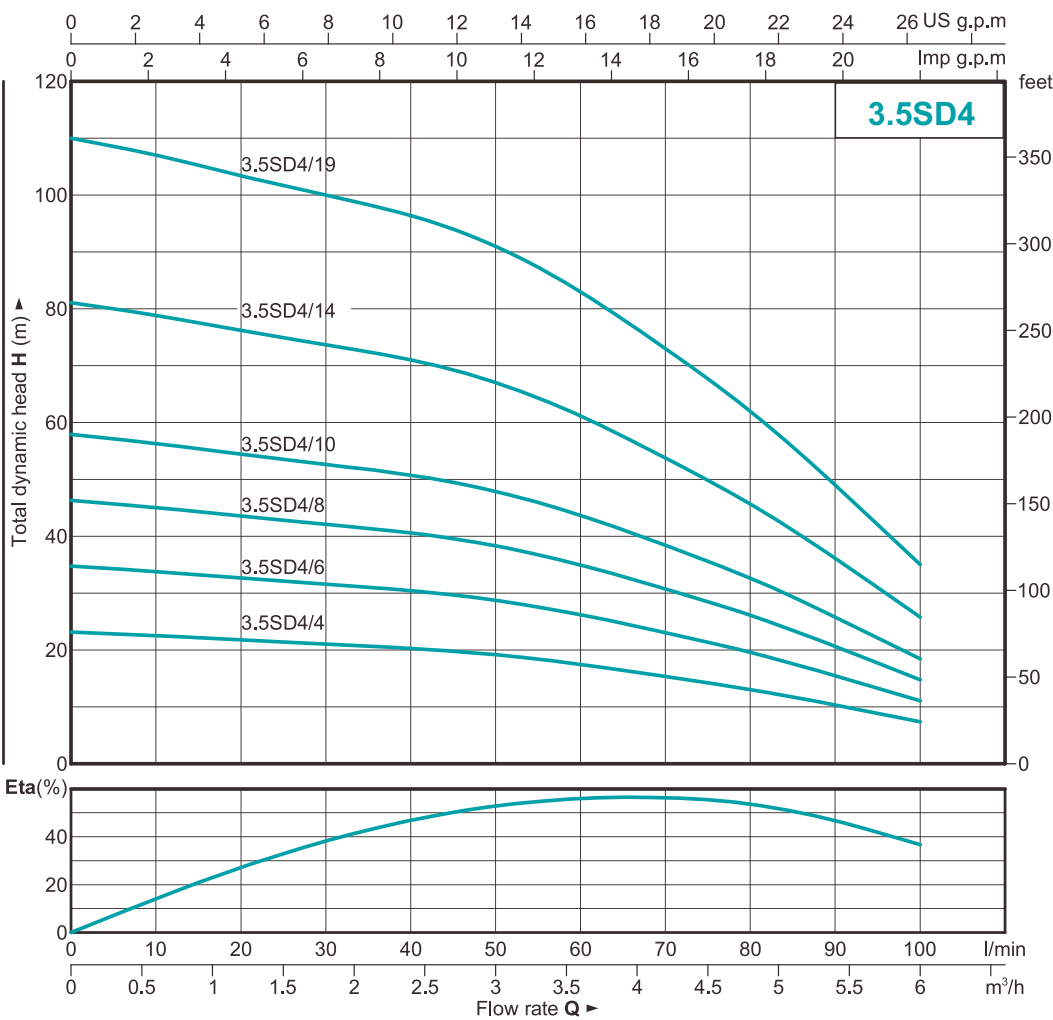
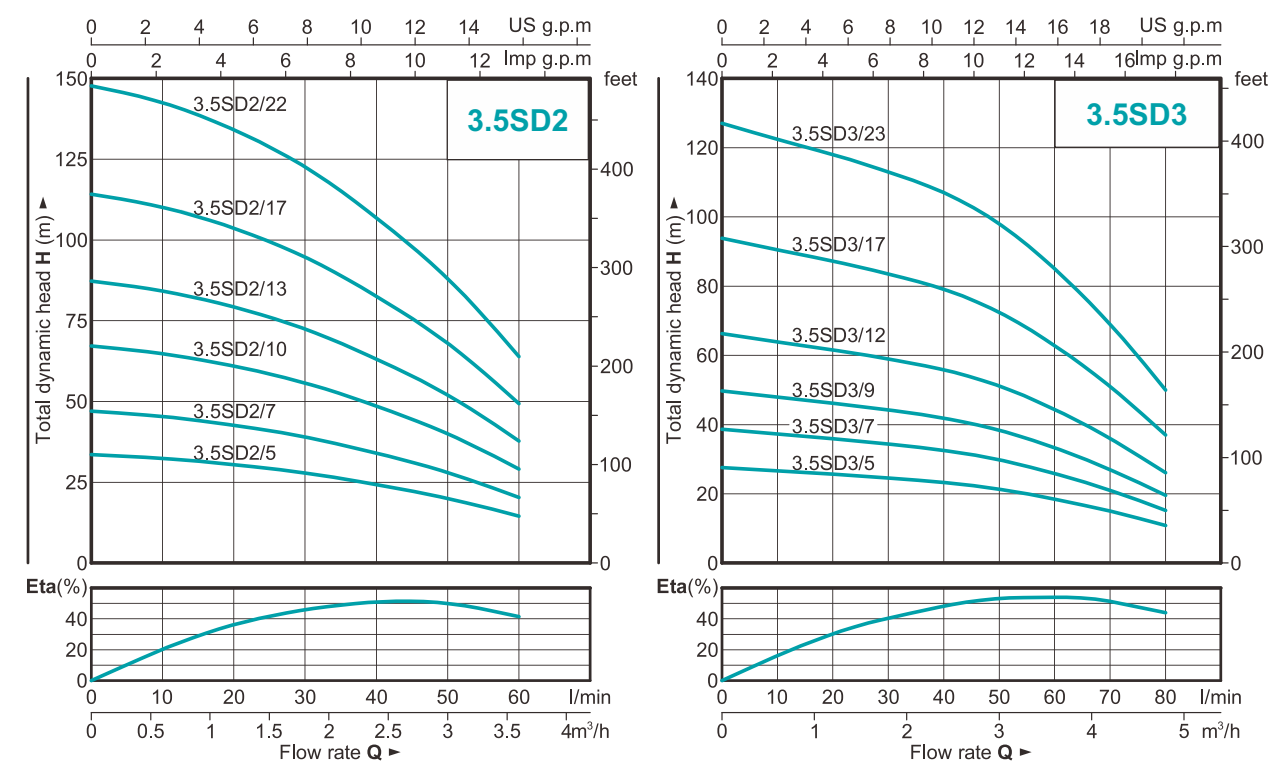
Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
3SDM5/5	3SD5/5	0.25	0.33	H(m)	0	0	10	20	30	40	50	60	70	80	90	100	110
3SDM5/7	3SD5/7	0.37	0.5		18	18	17	17	17	16	16	14	13	11	8	6	
3SDM5/9	3SD5/9	0.55	0.75		25	25	24	24	24	23	22	20	18	15	12	8	
3SDM5/12	3SD5/12	0.75	1		32	32	31	31	30	30	28	26	23	19	15	10	
3SDM5/16	3SD5/16	1.1	1.5		43	42	42	41	40	39	37	35	31	26	20	14	
3SDM5/21	3SD5/21	1.5	2		57	56	56	55	54	53	50	46	41	34	27	18	
					75	74	73	72	71	69	66	60	54	45	35	24	

3.5SD2/3.5SD3

3.5SD4

3.5"



PERFORMANCE DATA 50Hz Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6
						0	10	20	30	40	50	60
3.5SDM2/5	3.5SD2/5	0.25	0.33	H(m)		34	32	30	28	24	20	15
3.5SDM2/7	3.5SD2/7	0.37	0.5			47	45	43	39	34	28	20
3.5SDM2/10	3.5SD2/10	0.55	0.75			67	65	61	56	49	40	29
3.5SDM2/13	3.5SD2/13	0.75	1			87	84	79	72	63	52	38
3.5SDM2/17	3.5SD2/17	1.1	1.5			114	110	104	95	83	68	49
3.5SDM2/22	3.5SD2/22	1.5	2			148	142	134	123	107	88	64

PERFORMANCE DATA 50Hz Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
				H(m)		0	10	20	30	40	50	60	70	80
3.5SDM3/5	3.5SD3/5	0.25	0.33			28	27	26	25	23	21	18	15	11
3.5SDM3/7	3.5SD3/7	0.37	0.5			39	37	36	34	33	30	26	21	15
3.5SDM3/9	3.5SD3/9	0.55	0.75			50	48	46	44	42	38	33	27	20
3.5SDM3/12	3.5SD3/12	0.75	1			66	64	62	59	56	51	44	36	26
3.5SDM3/17	3.5SD3/17	1.1	1.5			94	90	87	84	79	72	63	51	37
3.5SDM3/23	3.5SD3/23	1.5	2			127	122	118	113	107	98	85	69	50

PERFORMANCE DATA 50Hz Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
						0	10	20	30	40	50	60	70	80	90	100
3.5SDM4/4	3.5SD4/4	0.25	0.33	H(m)		23	23	22	21	20	19	17	15	13	10	7
3.5SDM4/6	3.5SD4/6	0.37	0.5			35	34	33	32	30	29	26	23	20	15	11
3.5SDM4/8	3.5SD4/8	0.55	0.75			46	45	44	42	41	38	35	31	26	21	15
3.5SDM4/10	3.5SD4/10	0.75	1			58	56	54	53	51	48	44	38	33	26	18
3.5SDM4/14	3.5SD4/14	1.1	1.5			81	79	76	74	71	67	61	54	46	36	26
3.5SDM4/19	3.5SD4/19	1.5	2			110	107	103	100	96	91	83	73	62	49	35

4SD

Typical Applications

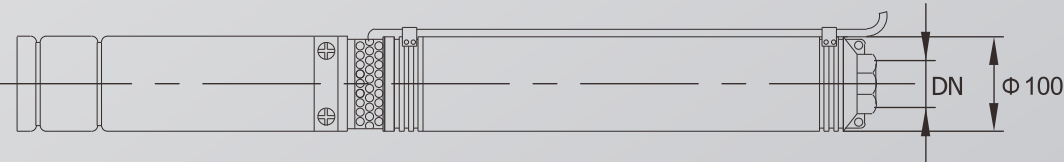
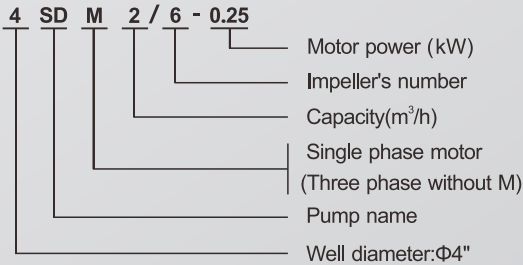
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
4SD2	4	0.6~3	428~18
4SD3	5.3	1.2~4.2	430~12
4SD4	6.5	1.2~5.4	407~13
4SD6	9.5	2.4~7.2	335~13
4SD8	12	2.4~9.6	249~13
4SD10	14	3.6~10.8	202~12
4SD12	17.5	3.6~14.4	180~9
4SD16	24	6~18	130~9

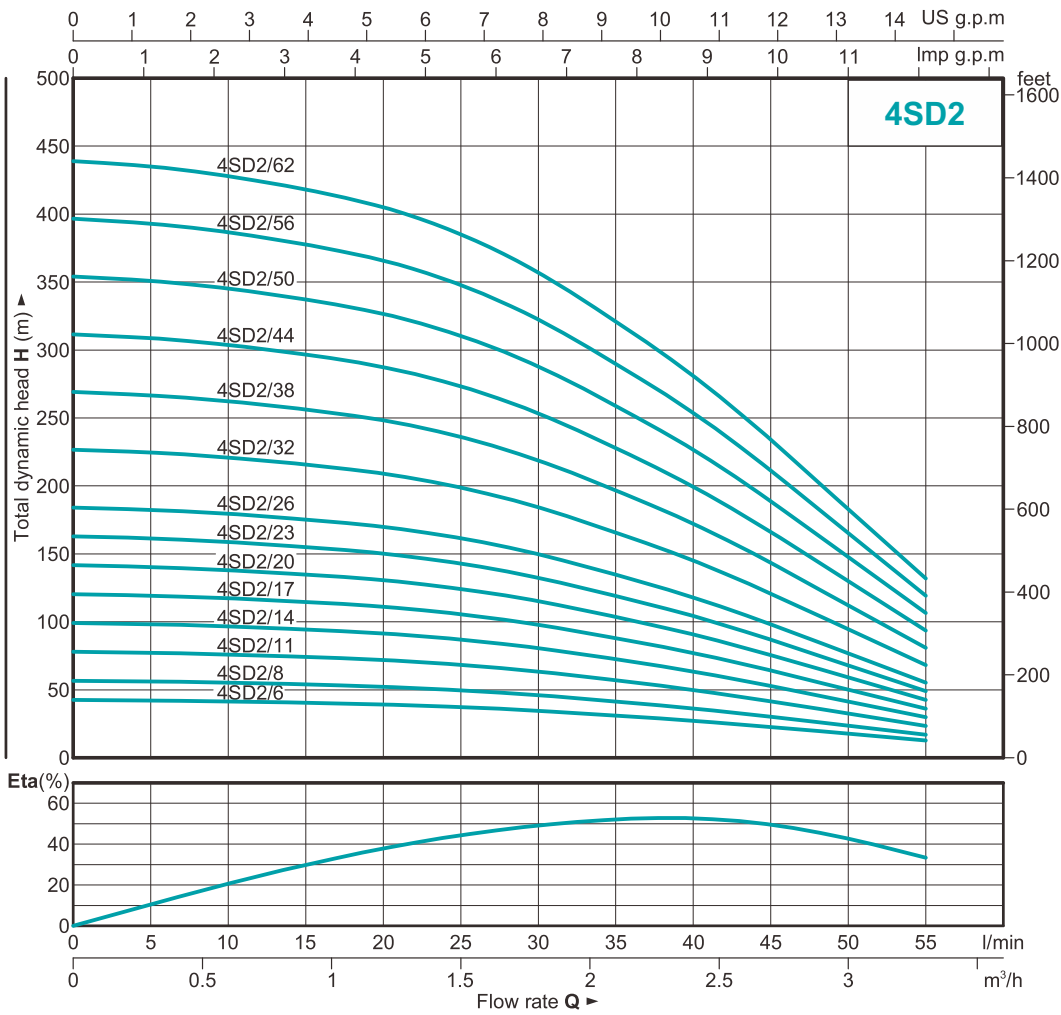
Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.25~2.6kW(Single phase)
- Power: 0.25~7.5kW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ4"
- Highest temperature of liquid: 40℃



4SD2

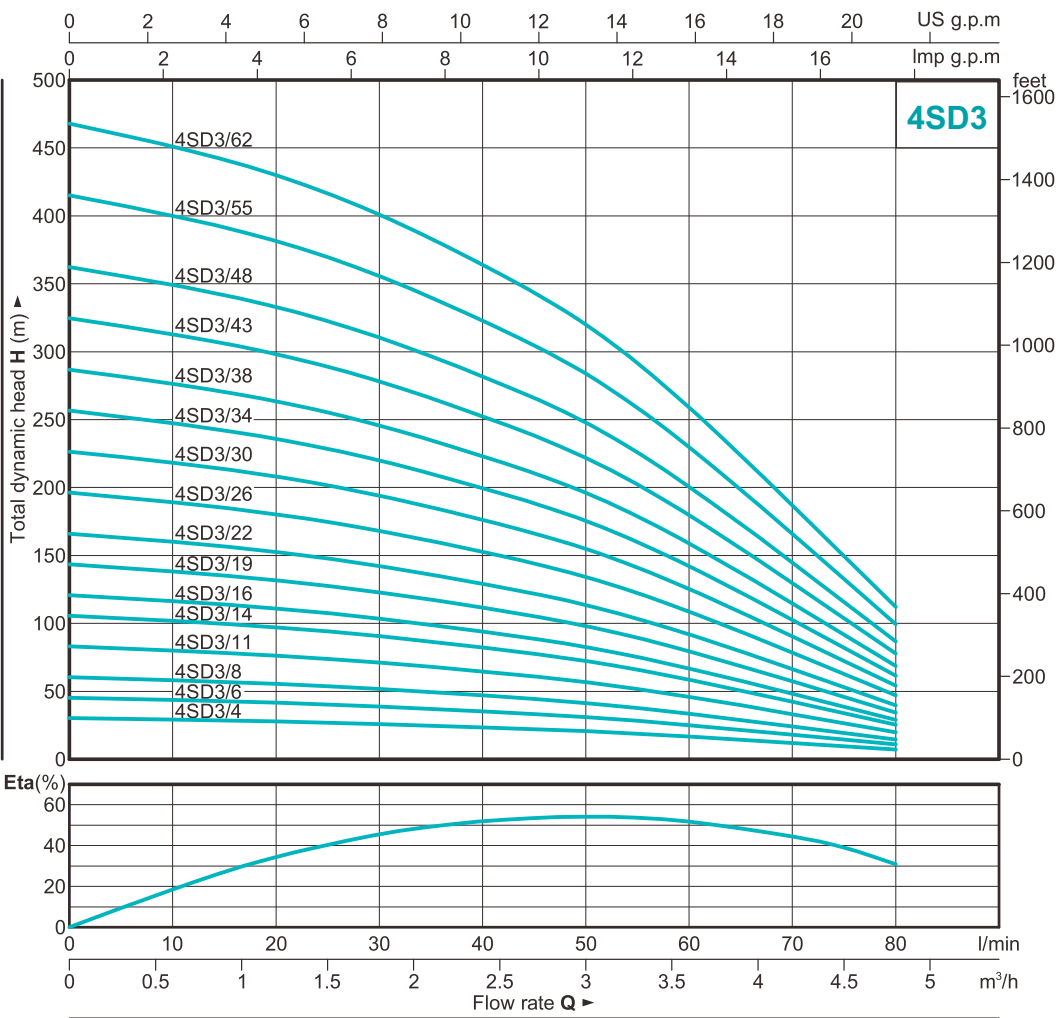
4"



PERFORMANCE DATA 50Hz Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3		
					l/min	0	5	10	15	20	25	30	35	40	45	50	55		
4SDM2/6	4SD2/6	0.25	0.33	H(m)		42	42	41	40	39	37	35	31	27	23	18	13		
4SDM2/8	4SD2/8	0.37	0.5			57	56	55	54	52	50	46	41	36	30	24	17		
4SDM2/11	4SD2/11	0.55	0.75			78	77	76	74	72	68	63	57	50	42	32	23		
4SDM2/14	4SD2/14	0.75	1			99	98	97	94	91	87	81	72	63	53	41	30		
4SDM2/17	4SD2/17	0.92	1.25			120	119	117	115	111	106	98	88	77	64	50	36		
4SDM2/20	4SD2/20	1.1	1.5			142	140	138	135	131	124	115	104	91	75	59	43		
4SDM2/23	4SD2/23	1.3	1.75			163	161	159	155	150	143	132	119	104	87	68	49		
4SDM2/26	4SD2/26	1.5	2			184	182	179	175	170	161	150	135	118	98	77	55		
4SDM2/32	4SD2/32	1.8	2.5			227	225	221	216	209	199	184	166	145	121	94	68		
4SDM2/38	4SD2/38	2.2	3			269	267	262	256	248	236	219	197	172	143	112	81		
4SDM2/44	4SD2/44	2.6	3.5			312	309	304	297	287	273	253	228	199	166	130	94		
—	4SD2/50	3	4			354	351	345	337	327	310	288	259	227	189	148	106		
—	4SD2/56	3.7	5			397	393	387	378	366	348	322	290	254	211	165	119		
—	4SD2/62	4	5.5			439	435	428	418	405	385	357	321	281	234	183	132		

4SD3



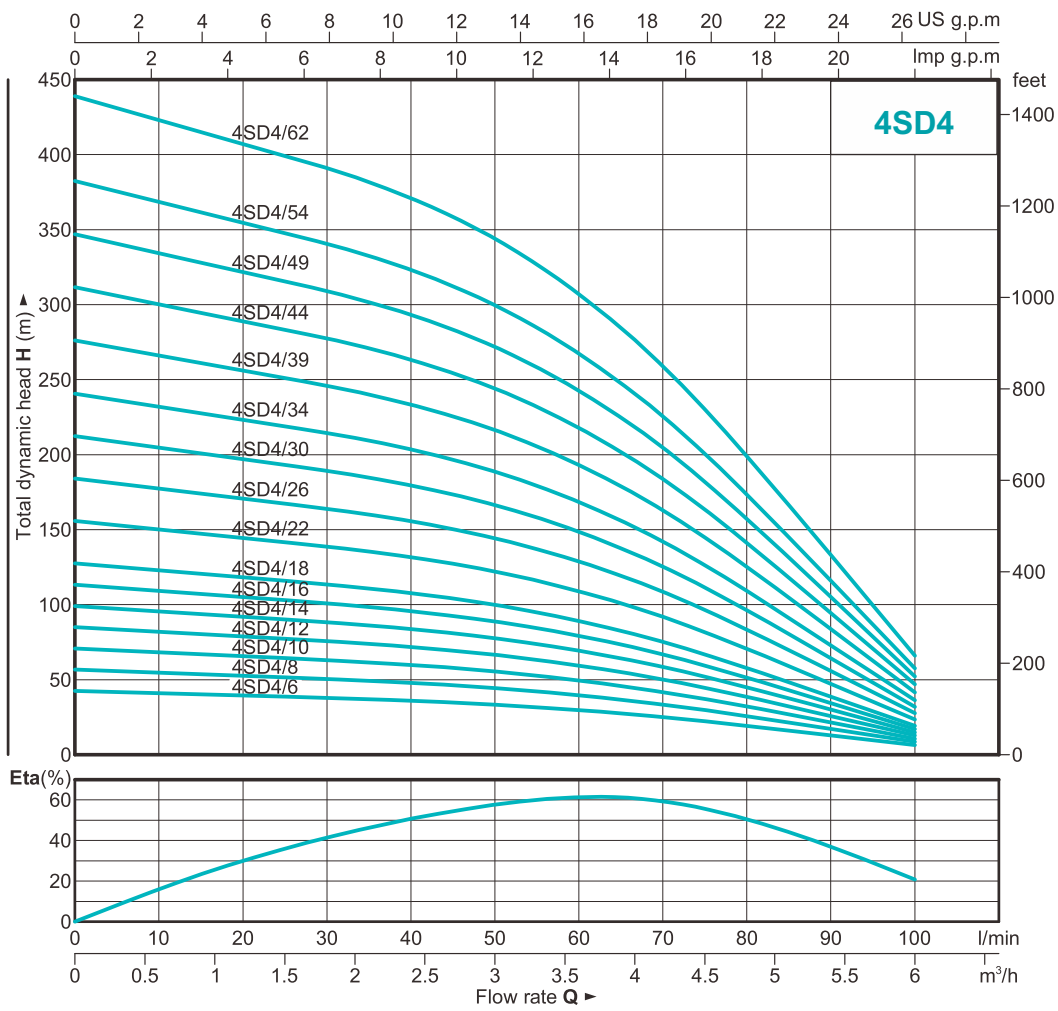
PERFORMANCE DATA 50Hz

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	$\frac{m^3}{h}$ l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
						0	10	20	30	40	50	60	70	80
4SDM3/4	4SD3/4	0.25	0.33	H(m)		30	29	28	26	23	21	17	12	7
4SDM3/6	4SD3/6	0.37	0.5			45	44	42	39	35	31	25	18	11
4SDM3/8	4SD3/8	0.55	0.75			60	58	55	52	47	41	33	24	14
4SDM3/11	4SD3/11	0.75	1			83	80	76	71	65	57	46	33	20
4SDM3/14	4SD3/14	0.92	1.25			106	102	97	91	82	72	58	42	25
4SDM3/16	4SD3/16	1.1	1.5			121	116	111	103	94	83	67	48	29
4SDM3/19	4SD3/19	1.3	1.75			143	138	132	123	112	98	79	57	34
4SDM3/22	4SD3/22	1.5	2			166	160	153	142	129	114	92	66	40
4SDM3/26	4SD3/26	1.8	2.5			196	189	180	168	153	134	109	78	47
4SDM3/30	4SD3/30	2.2	3			226	218	208	194	176	155	125	90	54
4SDM3/34	4SD3/34	2.6	3.5			257	247	236	220	200	175	142	103	61
—	4SD3/38	3	4			287	276	264	246	223	196	159	115	69
—	4SD3/43	3.7	5			325	313	298	278	252	222	180	130	78
—	4SD3/48	4	5.5			362	349	333	310	282	248	201	145	87
—	4SD3/55	5	7			415	400	381	356	323	284	230	166	99
—	4SD3/62	5.5	7.5			468	451	430	401	364	320	259	187	112

4"

4SD4

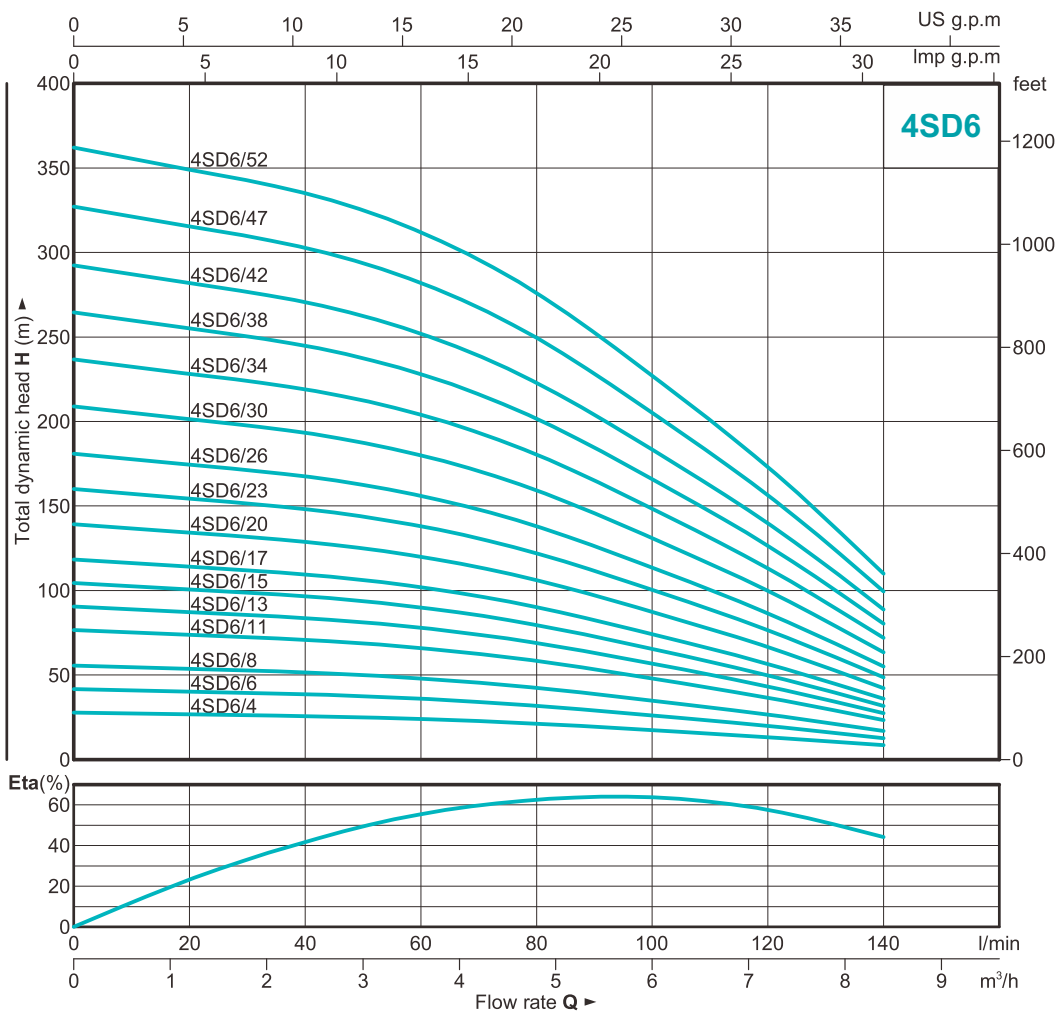


PERFORMANCE DATA 50Hz

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
						0	10	20	30	40	50	60	70	80	90	100
4SDM4/6	4SD4/6	0.37	0.5	H(m)		42	41	39	38	36	33	30	25	19	13	6
4SDM4/8	4SD4/8	0.55	0.75			57	55	53	50	48	44	40	33	26	17	9
4SDM4/10	4SD4/10	0.75	1			71	68	66	63	60	55	50	42	32	21	11
4SDM4/12	4SD4/12	0.92	1.25			85	82	79	76	72	67	59	50	39	26	13
4SDM4/14	4SD4/14	1.1	1.5			99	96	92	88	84	78	69	58	45	30	15
4SDM4/16	4SD4/16	1.3	1.75			113	109	105	101	96	89	79	67	51	34	17
4SDM4/18	4SD4/18	1.5	2			127	123	118	114	108	100	89	75	58	39	19
4SDM4/22	4SD4/22	1.8	2.5			156	150	144	139	132	122	109	92	71	47	23
4SDM4/26	4SD4/26	2.2	3			184	177	171	164	156	144	129	109	83	56	28
4SDM4/30	4SD4/30	2.6	3.5			212	205	197	189	180	166	149	125	96	64	32
—	4SD4/34	3	4			241	232	223	214	203	189	168	142	109	73	36
—	4SD4/39	3.7	5			276	266	256	246	233	216	193	163	125	84	42
—	4SD4/44	4	5.5			312	300	289	277	263	244	218	184	141	94	47
—	4SD4/49	5	7			347	334	322	309	293	272	243	205	157	105	52
—	4SD4/54	5.5	7.5			382	368	354	341	323	300	267	226	173	116	57
—	4SD4/62	7.5	10			439	423	407	391	371	344	307	259	199	133	66

4SD6



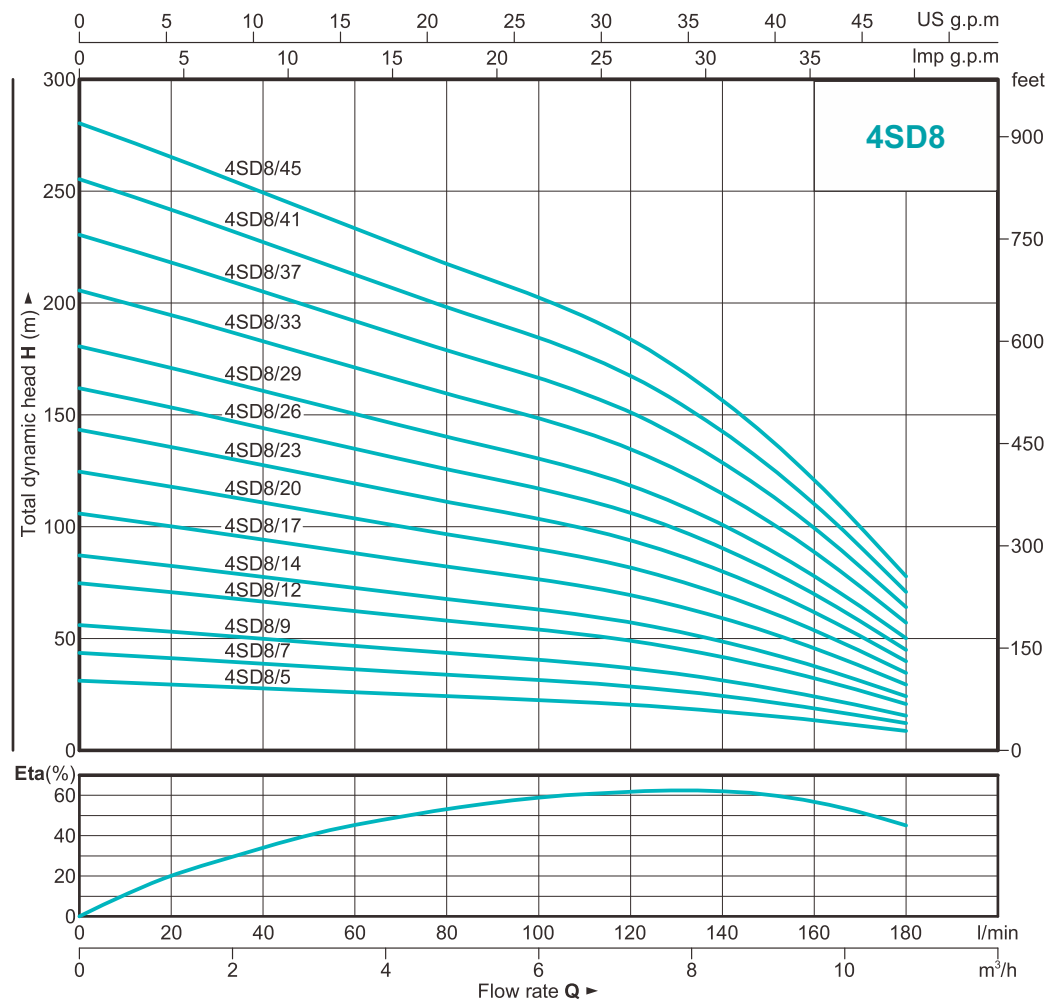
PERFORMANCE DATA 50Hz

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4
4SDM6/4	4SD6/4	0.37	0.5	H(m)	0	28	27	26	24	21	17	13	8
4SDM6/6	4SD6/6	0.55	0.75		42	40	39	36	32	26	20	13	
4SDM6/8	4SD6/8	0.75	1		56	54	52	48	42	35	27	17	
4SDM6/11	4SD6/11	1.1	1.5		77	74	71	66	58	48	37	23	
4SDM6/13	4SD6/13	1.3	1.75		90	87	84	78	69	57	43	27	
4SDM6/15	4SD6/15	1.5	2		104	101	97	90	80	65	50	32	
4SDM6/17	4SD6/17	1.8	2.5		118	114	110	102	90	74	57	36	
4SDM6/20	4SD6/20	2.2	3		139	134	129	120	106	87	67	42	
4SDM6/23	4SD6/23	2.6	3.5		160	154	148	138	122	100	77	49	
—	4SD6/26	3	4		181	175	168	156	138	113	86	55	
—	4SD6/30	3.7	5		209	201	193	180	159	131	100	63	
	4SD6/34	4	5.5		237	228	219	204	180	148	113	72	
	4SD6/38	5	7		265	255	245	228	202	166	126	80	
	4SD6/42	5.5	7.5		292	282	271	252	223	183	140	89	
	4SD6/47	6.8	9		327	315	303	282	249	205	156	99	
	4SD6/52	7.5	10		362	349	335	312	276	227	173	110	

4SD8

4"

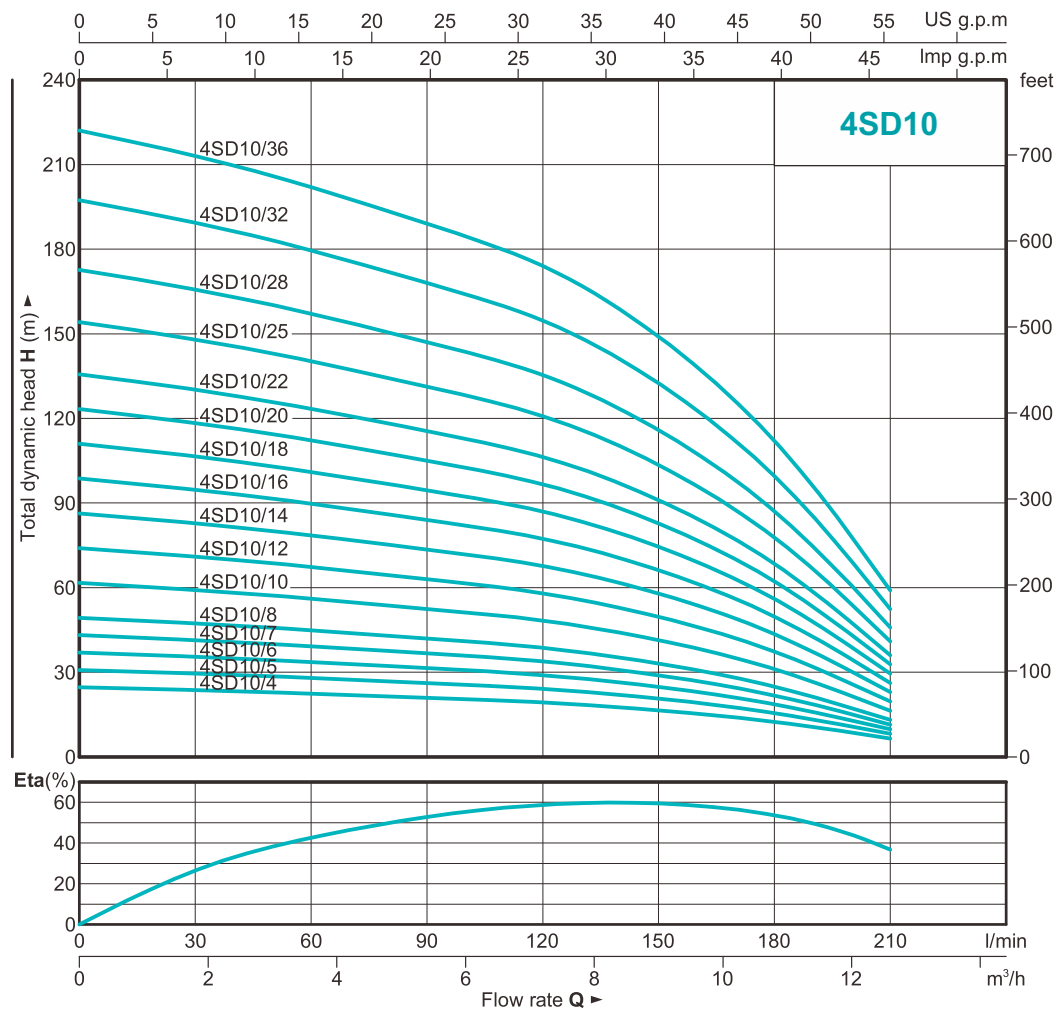


PERFORMANCE DATA 50Hz

Outlet:G1¼"~G2"

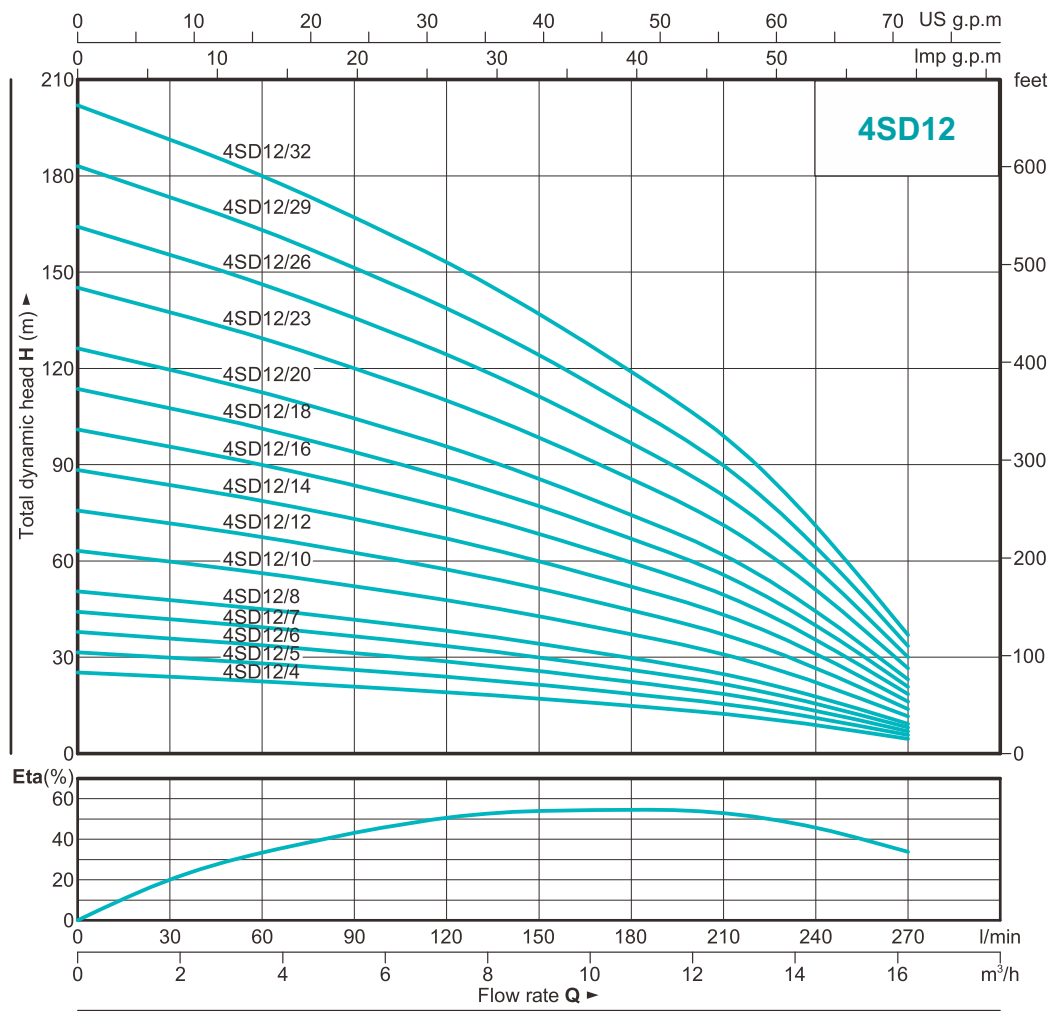
MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
4SDM8/5	4SD8/5	0.55	0.75	H(m)	0	31	29	28	26	24	22	20	17	13	9
4SDM8/7	4SD8/7	0.75	1		44	41	39	36	34	31	29	24	19	12	
4SDM8/8	4SD8/8	0.92	1.25		50	47	44	41	39	36	33	28	21	14	
4SDM8/9	4SD8/9	1.1	1.5		56	53	50	47	43	40	37	31	24	16	
4SDM8/10	4SD8/10	1.3	1.75		62	59	55	52	48	45	41	35	27	17	
4SDM8/12	4SD8/12	1.5	2		75	71	66	62	58	54	49	42	32	21	
4SDM8/14	4SD8/14	1.8	2.5		87	83	78	73	68	63	57	49	38	24	
4SDM8/17	4SD8/17	2.2	3		106	100	94	88	82	76	69	59	46	29	
4SDM8/20	4SD8/20	2.6	3.5		125	118	111	104	97	90	82	70	54	35	
—	4SD8/23	3	4		143	136	127	119	111	103	94	80	62	40	
—	4SD8/26	3.7	5		162	153	144	135	126	117	106	90	70	45	
—	4SD8/29	4	5.5		181	171	161	150	140	130	118	101	78	50	
—	4SD8/33	5	7		206	195	183	171	160	149	135	115	89	57	
—	4SD8/37	5.5	7.5		230	218	205	192	179	167	151	129	99	64	
—	4SD8/41	6.8	9		255	242	227	213	198	185	167	143	110	71	
—	4SD8/45	7.5	10		280	265	249	233	218	203	184	157	121	78	

4SD10



4SD12

4"



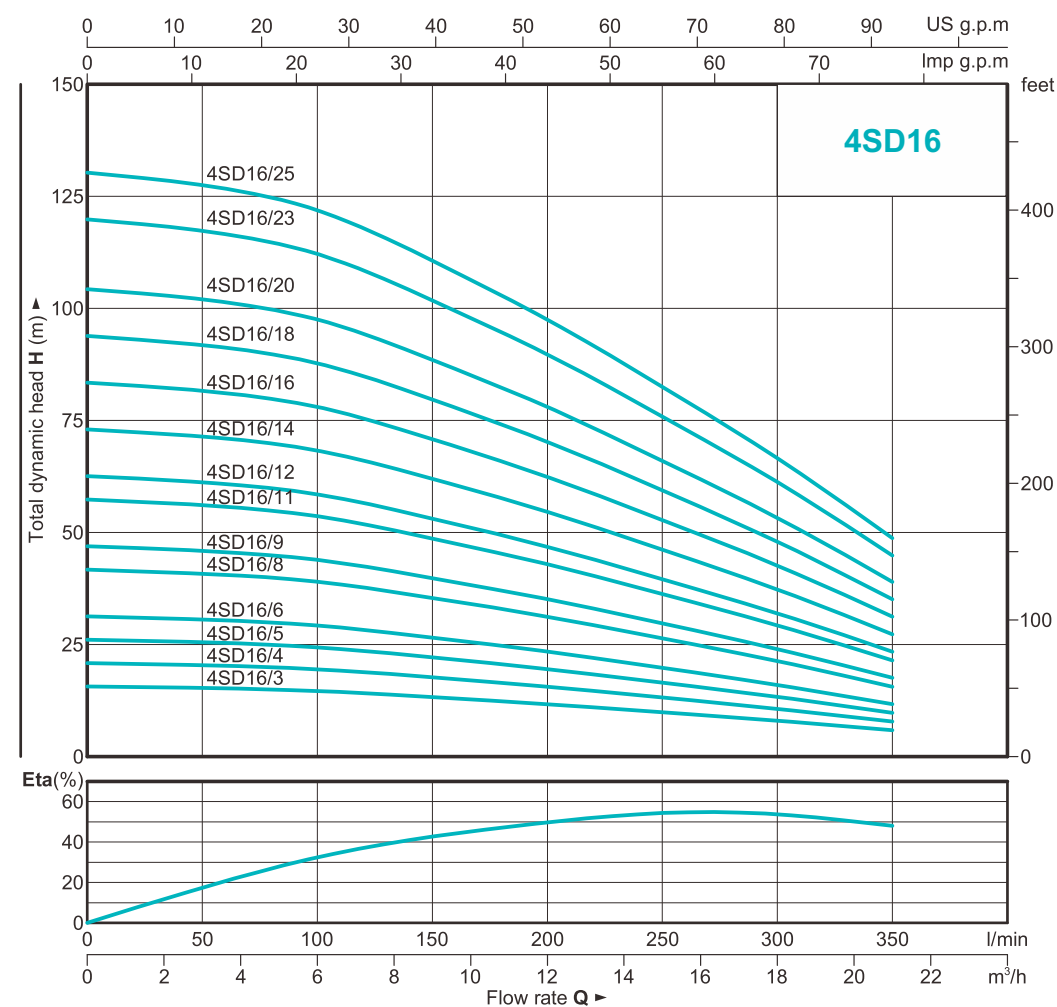
PERFORMANCE DATA 50Hz Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	1.8	3.6	5.4	7.2	9	10.8	12.6
						0	30	60	90	120	150	180	210
4SDM10/4	4SD10/4	0.55	0.75	H(m)		25	24	22	21	19	17	12	7
4SDM10/5	4SD10/5	0.75	1			31	30	28	26	24	21	16	8
4SDM10/6	4SD10/6	0.92	1.25			37	35	34	31	29	25	19	10
4SDM10/7	4SD10/7	1.1	1.5			43	41	39	37	34	29	22	11
4SDM10/8	4SD10/8	1.3	1.75			49	47	45	42	39	33	25	13
4SDM10/10	4SD10/10	1.5	2			62	59	56	52	48	41	31	16
4SDM10/12	4SD10/12	1.8	2.5			74	71	67	63	58	50	37	20
4SDM10/14	4SD10/14	2.2	3			86	83	79	73	68	58	44	23
4SDM10/16	4SD10/16	2.6	3.5			99	95	90	84	77	66	50	26
—	4SD10/18	3	4			111	106	101	94	87	74	56	29
—	4SD10/20	3.7	5			123	118	112	105	97	83	62	33
—	4SD10/22	4	5.5			136	130	123	115	106	91	68	36
—	4SD10/25	5	7			154	148	140	131	121	103	78	41
—	4SD10/28	5.5	7.5			173	166	157	147	135	116	87	46
—	4SD10/32	6.8	9			197	189	180	168	155	132	100	52
—	4SD10/36	7.5	10			222	213	202	189	174	149	112	59

PERFORMANCE DATA 50Hz Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	
4SDM12/4	4SD12/4	0.75	1	H(m)		25	24	23	21	19	17	15	12	9	5	
4SDM12/5	4SD12/5	0.92	1.25			32	30	28	26	24	21	19	15	11	6	
4SDM12/6	4SD12/6	1.1	1.5			38	36	34	31	29	26	22	19	13	7	
4SDM12/7	4SD12/7	1.3	1.75			44	42	39	37	33	30	26	22	16	8	
4SDM12/8	4SD12/8	1.5	2			51	48	45	42	38	34	30	25	18	9	
4SDM12/10	4SD12/10	1.8	2.5			63	60	56	52	48	43	37	31	22	12	
4SDM12/12	4SD12/12	2.2	3			76	72	68	63	57	51	45	37	27	14	
4SDM12/14	4SD12/14	2.6	3.5			88	84	79	73	67	60	52	43	31	16	
—	4SD12/16	3	4			101	96	90	84	77	69	60	50	36	19	
—	4SD12/18	3.7	5			114	108	101	94	86	77	67	56	40	21	
—	4SD12/20	4	5.5			126	120	113	104	96	86	74	62	44	23	
—	4SD12/23	5	7			145	137	129	120	110	98	86	71	51	27	
—	4SD12/26	5.5	7.5			164	155	146	136	124	111	97	80	58	30	
—	4SD12/29	6.8	9			183	173	163	151	139	124	108	90	64	34	
—	4SD12/32	7.5	10			202	191	180	167	153	137	119	99	71	37	

4SD16

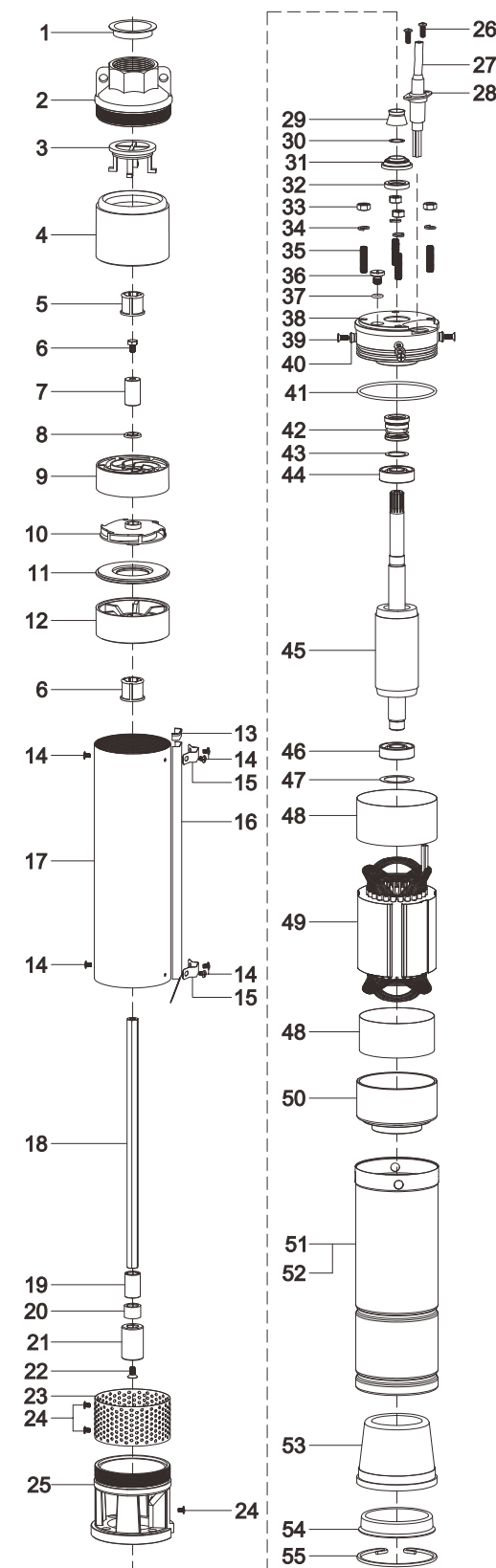


PERFORMANCE DATA 50Hz

Outlet: G1 $\frac{1}{4}$ "~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	$\frac{m^3/h}{l/min}$	0	3	6	9	12	15	18	21
						0	50	100	150	200	250	300	350
4SDM16/3	4SD16/3	0.75	1	H(m)		17	16	16	14	12	11	9	6
4SDM16/4	4SD16/4	1.1	1.5			22	22	21	19	17	14	11	8
4SDM16/5	4SD16/5	1.3	1.75			28	27	26	24	21	18	14	10
4SDM16/6	4SD16/6	1.5	2			33	33	31	28	25	21	17	12
4SDM16/8	4SD16/8	1.8	2.5			44	44	42	38	33	28	23	17
4SDM16/9	4SD16/9	2.2	3			50	49	47	42	37	32	26	19
4SDM16/11	4SD16/11	2.6	3.5			61	60	57	52	46	39	31	23
—	4SD16/12	3	4			67	65	62	57	50	42	34	25
—	4SD16/14	3.7	5			78	76	73	66	58	49	40	29
—	4SD16/16	4	5.5			89	87	83	76	67	56	45	33
—	4SD16/18	5	7			100	98	94	85	75	63	51	37
—	4SD16/20	5.5	7.5			111	109	104	94	83	70	57	42
—	4SD16/23	6.8	9			128	125	120	109	96	81	65	48
—	4SD16/25	7.5	10			139	136	130	118	104	88	71	52

4SD Breakdown diagram

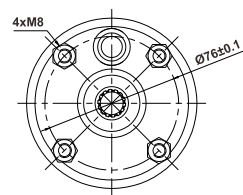
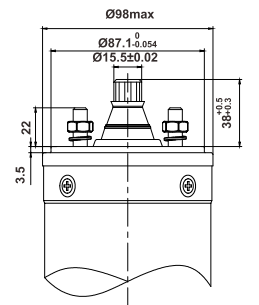
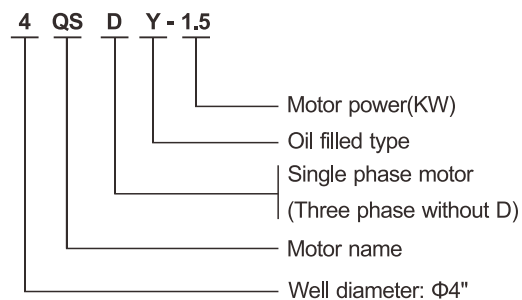


1	Pump cover
2	Outlet
3	Check valve core
4	Check valve seat
5	Rubber bearing
6	Screw
7	Upper bearing bush
8	Sealing gasket
9	Diffuser
10	Impeller
11	Diffuser cover
12	Intermediate support
13	Cable shield
14	Screw
15	Holder pipe
16	Cable cover
17	Pump pipe
18	Shaft
19	Down bushing
20	Plastic sleeve
21	Coupling
22	screw
23	Strainer
24	Screw
25	Suction support
26	Screw
27	Cable
28	Cable clamp
29	Sand proof sleeve
30	Gasket
31	Sand proof cap
32	Skeleton oil seal
33	Nut
34	Spring washer
35	Bolt
36	Grease screw
37	"O"Ring
38	Bearing seat
39	Screw
40	Gasket
41	"O"Ring
42	Mechanical seal
43	Mechanical seal gasket
44	Bearing
45	Rotor
46	Bearing
47	Bearing gasket
48	Bushing
49	Stator
50	Bearing seat
51	Motor pipe
52	Oil
53	Rubber cup
54	End cover
55	Clamping spring

4QSY Oil-Filled Type Submersible Motor

Motor

- Adopted the NEMA standard· Continuous service
- voltage: 220V-240V(Single phase)
380V-415V(Three phase)
- Power: 0.37 ~ 2.2KW(Single phase)
0.37 ~ 7.5KW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ4"
- Highest temperature of liquid: 40℃



PERFORMANCE DATA 50Hz/60Hz n≈2850/3450 1/min

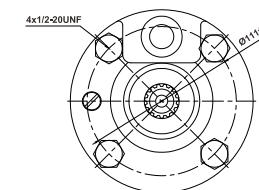
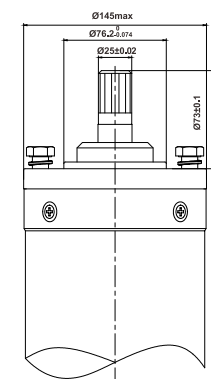
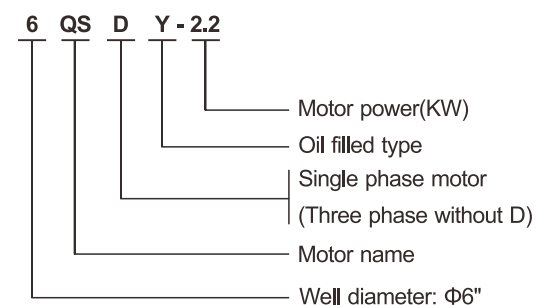
MODEL	P ₂		Voltage (V)	Rated current		Power factor COSΦ	Efficiency %
	kW	HP		110V (A)	220V (A)		
4QSDY-0.25	0.25	0.33	110V/220V	5	2.5	0.93	55
4QSDY-0.37	0.37	0.5		7.2	3.6	0.93	57
4QSDY-0.55	0.55	0.75		9.6	4.8	0.93	60
4QSDY-0.75	0.75	1		12.4	6.2	0.93	63
4QSDY-1.1	1.1	1.5		17	8.5	0.93	66
4QSDY-1.5	1.5	2		21.6	10.8	0.93	68
4QSDY-2.2	2.2	3	220V	-	15.5	0.93	69

MODEL	P ₂		Voltage (V)	Rated current		Power factor COSΦ	Efficiency %
	kW	HP		220V (A)	380V (A)		
4QSY-0.25	0.25	0.33	220V/380V	2.1	1.2	0.7	55
4QSY-0.37	0.37	0.5		2.4	1.4	0.72	58
4QSY-0.55	0.55	0.75		3.5	2	0.74	61
4QSY-0.75	0.75	1		4.3	2.5	0.75	64
4QSY-1.1	1.1	1.5		5.9	3.3	0.76	67
4QSY-1.5	1.5	2		7.5	4.3	0.77	69
4QSY-2.2	2.2	3		10.4	6	0.78	71
4QSY-3	3	4		13.9	8	0.79	72
4QSY-4	4	5.5		18	10.4	0.79	74
4QSY-5.5	5.5	7.5		-	13.9	0.8	75
4QSY-7.5	7.5	10	380V	-	17.5	0.8	76

6QSY Oil-Filled Type Submersible Motor

Motor

- Adopted the NEMA standard· Continuous service
- voltage: 220V-240V(Single phase)
380V-415V(Three phase)
- Power: 2.2 ~ 5.5KW(Single phase)
2.2 ~ 30KW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ6"
- Highest temperature of liquid: 40℃



(≤15KW) (All power)

PERFORMANCE DATA 50Hz/60Hz n≈2850/3450 1/min

MODEL	P ₂		Voltage (V)	Rated current (A)	Power factor COSΦ	Efficiency %
	kW	HP				
6QSDY-2.2	2.2	3	220V	15.1	0.93	71
6QSDY-3	3	4		20.4	0.93	72
6QSDY-4	4	5.5		26.8	0.93	73
6QSDY-5.5	5.5	7.5		35.8	0.93	75

MODEL	P ₂		Voltage (V)	Rated current		Power factor COSΦ	Efficiency %
	kW	HP		220V (A)	380V (A)		
6QSY-2.2	2.2	3	220V/380V	10.4	6	0.77	72
6QSY-3	3	4		13.9	8	0.8	74
6QSY-4	4	5.5		18	10.4	0.8	75
6QSY-5.5	5.5	7.5		24.1	13.9	0.8	76
6QSY-7.5	7.5	10		30.3	17.5	0.81	76.5
6QSY-9.2	9.2	12.5		37.3	21.5	0.81	77
6QSY-11	11	15		42.5	24.5	0.82	78
6QSY-13	13	17.5		48	27.5	0.82	78
6QSY-15	15	20		55	31.5	0.83	79
6QSY-18.5	18.5	25		67.5	39	0.83	79
6QSY-22	22	30	380V	-	45	0.83	80
6QSY-26	26	35		-	53	0.84	80
6QSY-30	30	40		-	61	0.84	81

4SP

Typical Applications

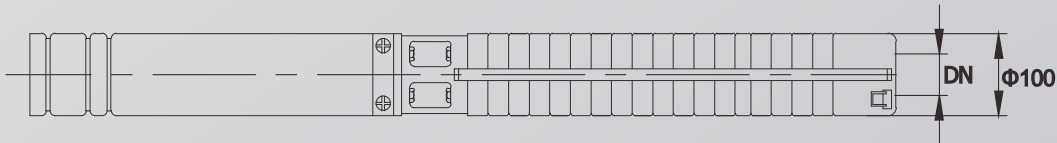
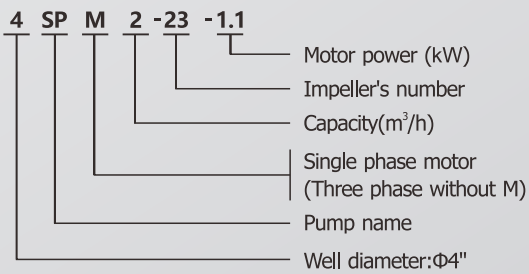
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
4SP2	4	0.6~3	362~16
4SP3	5	1.2~4.2	334~14
4SP5	7.5	1.2~6	347~12
4SP8	12.5	2.4~9.6	250~11
4SP14	20	3.6~16.2	154~10

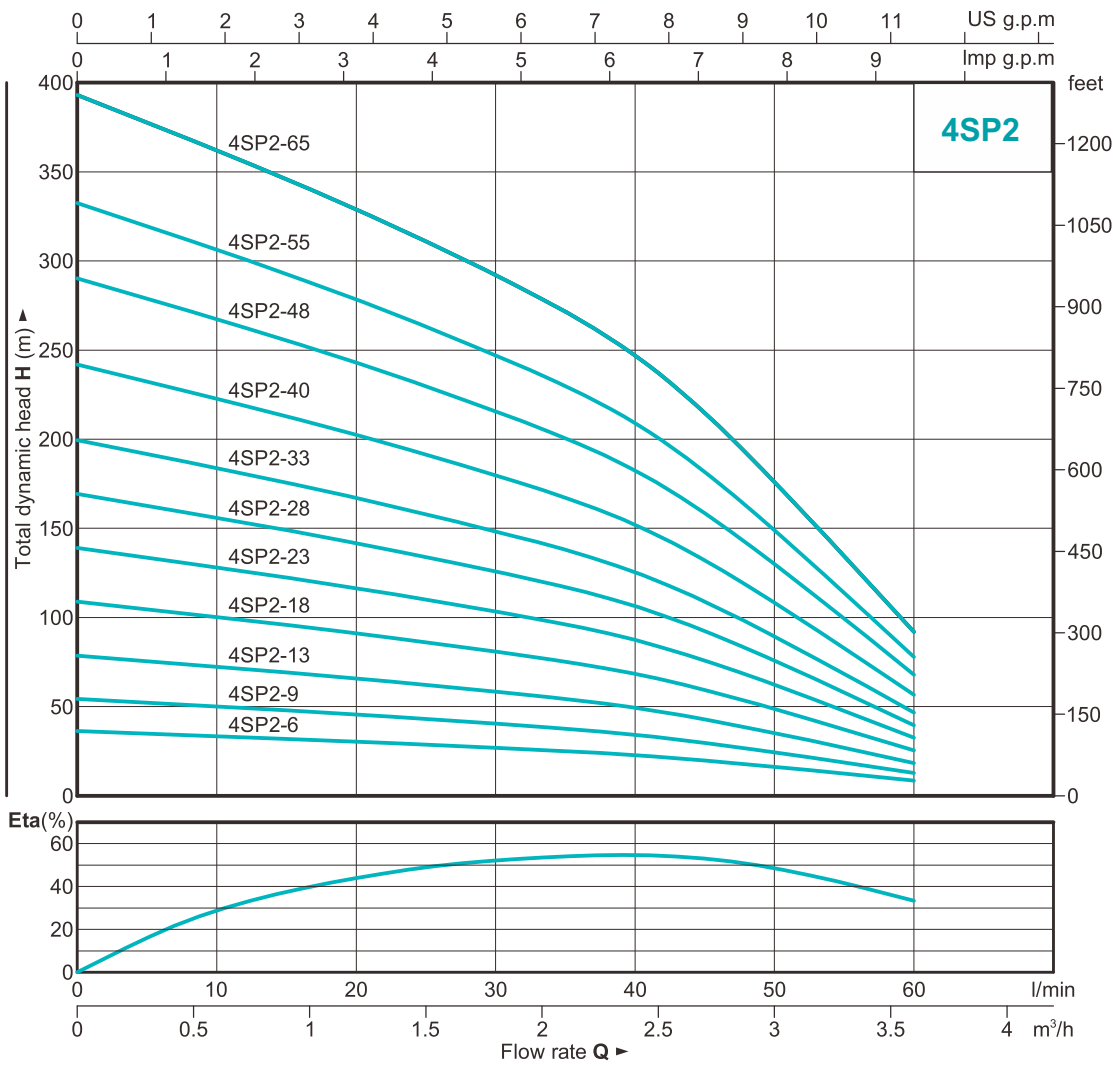
Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.25~2.6kW(Single phase)
- Power: 0.25~7.5kW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ4"
- Highest temperature of liquid: 40℃



4SP2

4"

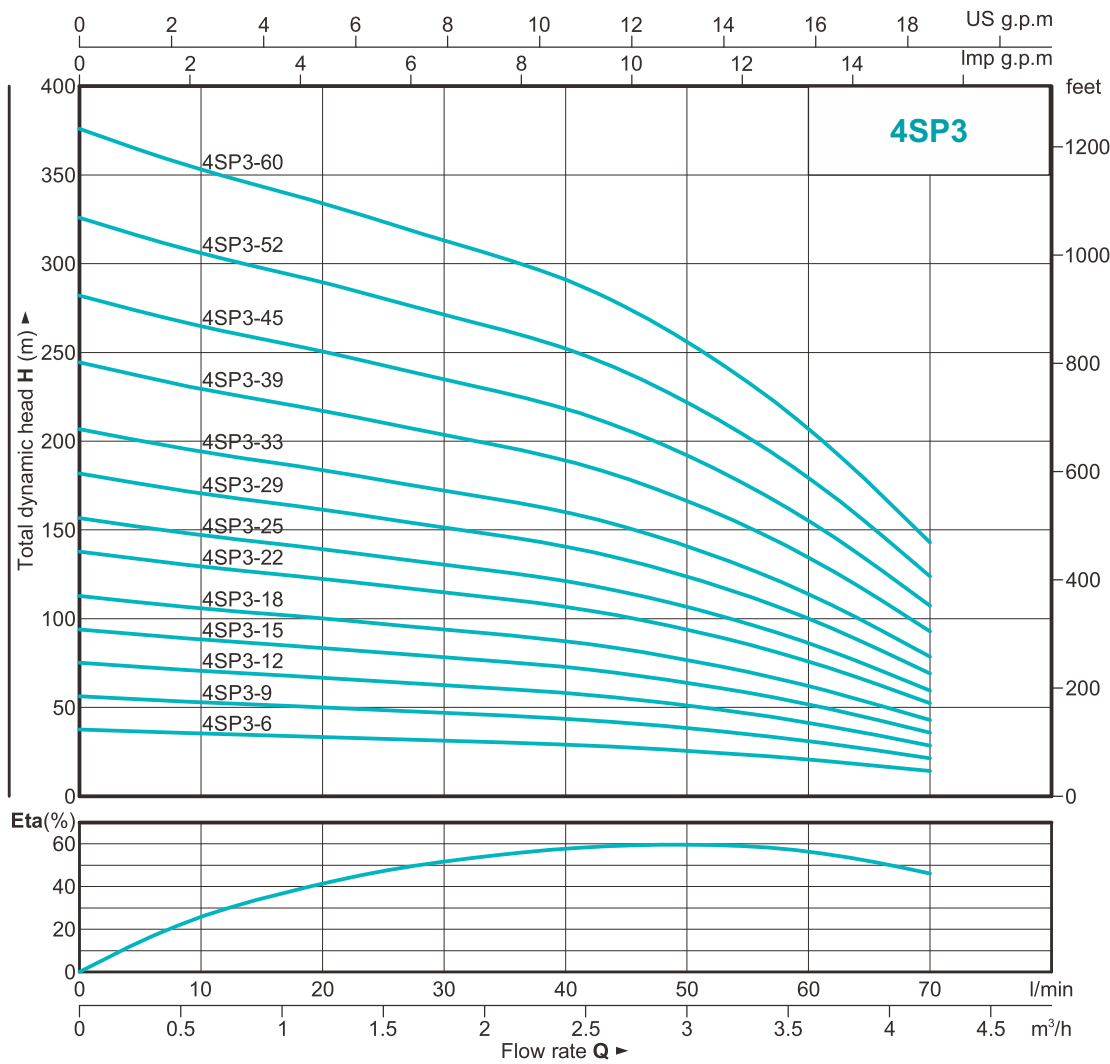


PERFORMANCE DATA 50Hz

Outlet:G1¼"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6
4SPM2-6	4SP2-6	0.37	0.5	H(m)	0	0	10	20	30	40	50	60
4SPM2-9	4SP2-9	0.37	0.5		36	33	30	27	23	16	8	
4SPM2-13	4SP2-13	0.55	0.75		54	50	46	40	34	24	13	
4SPM2-18	4SP2-18	0.75	1		79	72	66	58	49	35	18	
4SPM2-23	4SP2-23	1.1	1.5		109	100	91	81	68	49	25	
4SPM2-28	4SP2-28	1.3	1.75		139	128	116	103	87	62	33	
4SPM2-33	4SP2-33	1.5	2		169	156	142	126	106	76	40	
4SPM2-40	4SP2-40	1.8	2.5		200	184	167	148	125	89	47	
4SPM2-48	4SP2-48	2.2	3		242	223	202	180	152	108	57	
4SPM2-55	4SP2-55	2.6	3.5		290	267	243	216	182	130	68	
—	4SP2-65	3	4		333	306	278	247	209	149	78	
						393	362	329	292	247	176	92

4SP3



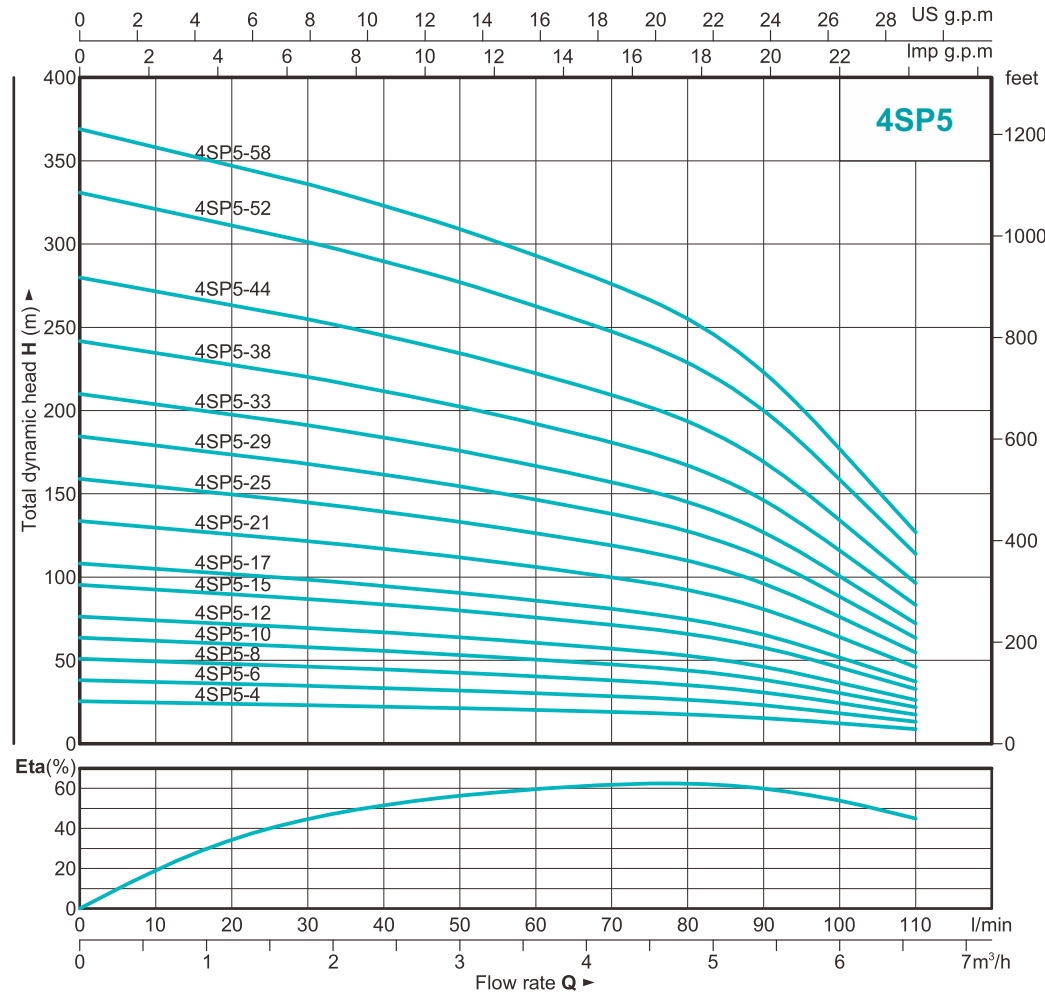
PERFORMANCE DATA 50Hz

Outlet: G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	$\frac{m^3}{h}$ l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2
						0	10	20	30	40	50	60	70
4SPM3-6	4SP3-6	0.37	0.5	H(m)		38	35	33	31	29	26	21	14
4SPM3-9	4SP3-9	0.55	0.75			56	53	50	47	44	38	31	21
4SPM3-12	4SP3-12	0.75	1			75	71	67	63	58	51	41	29
4SPM3-15	4SP3-15	0.92	1.25			94	88	83	78	73	64	52	36
4SPM3-18	4SP3-18	1.1	1.5			113	106	100	94	87	77	62	43
4SPM3-22	4SP3-22	1.3	1.75			138	129	122	115	107	94	76	52
4SPM3-25	4SP3-25	1.5	2			157	147	139	130	121	107	86	60
4SPM3-29	4SP3-29	1.8	2.5			182	171	161	151	141	124	100	69
4SPM3-33	4SP3-33	2.2	3			207	194	184	172	160	141	114	79
4SPM3-39	4SP3-39	2.6	3.5			244	229	217	203	189	166	135	93
—	4SP3-45	3	4			282	265	251	235	218	192	155	107
—	4SP3-52	3.7	5			326	306	289	271	252	222	179	124
—	4SP3-60	4	5.5			376	353	334	313	291	256	207	143

4SP5

4"

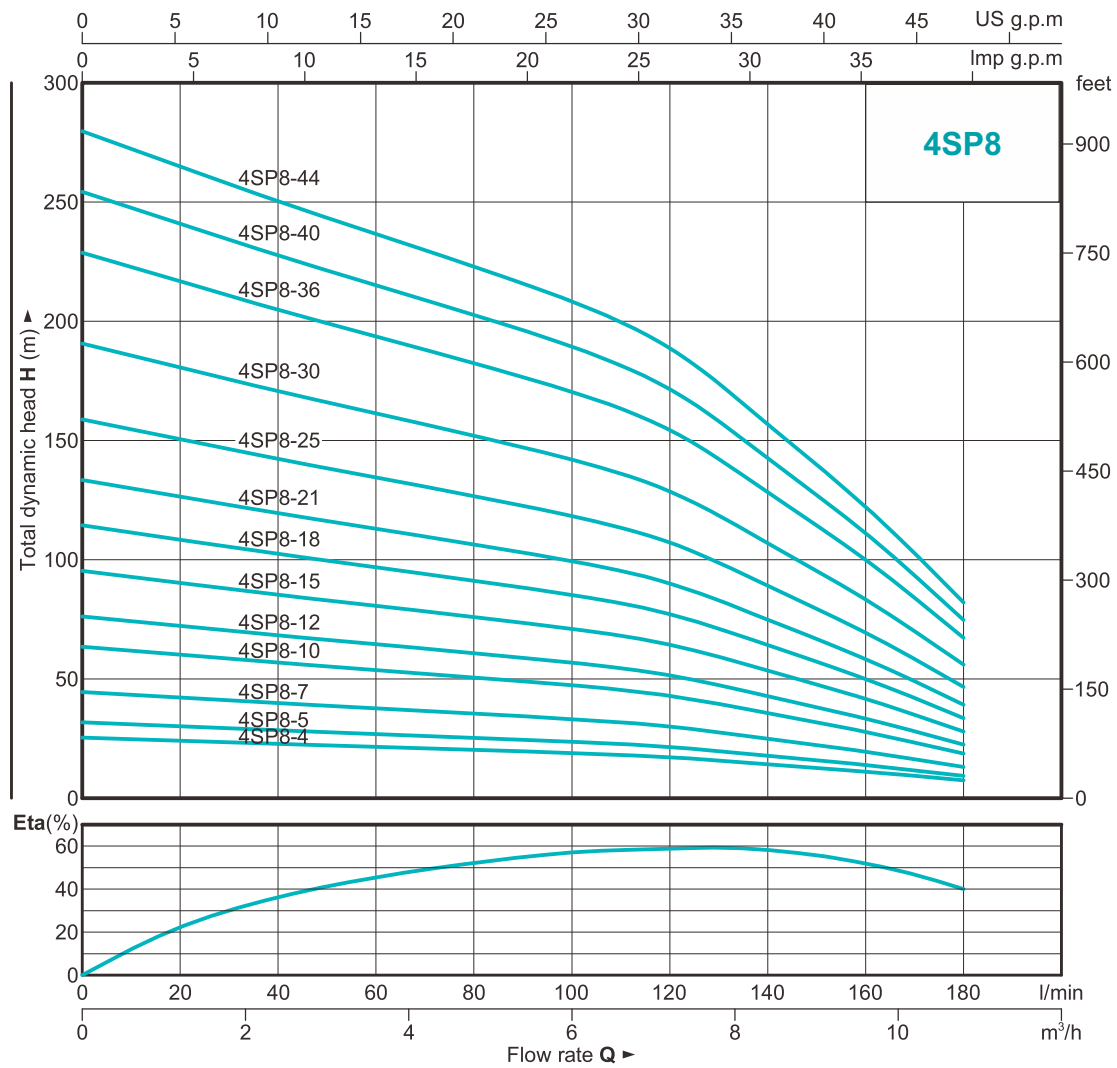


PERFORMANCE DATA 50Hz

Outlet: G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	kW	HP	Q	$\frac{m^3}{h}$ l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
4SPM5-4	4SP5-4	0.37	0.5		0	25	25	24	23	22	21	20	19	18	15	12	9
4SPM5-6	4SP5-6	0.55	0.75		10	38	37	36	35	33	32	30	29	26	23	18	13
4SPM5-8	4SP5-8	0.75	1		20	51	49	48	46	45	43	40	38	35	31	24	18
4SPM5-10	4SP5-10	0.92	1.25		30	64	62	60	58	56	53	51	48	44	38	31	22
4SPM5-12	4SP5-12	1.1	1.5		40	76	74	72	70	67	64	61	57	53	46	37	26
4SPM5-15	4SP5-15	1.3	1.75		50	95	93	90	87	84	80	76	71	66	58	46	33
4SPM5-17	4SP5-17	1.5	2	H(m)	60	108	105	102	98	95	91	86	81	75	65	52	37
4SPM5-21	4SP5-21	1.8	2.5		70	134	130	126	122	117	112	106	100	92	81	64	46
4SPM5-25	4SP5-25	2.2	3		80	159	154	150	145	139	133	126	119	110	96	76	55
4SPM5-29	4SP5-29	2.6	3.5		90	185	179	173	168	161	154	146	138	127	111	88	63
—	4SP5-33	3	4		100	210	204	197	191	184	176	167	157	145	127	101	72
—	4SP5-38	3.7	5		110	242	235	227	220	212	202	192	181	167	146	116	83
—	4SP5-44	4	5.5		120	280	272	263	255	245	234	222	209	193	169	134	96
—	4SP5-52	5	7	H(m)	130	331	321	311	301	290	277	263	247	229	200	159	114
—	4SP5-58	5.5	7.5		140	369	358	347	336	323	309	293	276	255	223	177	127

4SP8



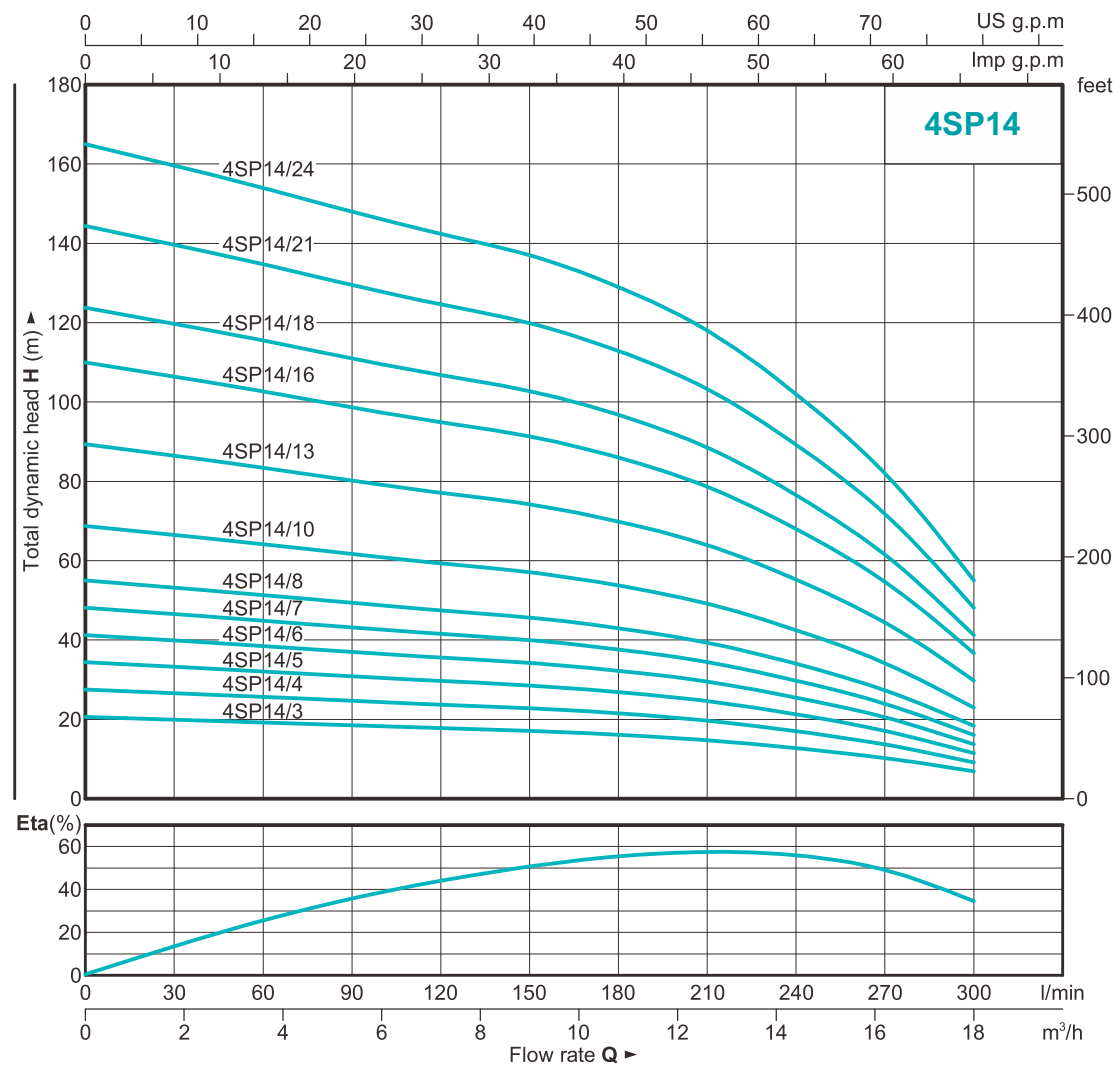
PERFORMANCE DATA 50Hz

Outlet:G1½"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
					l/min	0	20	40	60	80	100	120	140	160	180
4SPM8-4	4SP8-4	0.55	0.75	H(m)	25	24	23	22	20	19	17	14	11	7	
4SPM8-5	4SP8-5	0.75	1		32	30	28	27	25	24	21	18	14	9	
4SPM8-7	4SP8-7	1.1	1.5		44	42	40	38	35	33	30	25	19	13	
4SPM8-10	4SP8-10	1.5	2		64	60	57	54	51	47	43	36	28	19	
4SPM8-12	4SP8-12	1.8	2.5		76	72	68	65	61	57	51	43	33	22	
4SPM8-15	4SP8-15	2.2	3		95	90	85	81	76	71	64	53	42	28	
—	4SP8-18	3	4		114	108	102	97	91	85	77	64	50	34	
—	4SP8-21	3.7	5		133	126	119	113	106	99	90	75	58	39	
—	4SP8-25	4	5.5		159	151	142	134	127	118	107	89	69	47	
—	4SP8-30	5	7		191	181	171	161	152	142	129	107	83	56	
—	4SP8-36	5.5	7.5		229	217	205	194	182	170	154	128	100	67	
—	4SP8-40	6.8	9		254	241	228	215	203	189	172	142	111	75	
—	4SP8-44	7.5	10		280	265	250	237	223	208	189	156	122	82	

4SP14

4"



PERFORMANCE DATA 50Hz

Outlet:G1½"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18
					l/min	0	30	60	90	120	150	180	210	240	270	300
4SPM14/3	4SP14/3	1.1	1.5	H(m)	21	20	19	19	18	17	16	15	13	10	7	
4SPM14/4	4SP14/4	1.3	1.75		28	27	26	25	24	23	22	20	17	14	9	
4SPM14/5	4SP14/5	1.5	2		34	33	32	31	30	29	27	25	21	17	11	
4SPM14/6	4SP14/6	1.8	2.5		41	40	39	37	36	34	32	30	26	21	14	
4SPM14/7	4SP14/7	2.2	3		48	47	45	43	42	40	38	34	30	24	16	
4SPM14/8	4SP14/8	2.6	3.5		55	53	51	49	47	46	43	39	34	27	18	
—	4SP14/10	3	4		69	67	64	62	59	57	54	49	43	34	23	
—	4SP14/13	4	5.5		89	86	83	80	77	74	70	64	55	44	30	
—	4SP14/16	5	7		110	106	103	99	95	91	86	79	68	55	37	
—	4SP14/18	5.5	7.5		124	120	116	111	107	103	97	89	77	62	41	
—	4SP14/21	6.8	9		144	140	135	130	125	120	113	103	89	72	48	
—	4SP14/24	7.5	10		165	160	154	148	142	137	129	118	102	82	55	

QGDa

Function And Feature

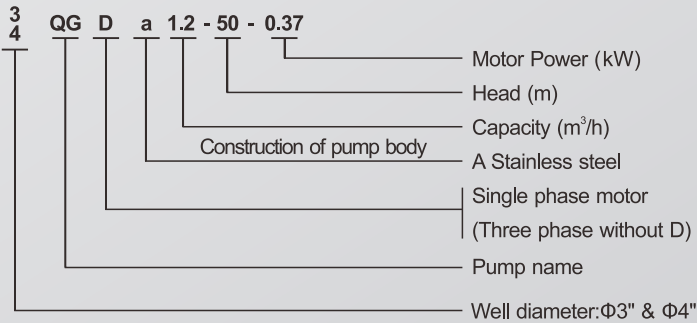
· QG series of sandproof small size submersible screw pump is mainly consisted of submersible motor, single screw pump and seal, single phase or three phase asynchronous motor is dry type or oil-filling type construction. The motor is positioned under the pump and submerged in water, so the heat dissipation effect is very good. The single screw pump is consisted of a single helix resilience rubber stator and creates a continuously forming cavity as it rotates. This cavity which carrying pumped liquid from inlet progresses towards the discharge end. The motor adopts "O" sealing ring and double end face mechanical seal. Function of seal is reliable and long working life.

Pump

- Capacity from 1 to 2 (m³/h)
- Total head from 50 to 150 (m)

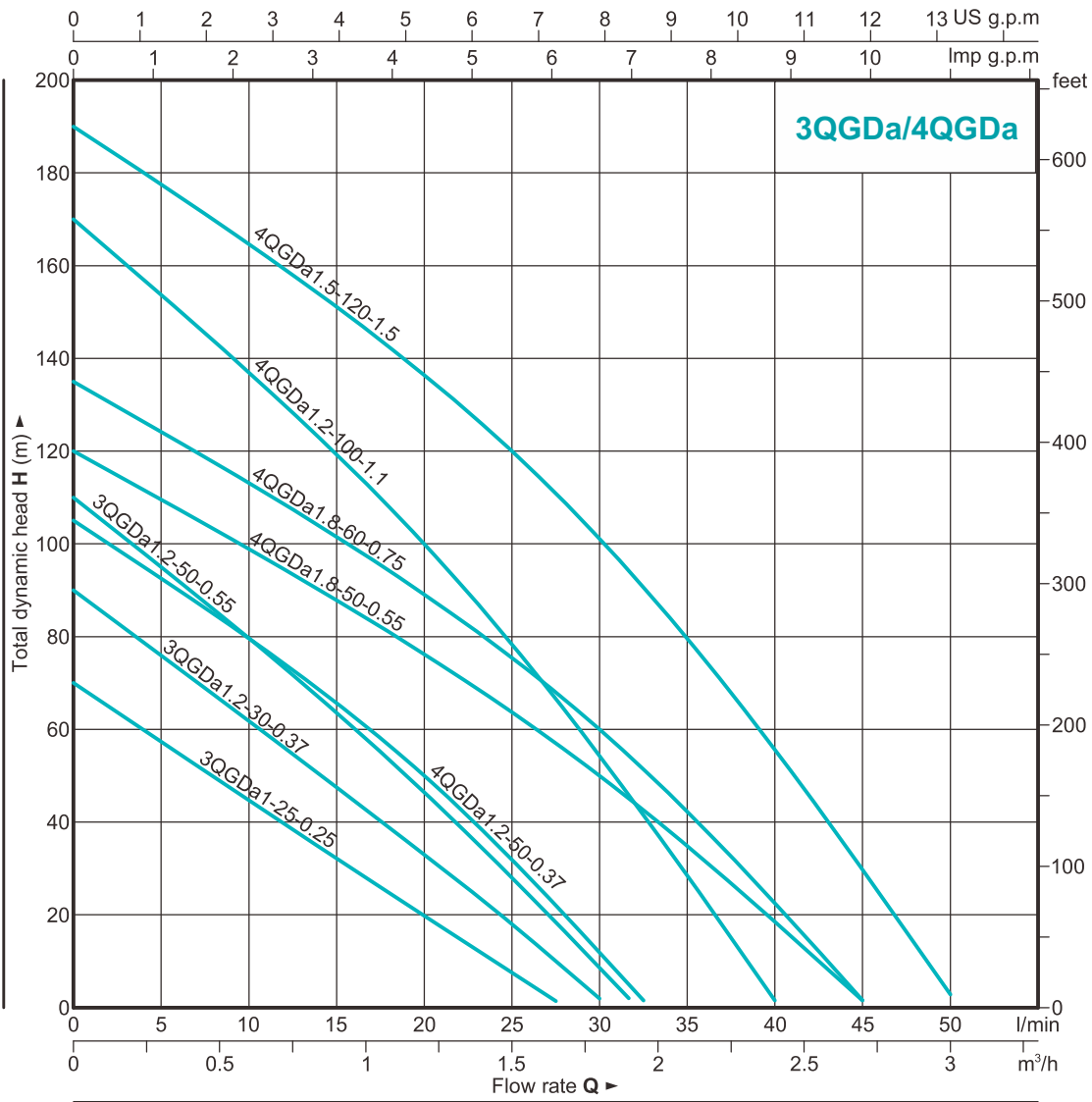
Motor

- Power: 0.25 to 1.5 kW
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ3" & Φ4"
- Highest temperature of liquid: 40℃



3QGDa/4QGDa

3/4"



PERFORMANCE DATA 50Hz

rpm≈2850 1/min

MODEL	P ₂		Max.Flow		Max.Head	Voltage	Max.Dia	Outlet	Length
	kW	HP	l/min	m³/h	(m)	(V)	(mm)	(Inch)	(mm)
3QGD a 1.2-50-0.25	0.25	0.33	28	1.7	70	220	75	1	580
3QGD a 1.8-50-0.37	0.37	0.5	30	1.8	90			1	610
3QGD a 1.8-60-0.55	0.55	0.75	32	1.9	110			1	650
4QGD a 1.2-50-0.37	0.37	0.5	32	1.9	105		96	1	562
4QGD a 1.8-50-0.55	0.55	0.75	45	2.7	120			1	591
4QGD a 1.8-60-0.75	0.75	1	45	2.7	135			1	606
4QGD a 1.2-100-1.1	1.1	1.5	40	2.4	170			1	656
4QGD a 1.5-120-1.5	1.5	2	50	3	190			1	686

QGD

Function And Feature

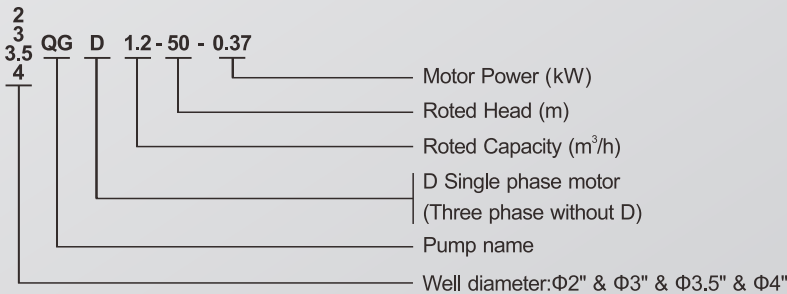
· QG series of sandproof small size submersible screw pump is mainly consisted of submersible motor, single screw pump and seal, single phase or three phase asynchronous motor is dry type or oil-filling type construction. The motor is positioned under the pump and submerged in water, so the heat dissipation effect is very good. The single screw pump is consisted of a single helix resilience rubber stator and creates a continuously forming cavity as it rotates. This cavity which carrying pumped liquid from inlet progresses towards the discharge end. The motor adopts "O" sealing ring and double end face mechanical seal. Function of seal is reliable and long working life.

Pump

- Capacity from 0.3 to 2 (m³/h)
- Total head from 100 to 25(m)

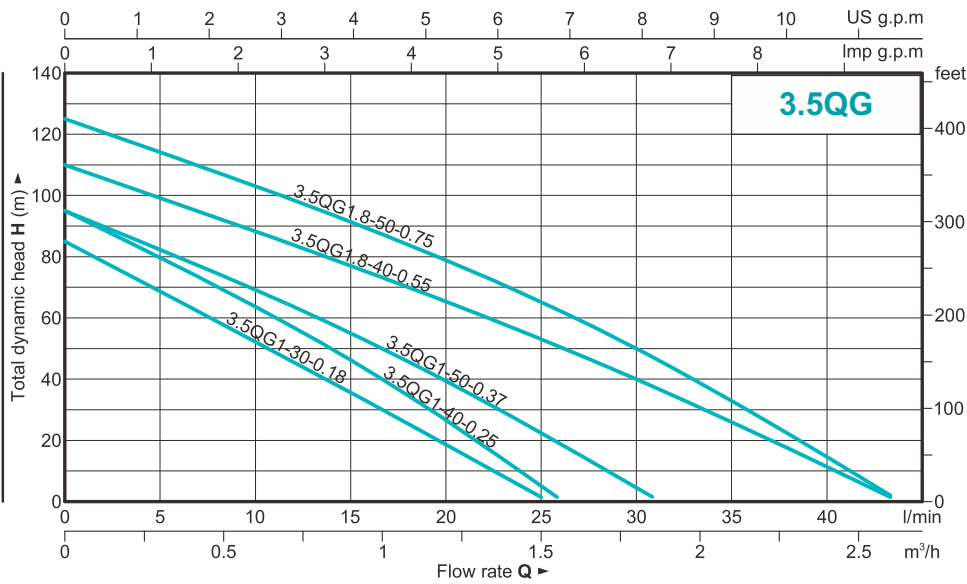
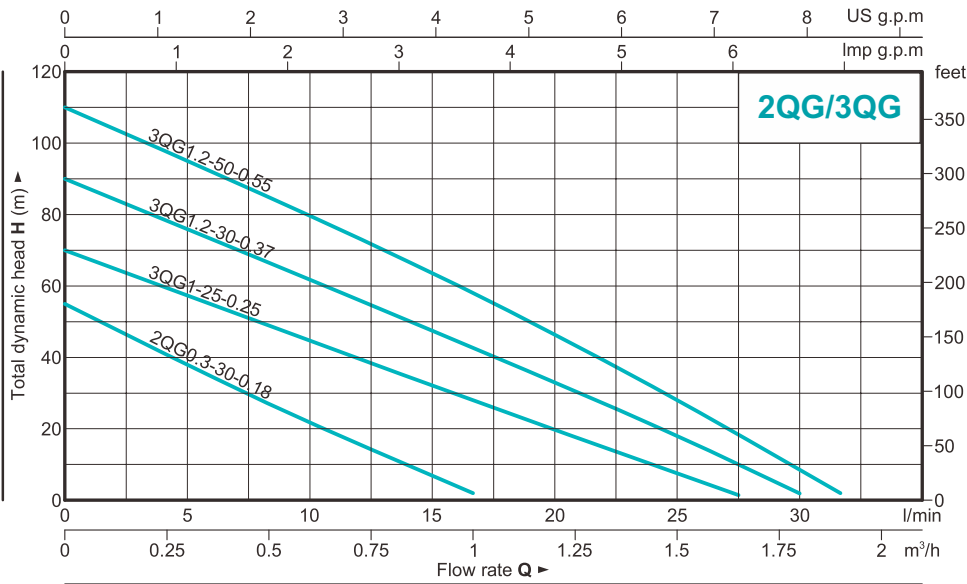
Motor

- Continuous service
- Power: 0.18~0.75kW
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ2" & Φ3" & Φ3.5" & Φ4"
- Highest temperature of liquid: 35°C



2QG/3QG/3.5QG

2/3/3.5"

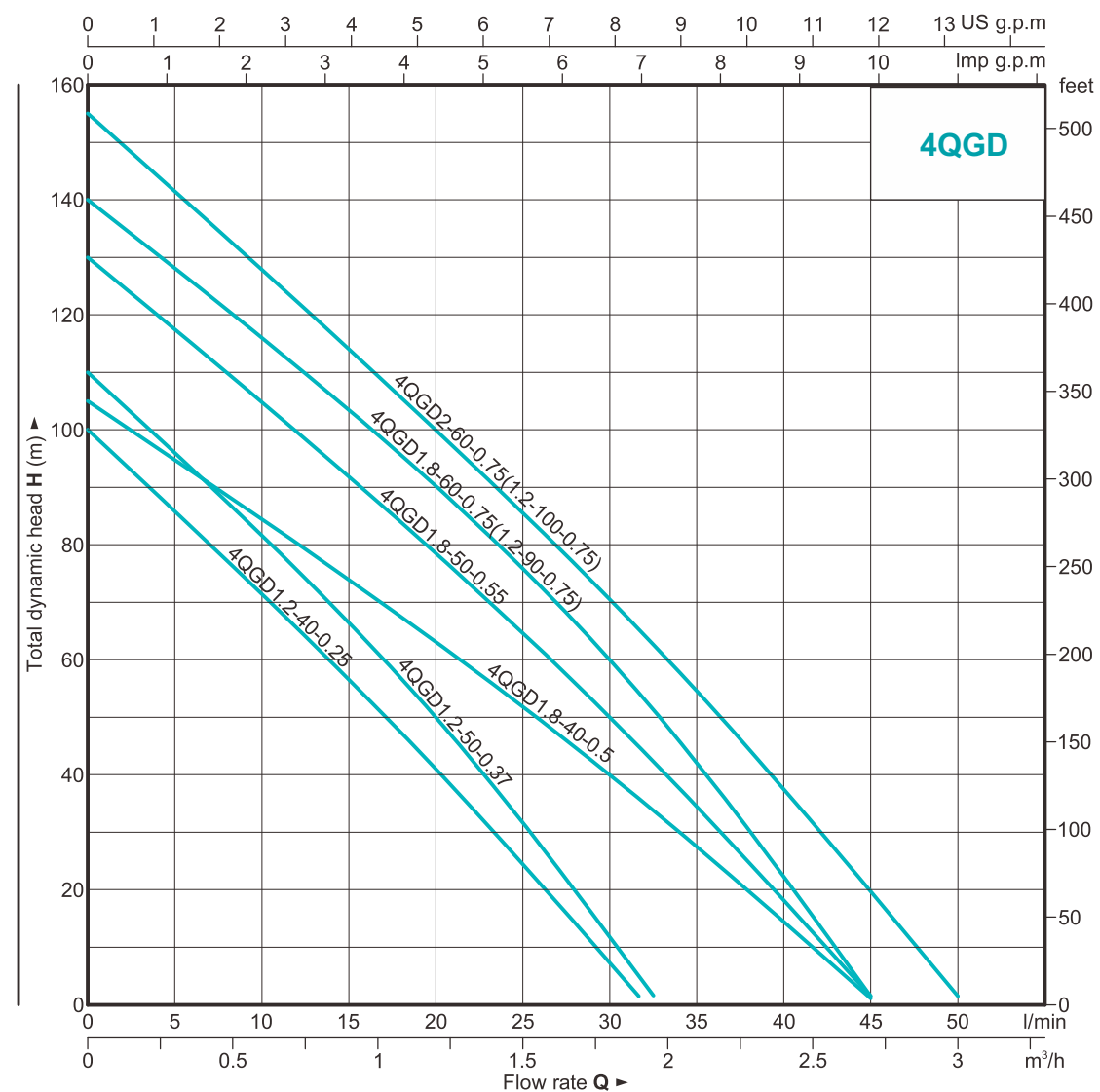


PERFORMANCE DATA 50Hz

rpm≈2850 1/min

MODEL	P ₂		Max.Flow		Max.Head	Voltage	Max.Dia	Outlet	Length
	kW	HP	l/min	m³/h	(m)	(V)	(mm)	(Inch)	(mm)
2QGD0.3-30-0.18	0.18	0.25	17	1	55	220	52	½	633
3QGD1-25-0.25	0.25	0.33	28	1.7	70		76	1	577
3QGD1.2-30-0.37	0.37	0.5	30	1.8	90			1	607
3QGD1.2-50-0.55	0.55	0.75	32	1.9	110			1	647
3.5QGD1-30-0.18	0.18	0.25	25	1.5	85		90	1	512
3.5QGD1-40-0.25	0.25	0.33	25	1.5	95			1	522
3.5QGD1-50-0.37	0.37	0.5	30	1.8	95			1	532
3.5QGD1.8-40-0.55	0.55	0.75	43	2.6	110			1	571
3.5QGD1.8-50-0.75	0.75	1	43	2.6	125			1	596

4QGD

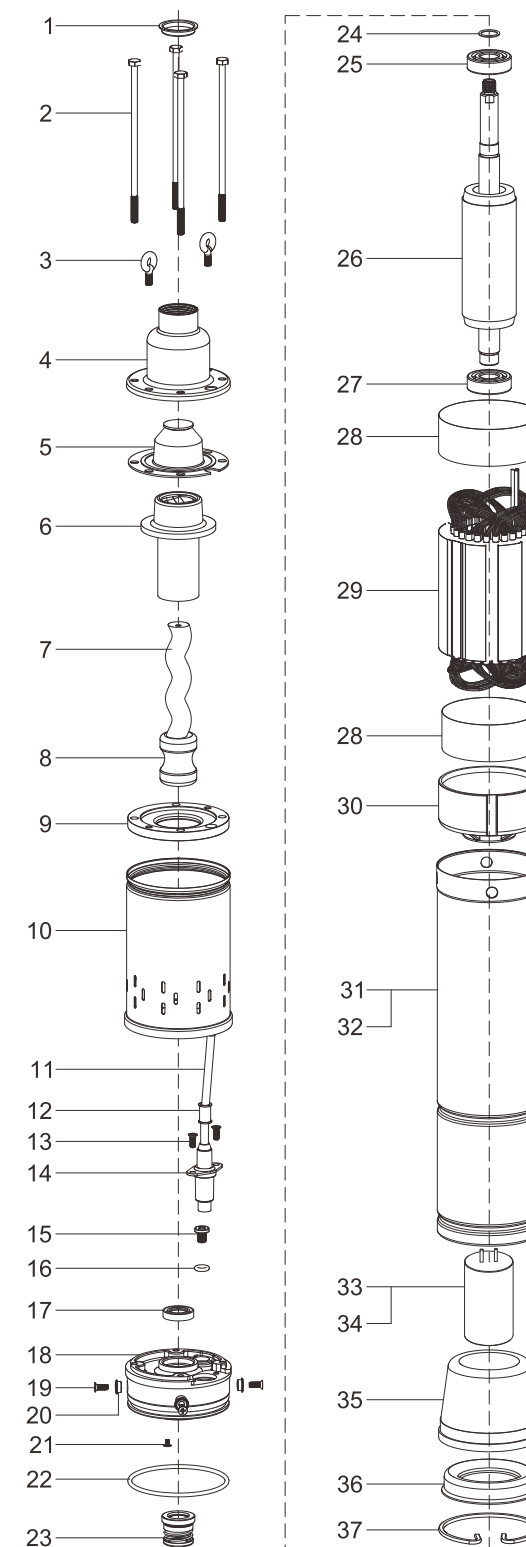


PERFORMANCE DATA 50Hz

rpm≈2850 1/min

MODEL	P ₂		Max.Flow		Max.Head	Voltage	Max.Dia	Outlet	Length
	kW	HP	l/min	m ³ /h	(m)	(V)	(mm)	(Inch)	(mm)
4QGD1.2-40-0.25	0.25	0.33	32	1.9	100	220	96(102)	1	515(523)
4QGD1.2-50-0.37	0.37	0.5	32	1.9	110			1	525(533)
4QGD1.8-40-0.5	0.5	0.7	45	2.7	105			1	539(547)
4QGD1.8-50-0.55	0.55	0.75	45	2.7	130			1	568(576)
4QGD1.8-60-0.75	0.75	1	45	2.7	140			1	583
4QGD1.2-90-0.75	0.75	1	45	2.7	140			1	583
4QGD2-60-0.75	0.75	1	48	2.9	155			1	608
4QGD1.2-100-0.75	0.75	1	48	2.9	155			1	608

QGD Breakdown diagram



1	Pump Cover
2	Bolt
3	Pull ring
4	Outlet
5	Sand proof sleeve
6	Screw sleeve
7	Screw
8	Coupling
9	Fixed splint
10	Inlet section
11	Cable
12	Cable sheath
13	Screw
14	Cable clamp
15	Grease screw
16	"O"-ring
17	Framework oil seal
18	Oil chamber
19	Screw
20	Locking ring
21	Screw
22	"O"Ring
23	Mechanical seal
24	Gasket
25	Bearing
26	Rotor
27	Bearing
28	Insulation paper
29	Stator
30	Down bearing seat
31	Motor pipe
32	Oil
33	Capacitor
34	wiring cap
35	Rubber cup
36	End cover
37	Clamping spring

SK

Typical Applications

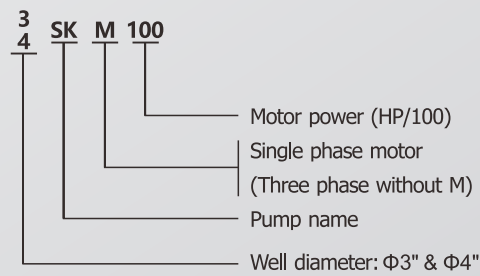
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
3SK	2.2	0.6~1.8	44~10
4SK	2.9	0.6~2.4	103~40

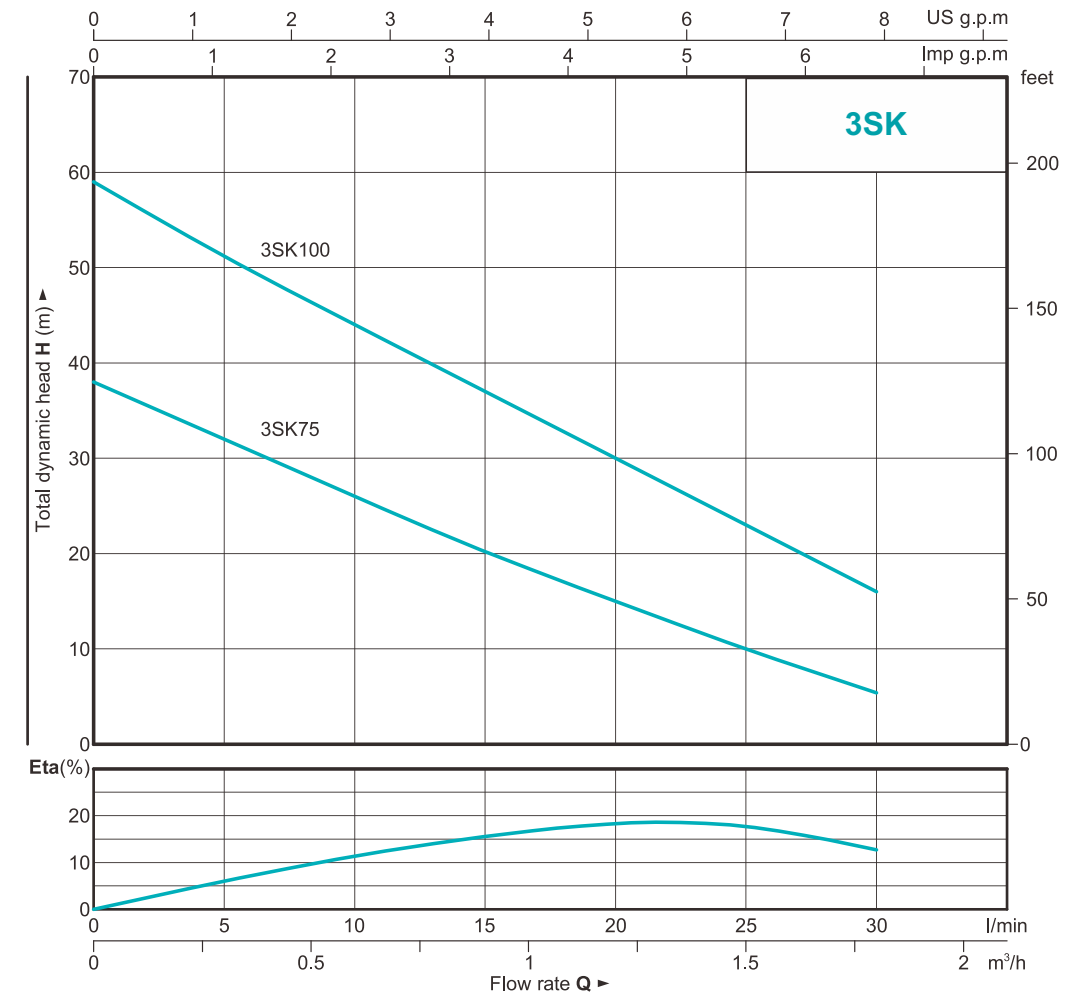
Motor

- Continuous service
- Power: 0.55-1.5kW
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: $\Phi 3''$ & $\Phi 4''$
- Highest temperature of liquid: 40°C



3SK

3"

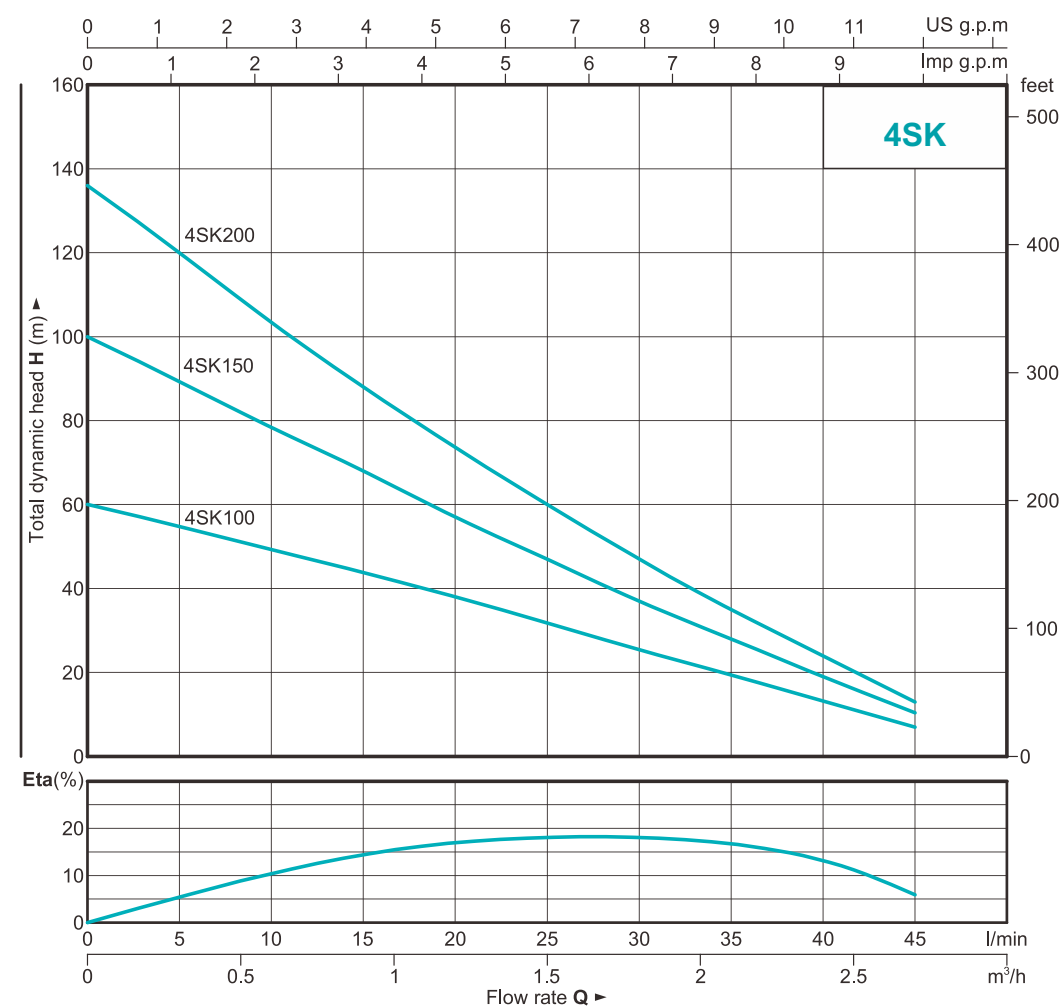


PERFORMANCE DATA 50Hz

Outlet:G1"

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8
3SKM75	3SK75	0.55	0.75	H(m)		38	32	26	20	15	10	5
3SKM100	3SK100	0.75	1			59	51	44	37	30	23	16

4SK



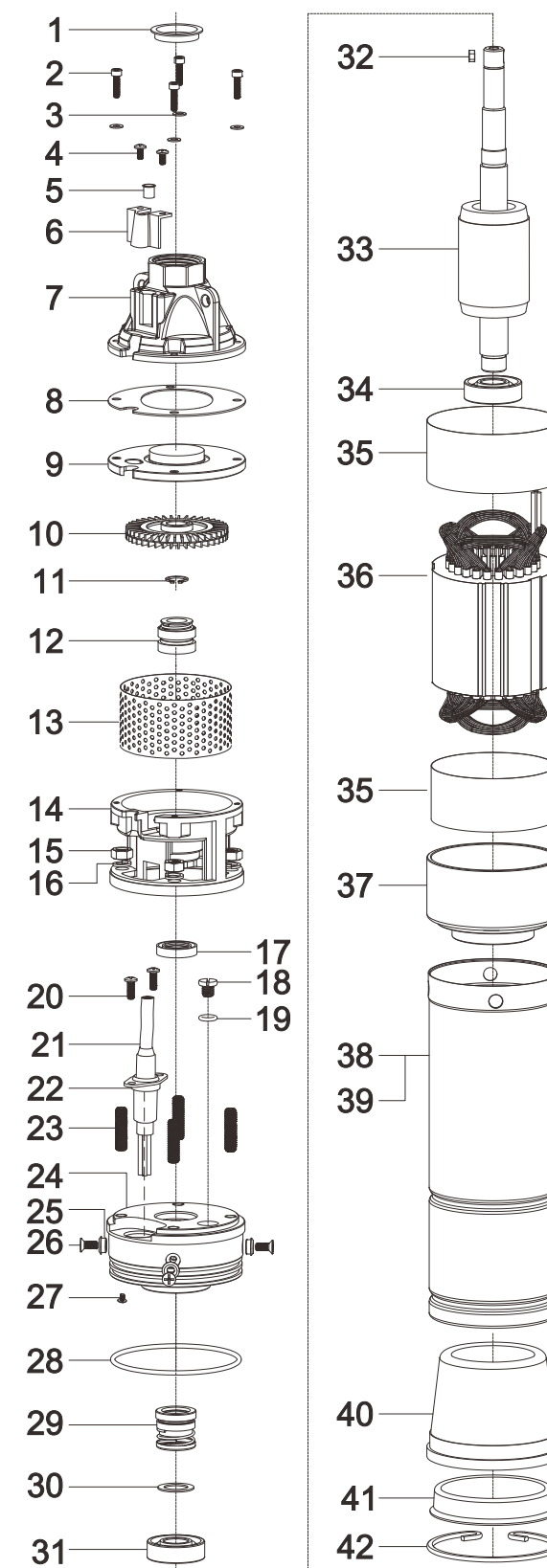
PERFORMANCE DATA 50Hz

Outlet:G1"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	
					l/min	0	5	10	15	20	25	30	35	40	45	
4SKM100	4SK100	0.75	1	H(m)		60	55	49	44	38	32	25	19	13	7	
4SKM150	4SK150	1.1	1.5			100	89	78	68	57	47	37	28	19	10	
4SKM200	4SK200	1.5	2			135	120	103	88	74	60	47	35	24	13	

4SK Breakdown diagram

4"



1	Pump cover
2	screw
3	Spring washer
4	screw
5	Cable shield
6	Cable cover
7	Outlet
8	Rubber pad
9	Copper cover
10	Copper impeller
11	Circlip
12	Mechanical seal
13	Strainer
14	Suction support
15	Nut
16	Spring washer
17	Framework oil seal
18	Grease screw
19	"O"Ring
21	Cable
22	Cable clamp
23	Bolt
24	Bearing seat
25	Screw
26	Gasket
27	Screw
28	"O"Ring
29	Mechanical seal
30	Mechanical seal gasket
31	Bearing
32	Flat key
33	Rotor
34	Bearing
35	Bushing
36	Stator
37	Bearing seat
38	Motor pipe
39	Oil
40	Rubber cup
41	End cover
42	Clamping spring

4SV/4NK

Typical Applications

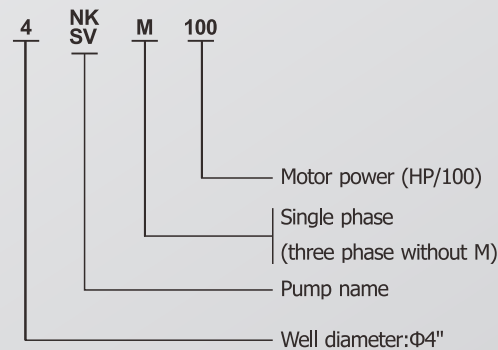
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

- Qmax: 2.8 (m³/h)
- Capacity from 0.6 to 2.4 (m³/h)
- Total head from 88 to 10 (m)

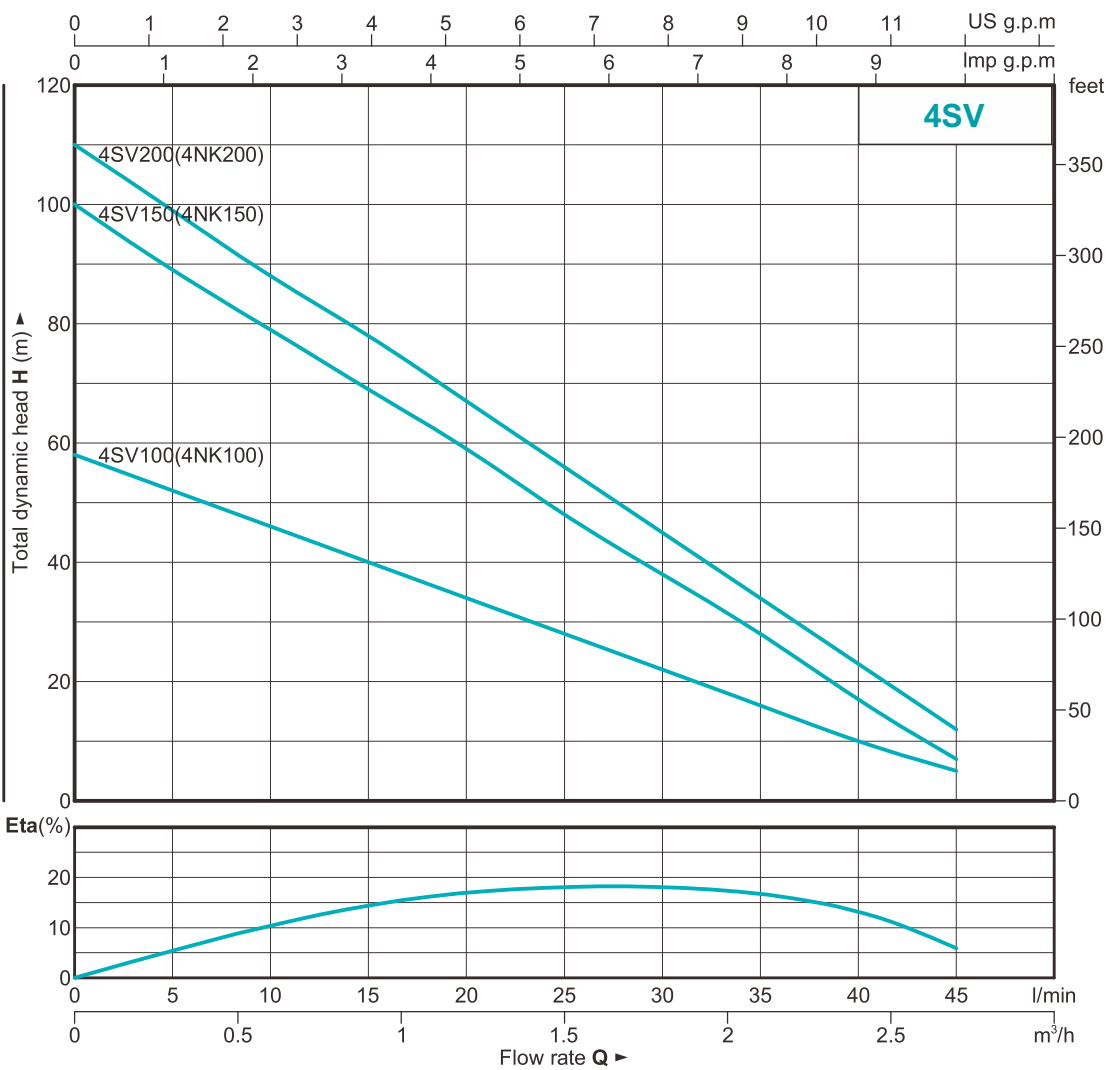
Motor

- Continuous service
- Power: 0.75-1.5kW
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ4"
- Highest temperature of liquid: 40°C



4SV/4NK

4"



PERFORMANCE DATA 50Hz

Outlet:G1"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	
						0	5	10	15	20	25	30	35	40	45	
4SVM100	4SV100	0.75	1	H(m)	58	52	46	40	34	28	22	16	10	5		
4NKM100	4NK100				100	89	79	69	59	48	38	28	17	7		
4SVM150	4SV150	1.1	1.5		110	99	88	78	67	56	45	34	23	12		
4NKM150	4NK150															
4SVM200	4SV200	1.5	2													
4NKM200	4NK200															

4SQ

Typical Applications

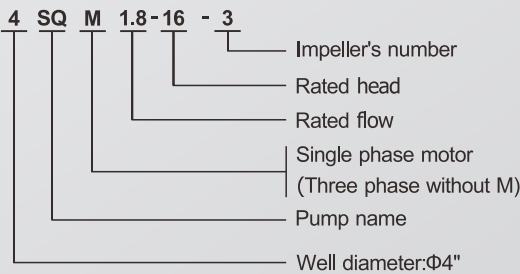
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

- Capacity from 0.6 to 3 (m³/h)
- Total head from 121 to 12

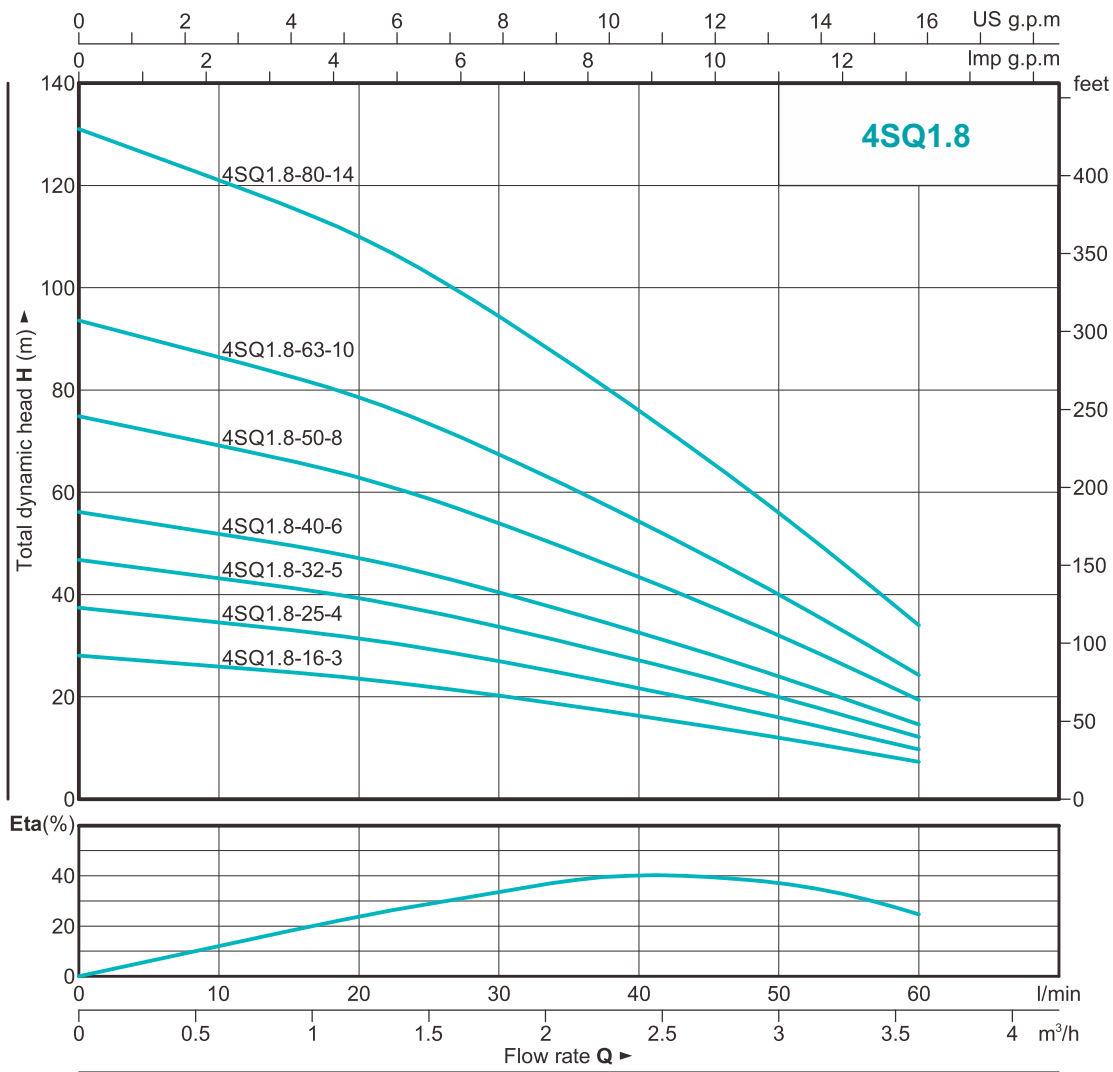
Motor

- Continuous service
- Power: 0.18~1.1kW (Single phase)
- Power: 0.18~1.1kW (Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ4"
- Highest temperature of liquid: 40



4SQ

4"



PERFORMANCE DATA 50Hz										Outlet:G1"~G1¼"			
MODEL		P ₂		DELIVERY n≈2850 1/min									
1~	3~	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	
220V-240V	380-415V					0	10	20	30	40	50	60	
4SQM1.8-16-3	4SQ1.8-16-3	0.18	0.25	H(m)		28	26	24	20	16	12	7	
4SQM1.8-25-4	4SQ1.8-25-4	0.25	0.33			37	35	31	27	22	16	10	
4SQM1.8-32-5	4SQ1.8-32-5	0.37	0.5			46	43	39	34	27	20	12	
4SQM1.8-40-6	4SQ1.8-40-6	0.55	0.75			56	52	47	40	33	24	15	
4SQM1.8-50-8	4SQ1.8-50-8	0.75	1			74	69	63	54	43	32	19	
4SQM1.8-63-10	4SQ1.8-63-10	0.75	1			93	86	79	67	54	40	24	
4SQM1.8-80-14	4SQ1.8-80-14	1.1	1.5			130	121	110	94	76	56	34	

DS

Typical Applications

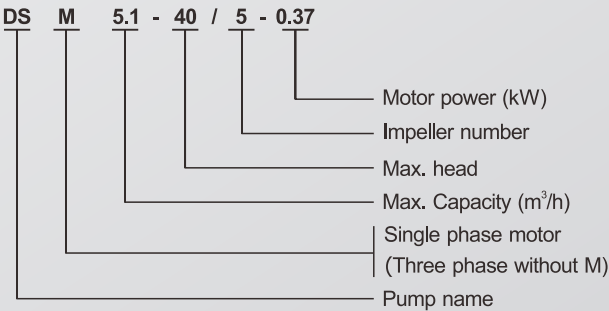
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

- Capacity from 1.2 to 4.2(m³/h)
- Total head from 50 to 19(m)

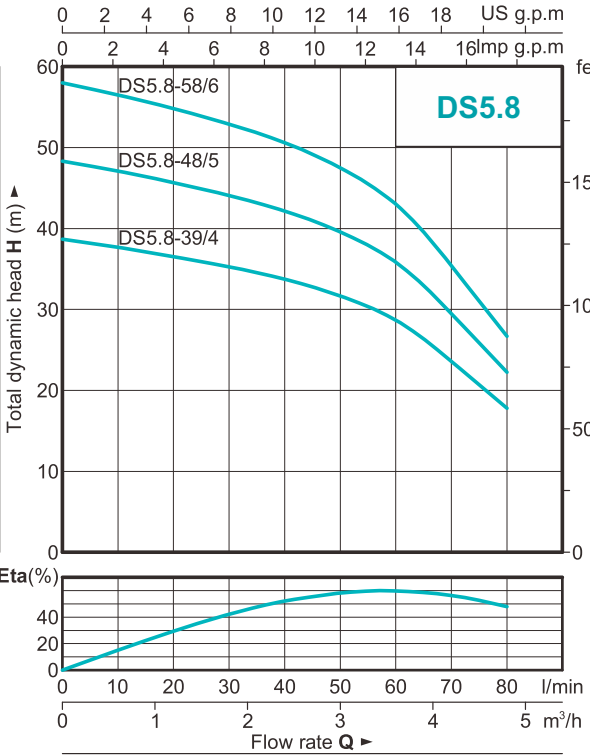
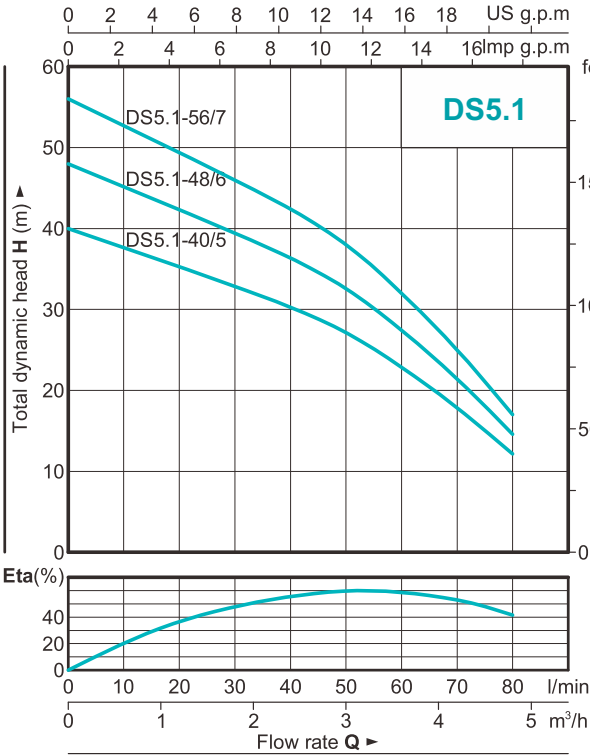
Motor

- Power: 0.37 to 0.8kW
- Insulation class: B
- Production grade: IP68
- Minimum well diameter: Φ4"
- Highest temperature of liquid: 40℃



4"

DS



PERFORMANCE DATA 50Hz

Outlet:NPT1¼" / G1¼"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
DSM5.1-40/5	DS5.1-40/5	0.37	0.5	H(m)	40	38	35	33	30	27	23	18	12	
DSM5.1-48/6	DS5.1-48/6	0.6	0.8		48	45	42	39	36	33	27	21	15	
DSM5.1-56/7	DS5.1-56/7	0.8	1.1		56	53	49	46	42	38	32	25	17	

PERFORMANCE DATA 60Hz

Outlet:NPT1¼" / G1¼"

MODEL		P ₂		DELIVERY n≈3450 1/min										
1~ 110V-240V	3~ 220-400V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
DSM5.8-39/4	DS5.8-39/4	0.37	0.5	H(m)	39	38	37	35	34	32	29	24	18	
DSM5.8-48/5	DS5.8-48/5	0.6	0.8		48	47	46	44	42	40	36	30	22	
DSM5.8-58/6	DS5.8-58/6	0.8	1.1		58	57	55	53	51	48	43	35	27	

SCM

Applications

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

Operating Conditions

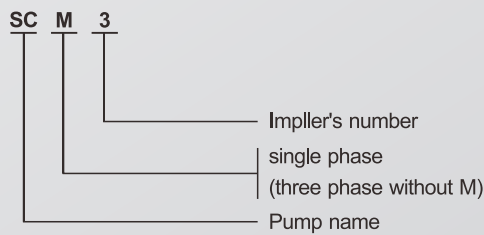
- Maximum fluid temperature up to +35°C.
- Maximum sand content:0.25%.
- Maximum immersion:50m.
- Maximum well diameter:130mm.

Motor and Pump

- Rewindable motor
- **Three-phase:** 380V - 415V/50Hz
- **Single-phase:** 220V - 240V/50Hz
- Equip with start control box or digital auto-control box
- It's available to equip with floating switch
- Curve tolerance according to ISO9906

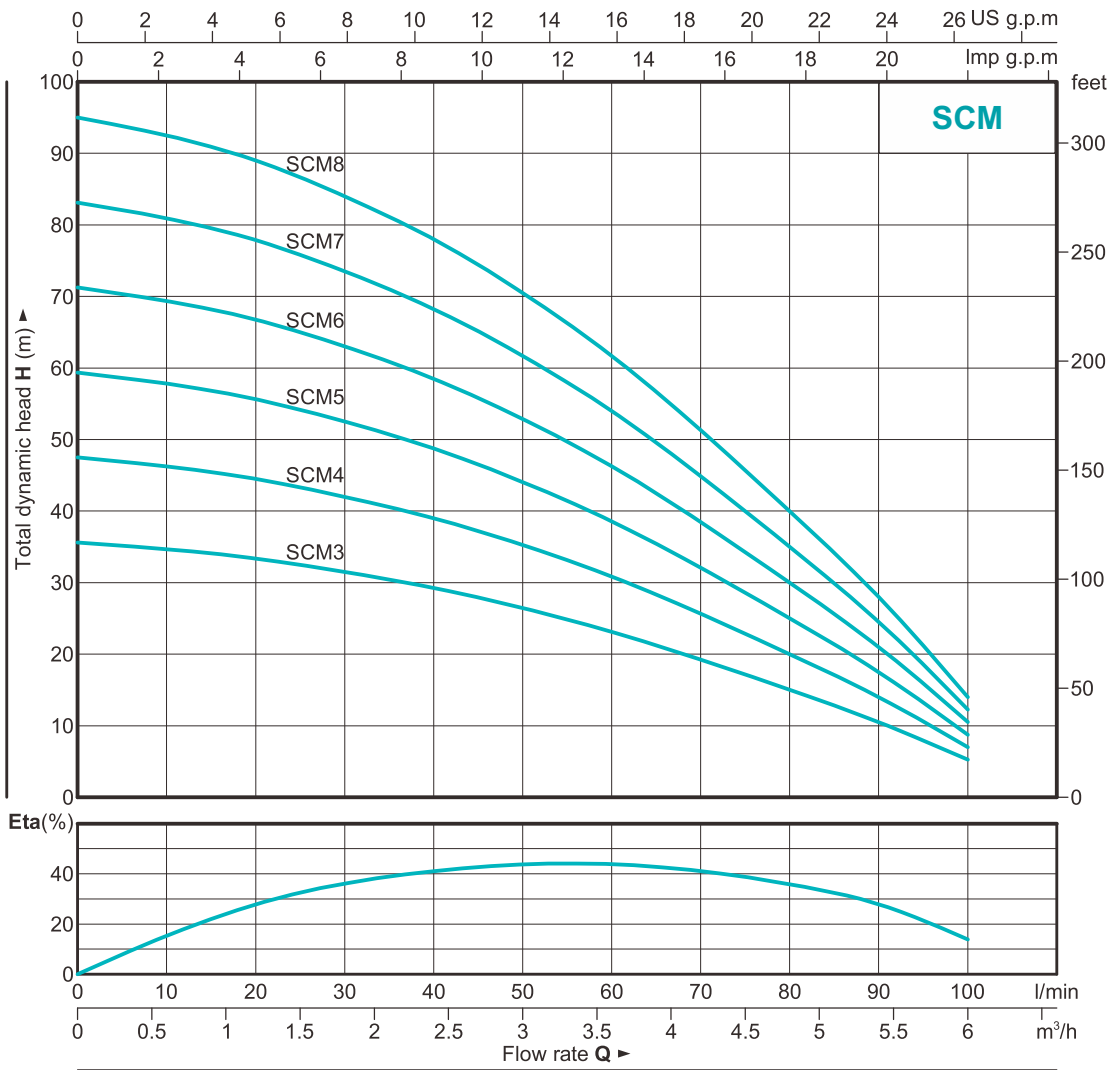
Warranty:1 year

- (according to our general sales conditions.)



SCM

5"



PERFORMANCE DATA 50Hz

Outlet:G1¼"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
						0	10	20	30	40	50	60	70	80	90	100
SCM3	SC3	0.55	0.75		H(m)	36	35	33	32	29	26	23	19	15	11	5
SCM4	SC4	0.75	1			48	46	45	42	39	35	31	26	20	14	7
SCM5	SC5	0.92	1.25			59	58	56	53	49	44	39	32	25	18	9
SCM6	SC6	1.1	1.5			71	69	67	63	59	53	46	38	30	21	11
SCM7	SC7	1.3	1.75			83	81	78	74	68	62	54	45	35	25	12
SCM8	SC8	1.5	2			95	93	89	84	78	71	62	51	40	28	14

5SR

Typical Applications

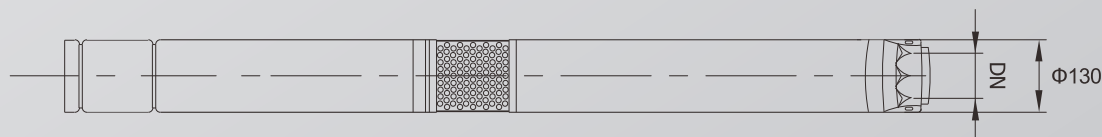
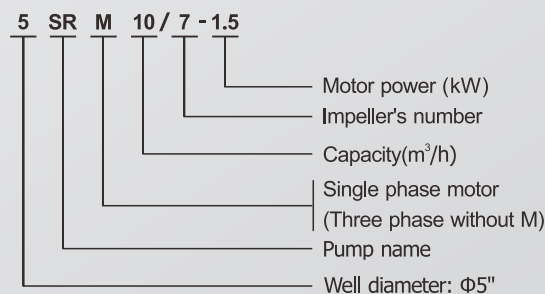
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
5SR10	15	3~12	314~22
5SR15	23.5	3~18	221~18
5SR20	30	6~24	150~23
5SR30	44	10~35	108~15

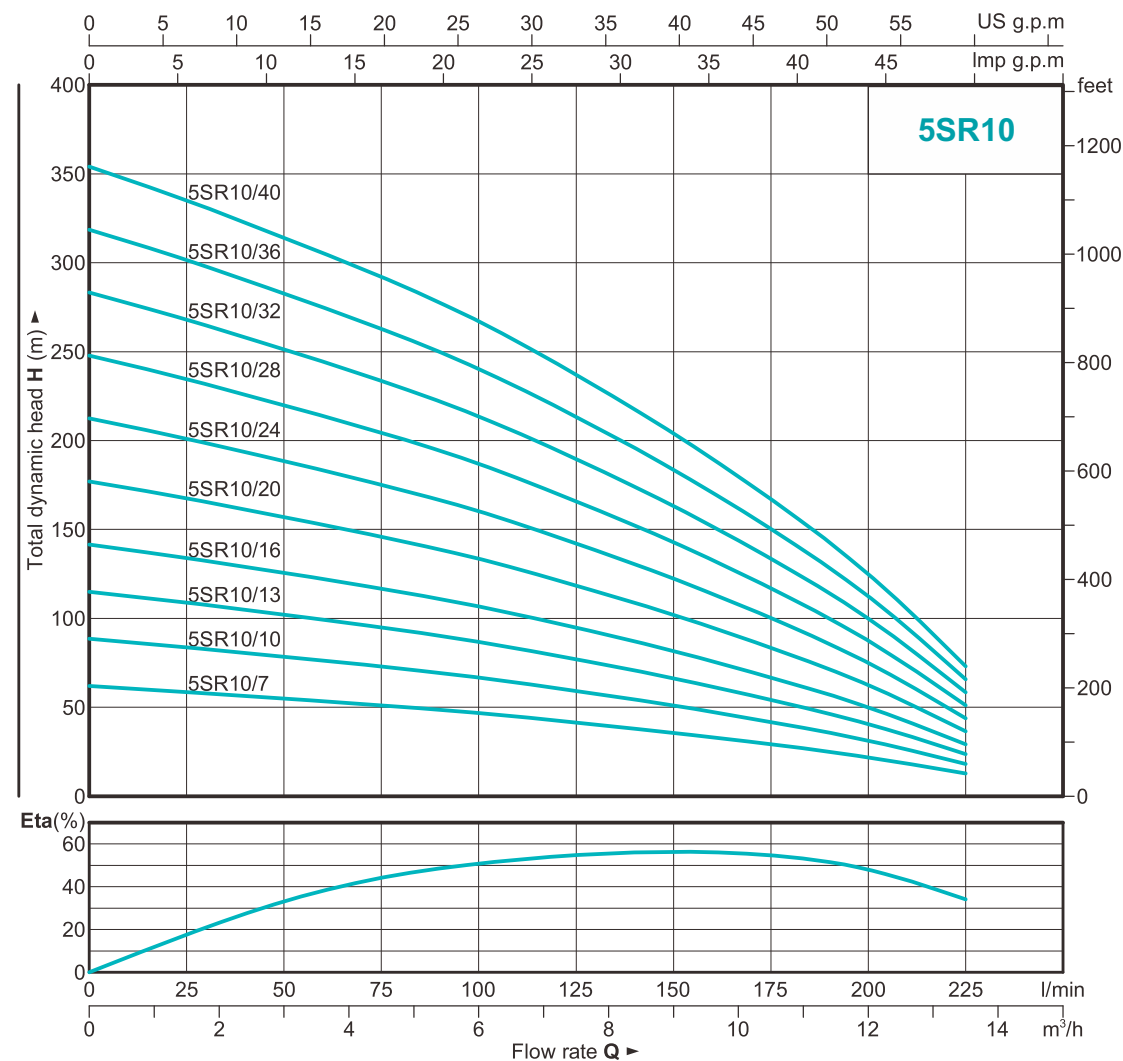
Motor

- Continuous service
- Power: 1.5~4kW (Single phase)
- Power: 1.5~11kW (Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: $\Phi 5"$
- Highest temperature of liquid: 40 °C



5SR10

5"

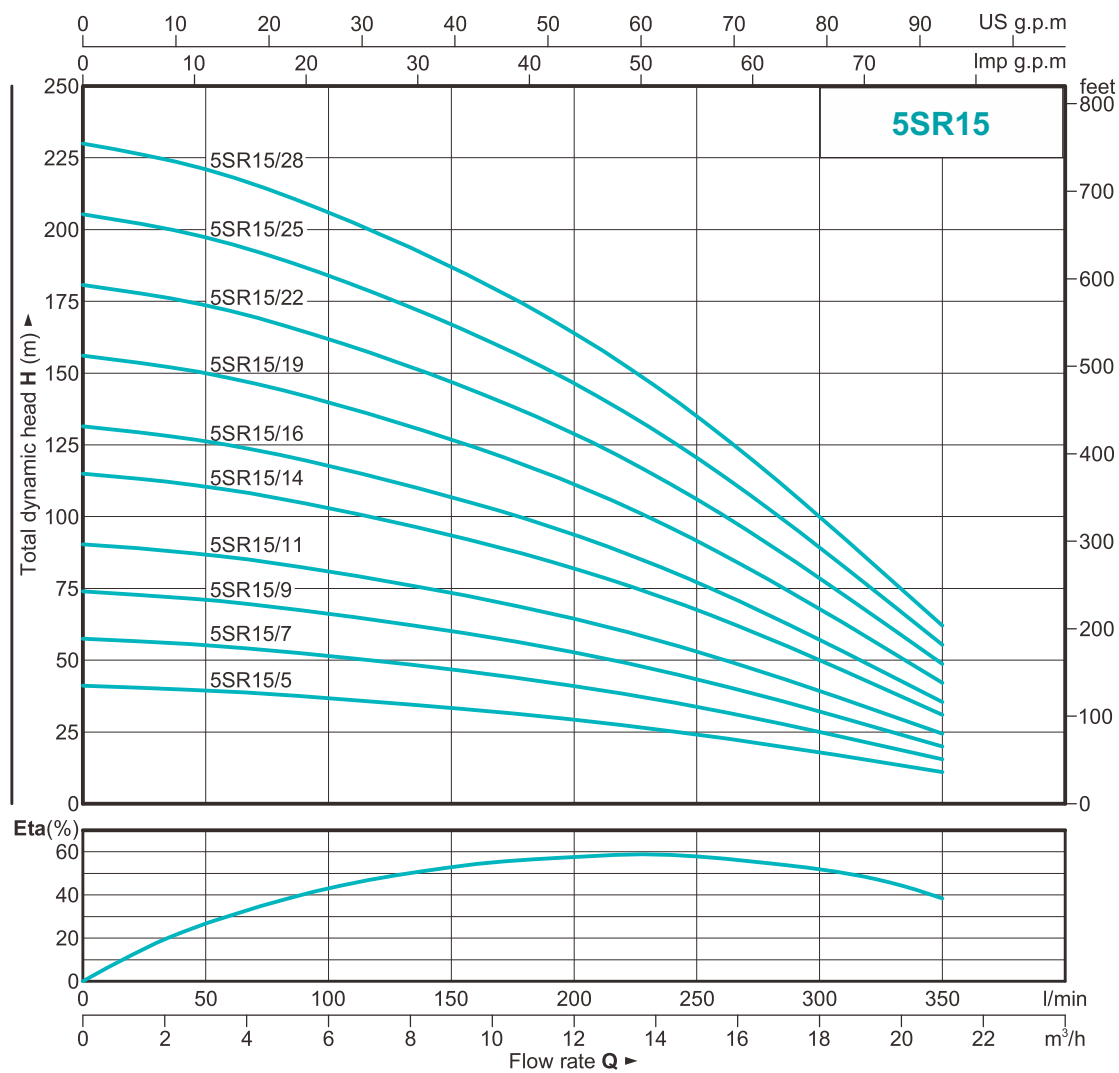


PERFORMANCE DATA 50Hz

Outlet: G2"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h l/min	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5
5SRM10/7	5SR10/7	1.5	2	H(m)	62	59	55	51	47	41	36	29	22	13	
5SRM10/10	5SR10/10	2.2	3		89	84	79	73	67	59	51	42	31	18	
5SRM10/13	5SR10/13	3	4		115	109	102	95	87	77	66	54	41	24	
—	5SR10/16	4	5.5		142	134	126	117	107	95	82	67	50	29	
—	5SR10/20	5.5	7.5		177	168	157	146	134	119	102	83	62	36	
—	5SR10/24	5.5	7.5		212	201	188	175	160	142	122	100	75	44	
—	5SR10/28	7.5	10		248	235	220	204	187	166	143	117	88	51	
—	5SR10/32	7.5	10		283	268	251	234	214	190	163	134	100	58	
—	5SR10/36	9.2	12.5		319	302	283	263	240	213	184	150	113	66	
—	5SR10/40	9.2	12.5		354	335	314	292	267	237	204	167	125	73	

5SR15



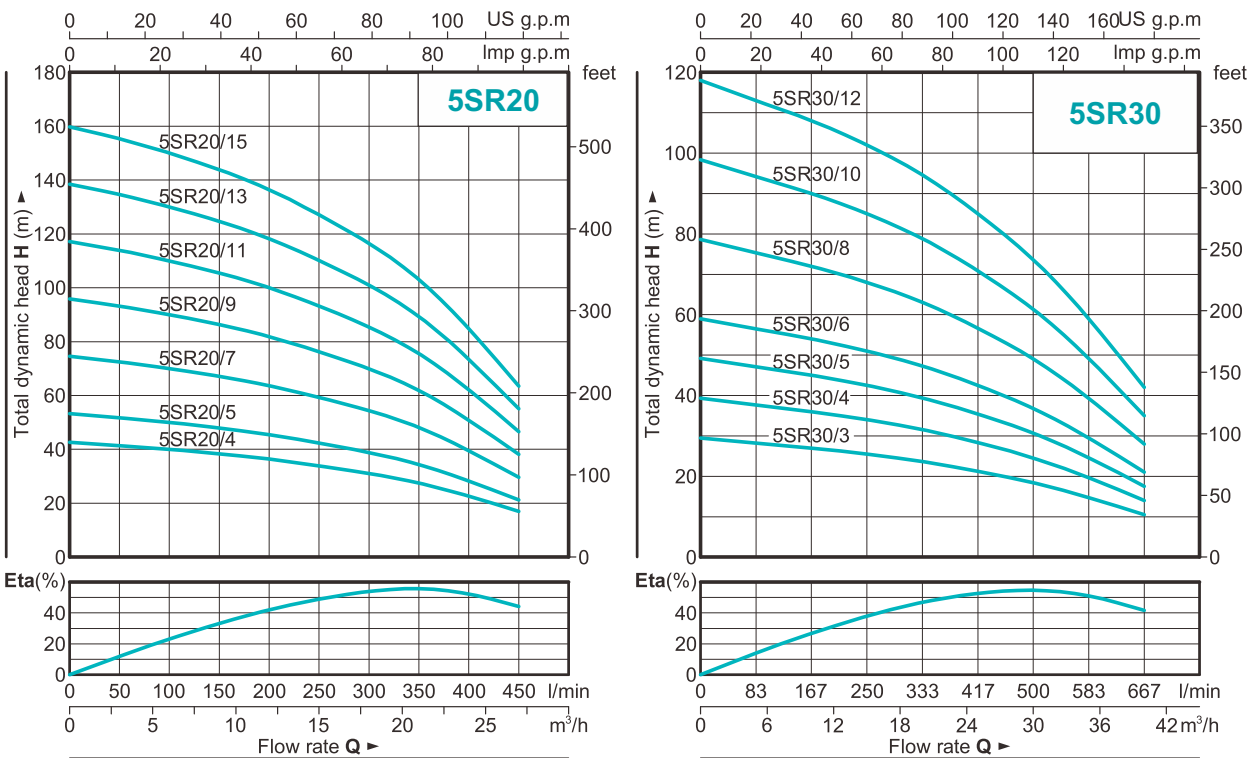
PERFORMANCE DATA 50Hz

Outlet:G2"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	3	6	9	12	15	18	21
5SRM15/5	5SR15/5	1.5	2	H(m)	41	39	37	33	29	24	18	11	
5SRM15/7	5SR15/7	2.2	3		57	55	51	47	41	34	25	15	
5SRM15/9	5SR15/9	3	4		74	71	66	60	53	43	32	20	
—	5SR15/11	4	5.5		90	87	81	73	64	53	39	24	
—	5SR15/14	5.5	7.5		115	110	103	93	82	67	50	31	
—	5SR15/16	5.5	7.5		131	126	118	107	94	77	57	35	
—	5SR15/19	7.5	10		156	150	140	127	111	92	68	42	
—	5SR15/22	7.5	10		181	174	162	147	129	106	79	49	
—	5SR15/25	9.2	12.5		205	197	184	167	146	121	89	55	
—	5SR15/28	9.2	12.5		230	221	206	187	164	135	100	62	

5SR20/5SR30

5"



PERFORMANCE DATA 50Hz

Outlet:G2"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	3	6	9	12	15	18	21	24	27
5SRM20/4	5SR20/4	2.2	3	H(m)		43	42	40	38	37	34	31	28	23	17
5SRM20/5	5SR20/5	3	4			53	52	50	48	46	42	39	34	28	21
5SRM20/7	5SR20/7	4	5.5			75	73	70	67	64	59	54	48	40	30
-	5SR20/9	5.5	7.5			96	94	90	86	83	76	70	62	51	38
-	5SR20/11	7.5	10			117	115	110	105	101	93	85	76	62	47
-	5SR20/13	9.2	12.5			138	135	130	125	119	110	101	89	73	55
-	5SR20/15	11	15			160	156	150	144	138	127	116	103	85	64

PERFORMANCE DATA 50Hz

Outlet:G2"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	5	10	15	20	25	30	35	40
5SRM30/3	5SR30/3	2.2	3	H(m)		30	28	27	26	24	21	18	15	11
5SRM30/4	5SR30/4	3	4			39	38	36	34	32	28	25	20	14
5SRM30/5	5SR30/5	4	5.5			49	47	45	43	39	35	31	25	18
-	5SR30/6	5.5	7.5			59	57	54	51	47	43	37	30	21
-	5SR30/8	7.5	10			79	75	72	68	63	57	49	39	28
-	5SR30/10	9.2	12.5			98	94	90	85	79	71	61	49	35
-	5SR30/12	11	15			118	113	108	102	95	85	74	59	42

150QJ

Typical Applications

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

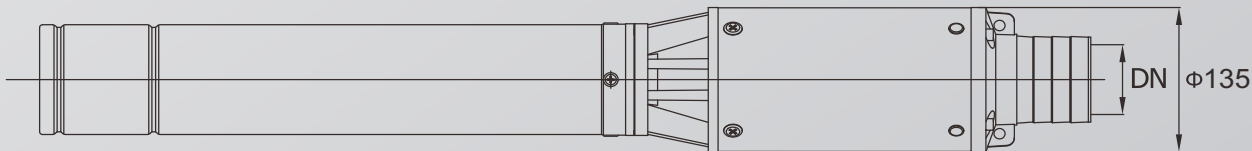
Model	Q.max	Capacity arrange	Total head arrange
150QJ10	15	1.8~12.6	126~13
150QJ20	30	3~27	141~4

Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.25~2.6KW(Single phase)
- Power: 0.25~7.5KW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ6"
- Highest temperature of liquid: 40℃

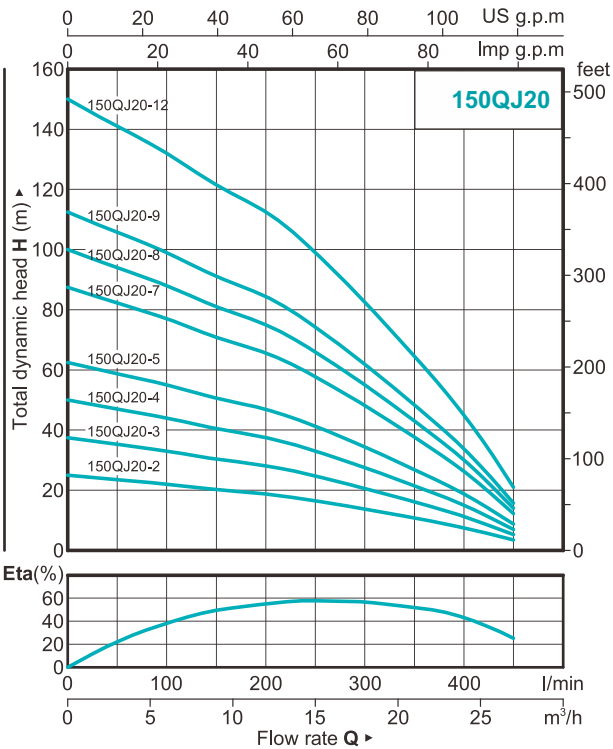
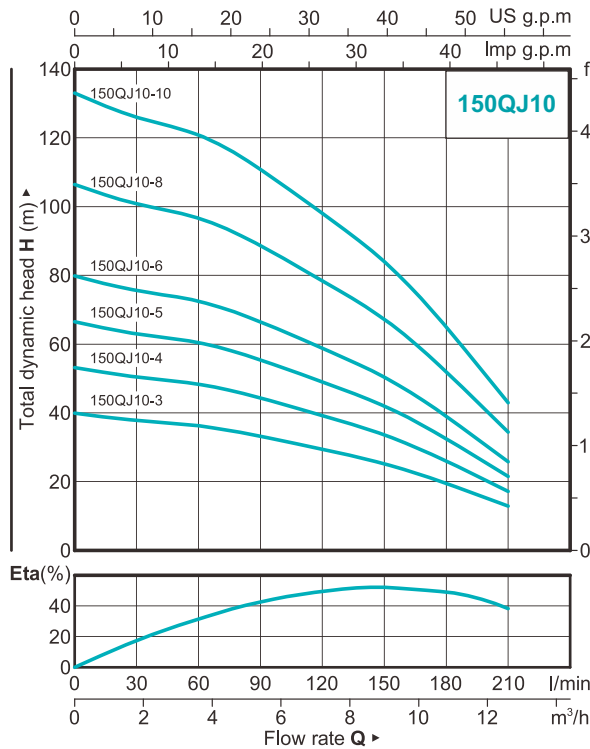
150 QJ D 20 - 4 - 2.2

Power
Impeller's number
Rated flow
Single phase motor(Three phase without D)
Pump name
Well diameter: Φ6"



150QJ10/150QJ20

6"



PERFORMANCE DATA 50Hz

Outlet:G2"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	2	4	5	7	9	11	13
150QJD10-3	150QJ10-3	1.1	1.5	H(m)		0	30	60	90	120	150	180	210
150QJD10-4	150QJ10-4	1.3	1.8			40	38	36	33	29	25	20	13
150QJD10-5	150QJ10-5	1.8	2.5			53	50	48	44	39	34	26	17
150QJD10-6	150QJ10-6	2.2	3			67	63	60	55	49	42	33	22
-	150QJ10-8	3	4			80	76	72	66	59	50	39	26
-	150QJ10-10	4	5.5			106	101	97	89	78	67	52	34
						133	126	121	111	98	84	65	43

PERFORMANCE DATA 50Hz

Outlet:G2"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	3	6	9	12	15	18	21	24	27
150QJD20-2	150QJ20-2	1.1	1.5	H(m)	0	50	100	150	200	250	300	350	400	450	
150QJD20-3	150QJ20-3	1.8	2.5		25	24	22	20	19	17	14	11	8	4	
150QJD20-3	150QJ20-3	1.8	2.5		38	35	33	30	28	25	21	16	11	5	
150QJD20-4	150QJ20-4	2.2	3		50	47	44	41	38	33	28	22	15	7	
-	150QJ20-5	3	4		63	59	55	51	47	41	34	27	19	9	
-	150QJ20-7	4	5.5		88	82	77	71	66	58	48	38	26	12	
-	150QJ20-8	5	7		100	94	88	81	75	66	55	43	30	14	
-	150QJ20-9	5.5	7.5		113	106	99	91	84	74	62	48	34	16	
	150QJ20-12	7.5	10		150	141	132	122	113	99	83	65	45	21	

6SR

Typical Applications

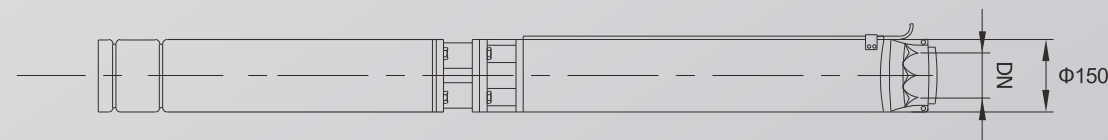
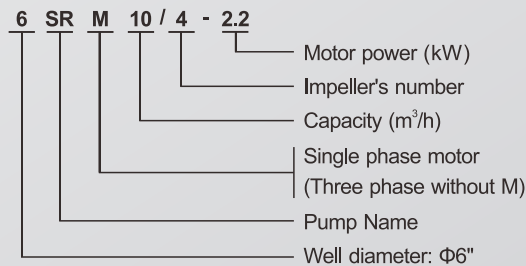
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
6SR10	19	6~15	446~21
6SR18	31	6~24	436~22
6SR30	44	10~35	373~15
6SR45	70	12~54	197~11
6SR60	76	12~66	163~3

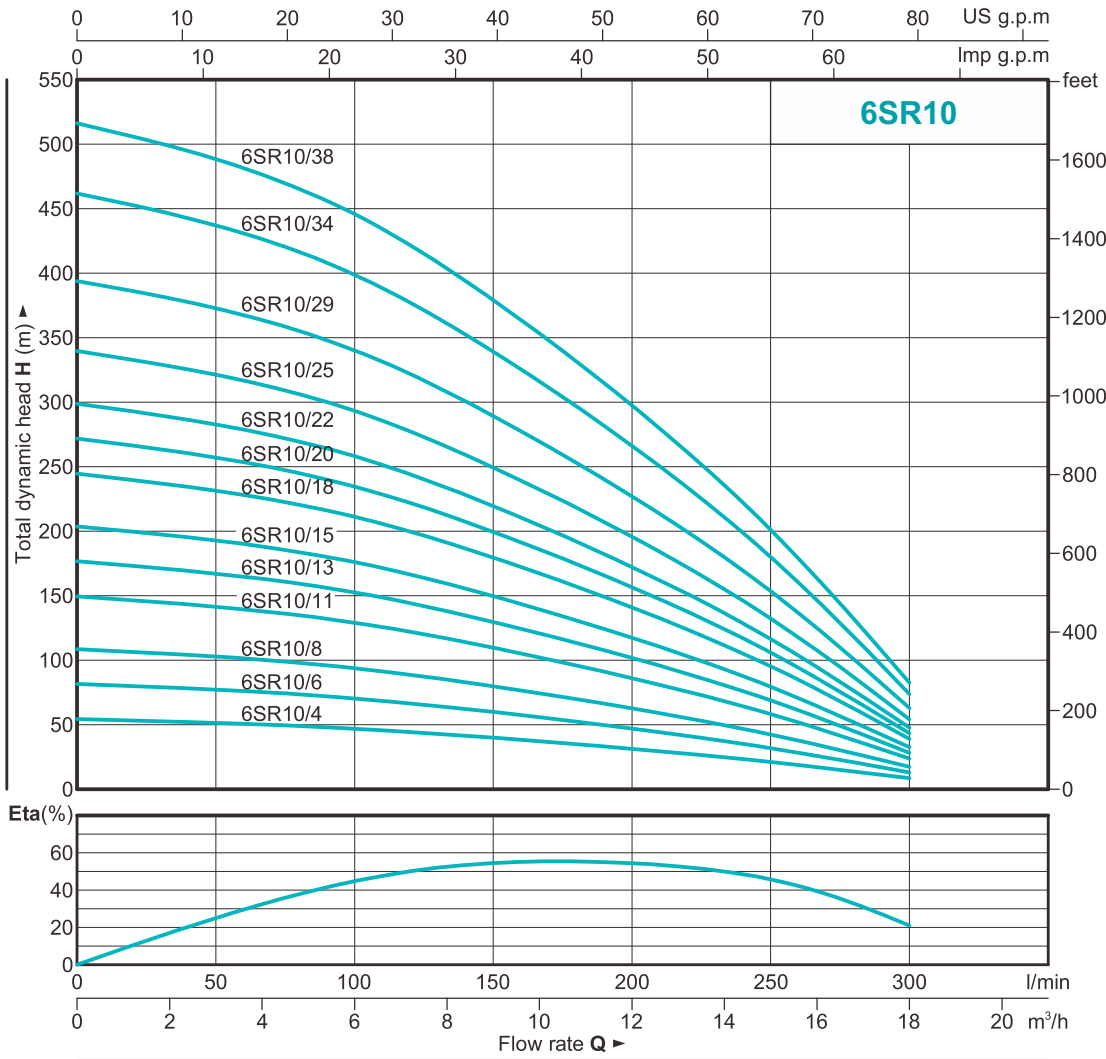
Motor

- Adopted the NEMA standard
- Continuous service
- Power: 2.2~5.5kW (Single phase)
- Power: 2.2~30kW (Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ6"
- Highest temperature of liquid: 40 °C



6SR10

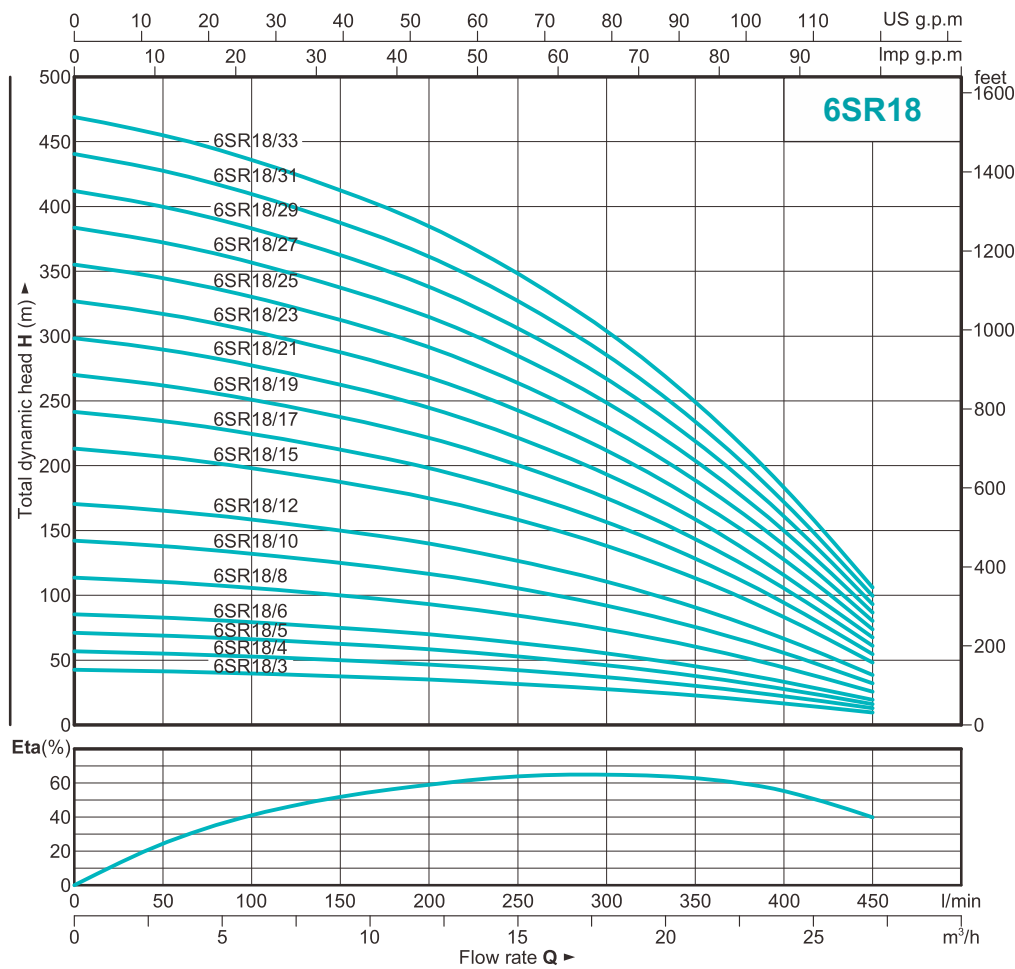
6"



PERFORMANCE DATA 50Hz Outlet: G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	3	6	9	12	15	18
6SRM10/4	6SR10/4	2.2	3	H(m)	0	50	100	150	200	250	300	
6SRM10/6	6SR10/6	3	4		54	51	47	40	31	21	9	
6SRM10/8	6SR10/8	4	5.5		82	77	70	60	47	32	13	
6SRM10/11	6SR10/11	5.5	7.5		109	103	94	80	63	42	17	
—	6SR10/13	7.5	10		149	141	129	110	86	58	24	
—	6SR10/15	7.5	10		177	167	153	130	102	69	28	
—	6SR10/18	9.2	12.5		204	193	176	150	117	79	33	
—	6SR10/20	11	15		245	231	211	180	141	95	39	
—	6SR10/22	11	15		272	257	235	200	157	106	43	
—	6SR10/25	13	17.5		299	283	258	219	172	116	48	
—	6SR10/29	15	20		340	321	293	249	196	132	54	
—	6SR10/34	18.5	25		394	373	340	289	227	153	63	
—	6SR10/38	18.5	25		462	437	399	339	266	180	74	
					516	488	446	379	298	201	82	

6SR18



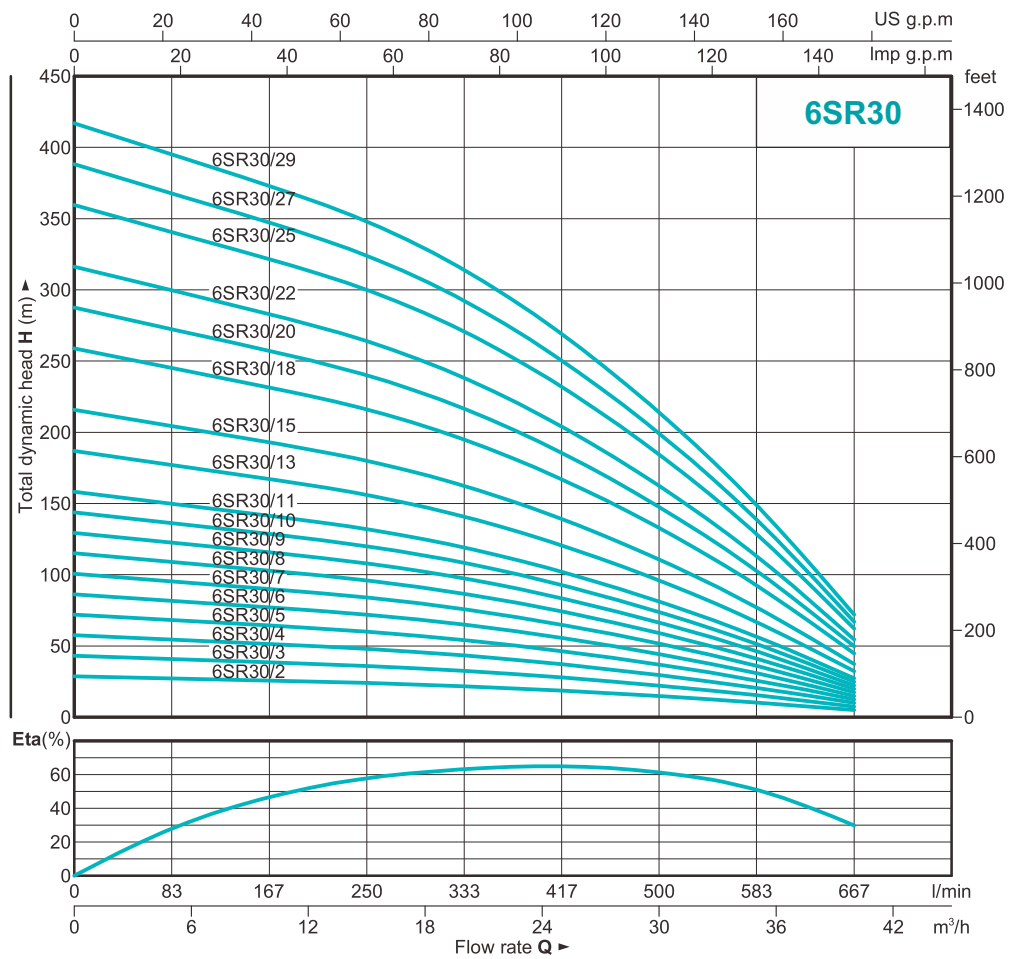
PERFORMANCE DATA 50Hz

Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	3	6	9	12	15	18	21	24	27
6SRM18/3	6SR18/3	2.2	3	H(m)		43	41	40	37	35	32	28	23	17	10
6SRM18/4	6SR18/4	3	4			57	55	53	50	47	42	37	30	22	13
6SRM18/5	6SR18/5	4	5.5			71	69	66	62	58	53	46	38	28	16
6SRM18/6	6SR18/6	4	5.5			85	83	79	75	70	63	55	45	33	19
6SRM18/8	6SR18/8	5.5	7.5			114	110	106	100	93	84	74	60	44	26
—	6SR18/10	7.5	10			142	138	132	125	117	106	92	76	56	32
—	6SR18/12	9.2	12.5			171	165	159	150	140	127	111	91	67	39
—	6SR18/15	11	15			213	207	198	188	175	158	138	113	83	48
—	6SR18/17	13	17.5			242	234	225	213	198	179	157	128	94	55
—	6SR18/19	15	20			270	262	251	237	222	201	175	144	105	61
—	6SR18/21	15	20			298	290	277	262	245	222	193	159	117	67
—	6SR18/23	18.5	25			327	317	304	287	268	243	212	174	128	74
—	6SR18/25	18.5	25			355	345	330	312	291	264	230	189	139	80
—	6SR18/27	22	30			384	372	357	337	315	285	249	204	150	87
—	6SR18/29	22	30			412	400	383	362	338	306	267	219	161	93
—	6SR18/31	26	35			441	427	410	387	361	327	286	234	172	100
—	6SR18/33	26	35			469	455	436	413	385	348	304	249	183	106

6SR30

6"

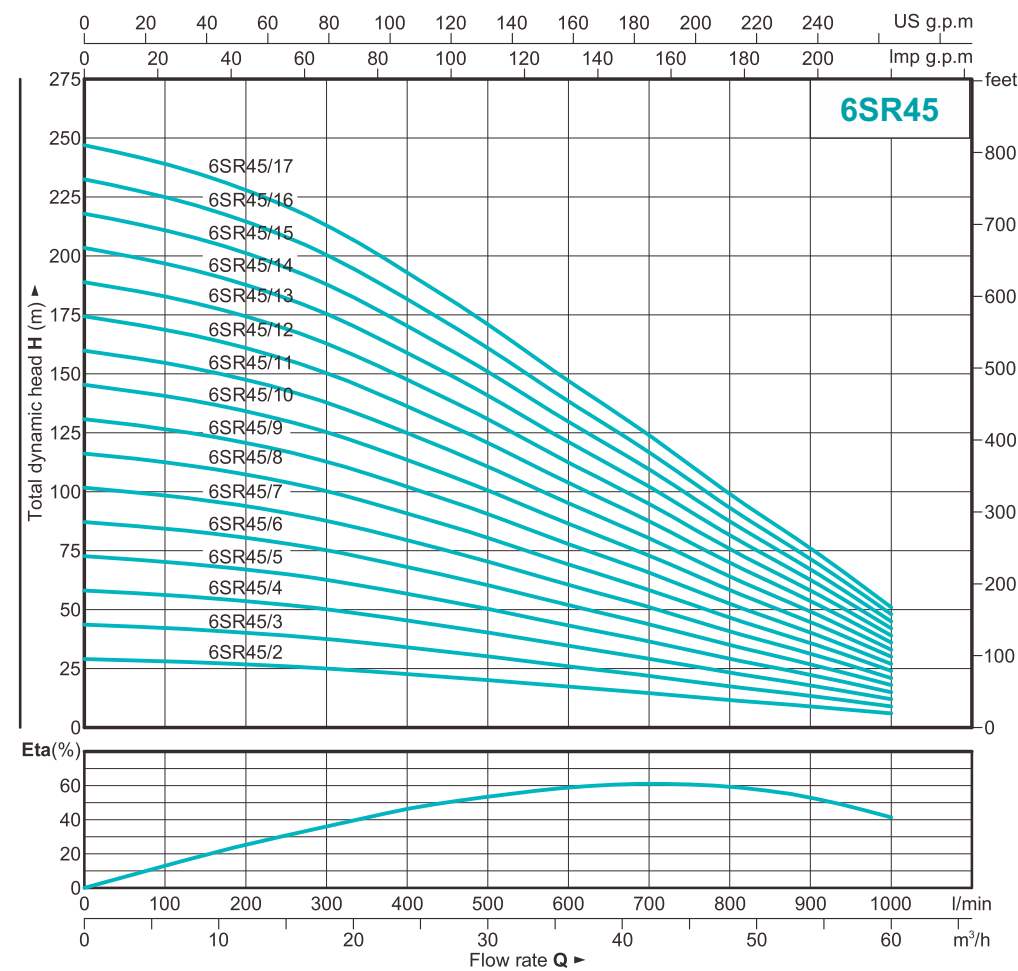


PERFORMANCE DATA 50Hz

Outlet:G2½"~G3"

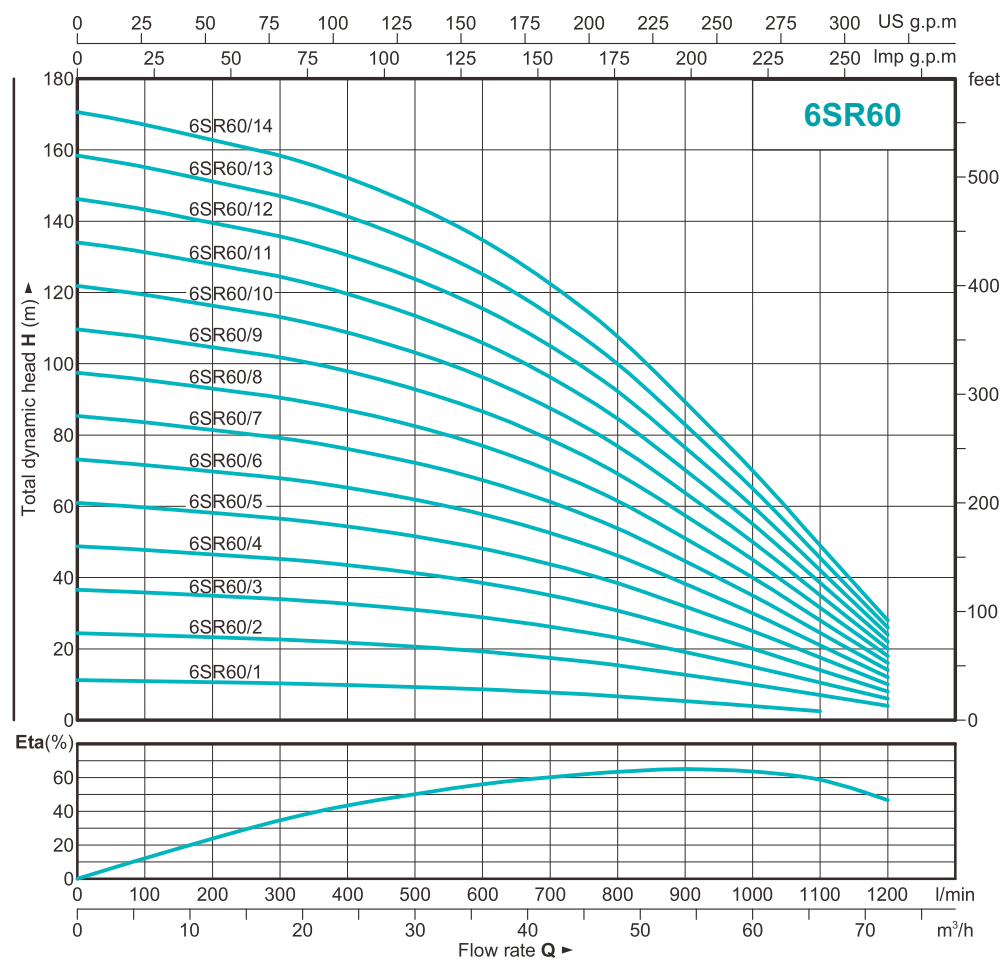
MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	5	10	15	20	25	30	35	40
					l/min	0	83	167	250	333	417	500	583	667
6SRM30/2	6SR30/2	2.2	3	H(m)		28	26	25	23	21	18	14	8	3
6SRM30/3	6SR30/3	3	4			43	41	39	36	32	28	22	15	7
6SRM30/4	6SR30/4	4	5.5			58	54	51	48	43	37	30	21	10
6SRM30/5	6SR30/5	5.5	7.5			72	68	64	60	54	46	37	26	12
6SRM30/6	6SR30/6	5.5	7.5			86	82	77	72	65	56	44	31	15
—	6SR30/7	7.5	10			101	95	90	84	76	65	52	36	17
—	6SR30/8	7.5	10			115	109	103	96	87	74	59	41	20
—	6SR30/9	9.2	12.5			129	123	116	108	97	83	66	46	22
—	6SR30/10	11	15			144	136	129	120	108	93	74	51	25
—	6SR30/11	11	15			158	150	141	132	119	102	81	57	27
—	6SR30/13	13	17.5			187	177	167	156	141	121	96	67	32
—	6SR30/15	15	20			216	204	193	180	162	139	111	77	37
—	6SR30/18	18.5	25			259	245	232	216	195	167	133	92	45
—	6SR30/20	22	30			288	272	257	240	217	186	148	103	50
—	6SR30/22	22	30			316	300	283	264	238	204	162	113	55
—	6SR30/25	26	35			359	341	322	300	271	232	184	128	62
—	6SR30/27	30	40			388	368	347	324	292	250	199	139	67
—	6SR30/29	30	40			417	395	373	348	314	269	214	149	72

6SR45



6SR60

6"



PERFORMANCE DATA 50Hz

Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60
						0	100	200	300	400	500	600	700	800	900	1000
6SRM45/2	6SR45/2	3	4	H(m)		29	28	27	25	23	20	17	15	12	9	6
6SRM45/3	6SR45/3	4	5.5			44	42	40	38	34	30	26	22	17	13	9
6SRM45/4	6SR45/4	5.5	7.5			58	56	54	50	45	40	35	29	23	18	12
—	6SR45/5	7.5	10			73	70	67	63	57	50	43	36	29	22	15
—	6SR45/6	9.2	12.5			87	84	80	75	68	60	52	44	35	27	18
—	6SR45/7	11	15			102	98	94	88	79	70	61	51	41	31	21
—	6SR45/8	13	17.5			116	112	107	100	91	80	69	58	47	36	24
—	6SR45/9	15	20			131	127	121	113	102	91	78	66	52	40	27
—	6SR45/10	18.5	25			145	141	134	125	114	101	86	73	58	45	30
—	6SR45/11	18.5	25			160	155	148	138	125	111	95	80	64	49	33
—	6SR45/12	22	30			174	169	161	150	136	121	104	88	70	54	36
—	6SR45/13	22	30			189	183	174	163	148	131	112	95	76	58	39
—	6SR45/14	26	35			203	197	188	175	159	141	121	102	82	63	42
—	6SR45/15	26	35			218	211	201	188	170	151	130	109	87	67	45
—	6SR45/16	30	40			232	225	215	200	182	161	138	117	93	72	48
—	6SR45/17	30	40			247	239	228	213	193	171	147	124	99	76	51

PERFORMANCE DATA 50Hz

Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72	
6SRM60/1	6SR60/1	2.2	3	H(m)		11	11	11	10	10	9	9	8	7	5	4	3		
6SRM60/2	6SR60/2	4	5.5			24	24	23	23	22	21	19	18	15	13	10	7	4	
6SRM60/3	6SR60/3	5.5	7.5			37	36	35	34	33	31	29	26	23	19	15	11	6	
—	6SR60/4	7.5	10			49	48	47	45	44	41	39	35	31	26	20	14	8	
—	6SR60/5	11	15			61	60	58	57	54	52	48	44	38	32	25	18	10	
—	6SR60/6	13	17.5			73	72	70	68	65	62	58	53	46	38	30	21	12	
—	6SR60/7	15	20			85	84	81	79	76	72	67	61	54	45	35	25	14	
—	6SR60/8	18.5	25			98	96	93	91	87	83	77	70	62	51	40	28	16	
—	6SR60/9	18.5	25			110	107	105	102	98	93	87	79	69	57	45	32	18	
—	6SR60/10	22	30			122	119	116	113	109	103	96	88	77	64	50	35	20	
—	6SR60/11	26	35			134	131	128	124	120	113	106	96	85	70	55	38	22	
—	6SR60/12	26	35			146	143	140	136	131	124	116	105	92	76	60	42	24	
—	6SR60/13	30	40			158	155	151	147	141	134	125	114	100	83	65	46	26	
—	6SR60/14	30	40			171	167	163	158	152	144	135	123	108	89	70	49	28	

6SP

Typical Applications

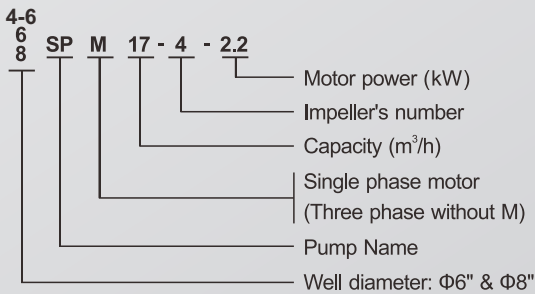
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

Model	Q.max	Capacity arrange	Total head arrange
6SP17	30	6~24	453~19
6SP30	52	12~36	298~13
6SP46	75	18~54	248~14
6SP60	82	18~66	214~6
8SP77	115	24~84	387~22
8SP95	125	36~108	302~15

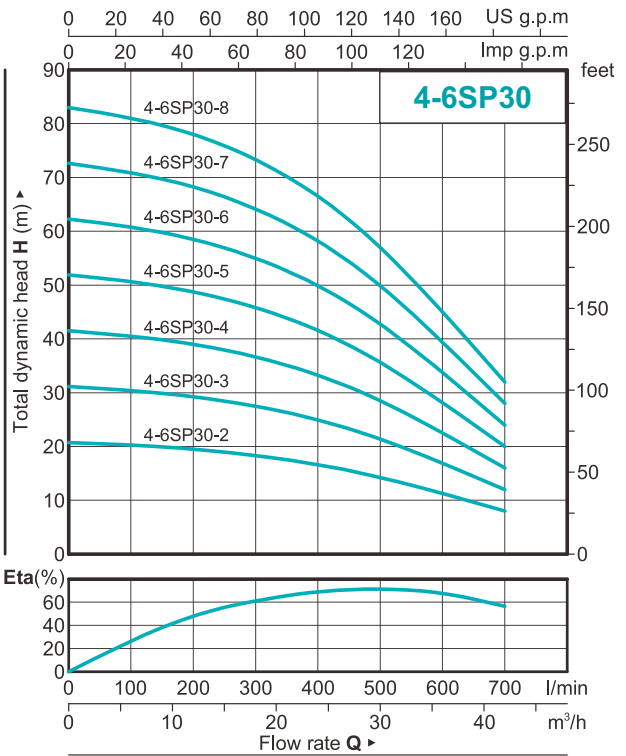
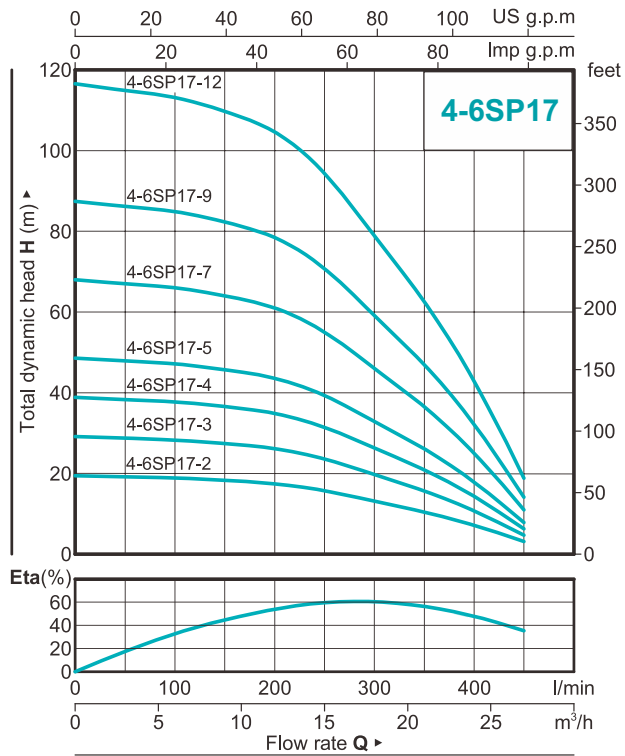
Motor

- Adopted the NEMA standard
- Continuous service
- Power: 2.2~5.5kW(Single phase)
- Power: 2.2~30kW(Three phase)
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ6" & Φ8"
- Highest temperature of liquid: 40℃



4-6SP17/4-6SP30

6"



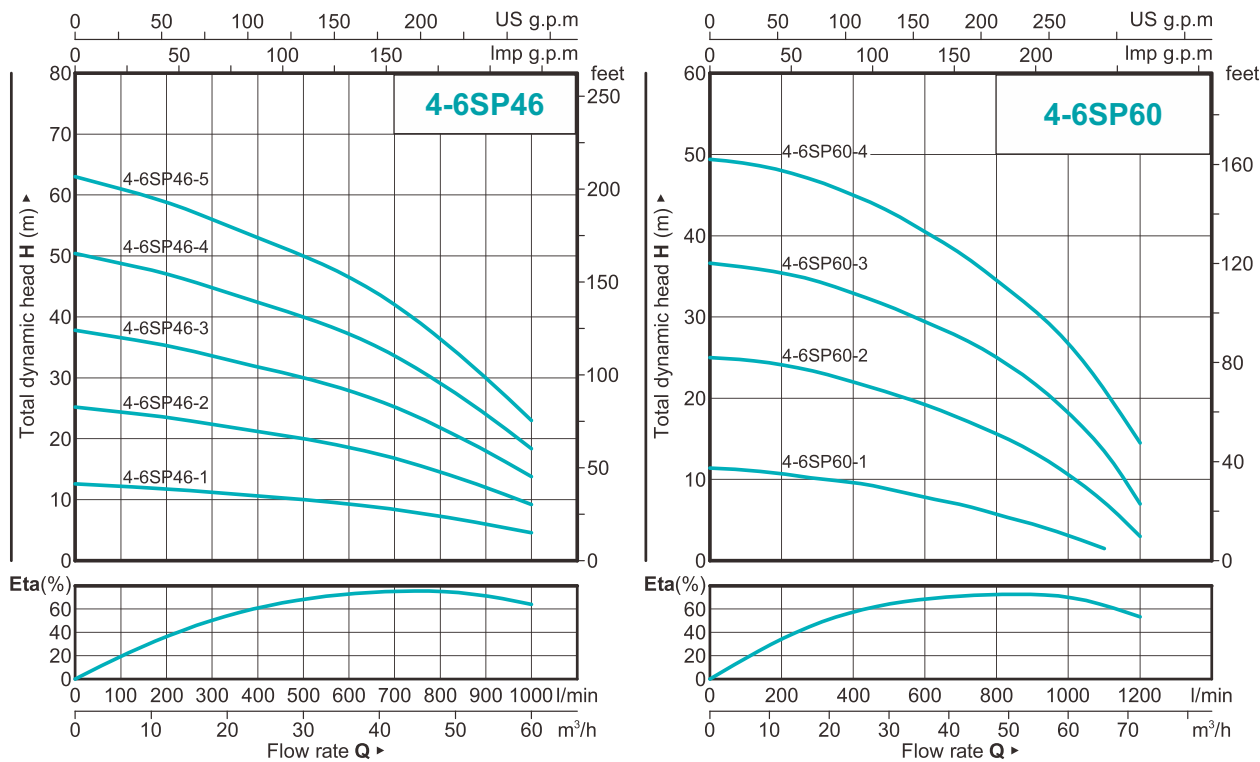
PERFORMANCE DATA 50Hz Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24	27
					l/min	0	50	100	150	200	250	300	350	400	450
4-6SPM17-2	4-6SP17-2	1.1	1.5	H(m)	19	19	19	18	17	16	13	10	7	3	
4-6SPM17-3	4-6SP17-3	1.5	2		29	29	28	27	26	24	20	16	11	5	
4-6SPM17-4	4-6SP17-4	2.2	3		39	38	38	37	35	31	26	21	14	6	
-	4-6SP17-5	3	4		49	48	47	46	44	39	33	26	18	8	
-	4-6SP17-7	4	5.5		68	67	66	64	61	55	46	37	25	11	
-	4-6SP17-9	5.5	7.5		87	86	85	82	78	71	59	47	32	14	
-	4-6SP17-12	7.5	10		117	115	113	110	105	94	79	63	43	19	

PERFORMANCE DATA 50Hz Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min							
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	6	12	18	24	30
					l/min	0	100	200	300	400	500
4-6SPM30-2	4-6SP30-2	2.2	3	H(m)	21	20	20	18	17	14	11
-	4-6SP30-3	3	4		31	30	29	27	25	21	17
-	4-6SP30-4	4	5.5		42	41	39	37	33	29	23
-	4-6SP30-5	5	7		52	51	49	46	42	36	28
-	4-6SP30-6	5.5	7.5		62	61	59	55	50	43	34
-	4-6SP30-7	7.5	10		73	71	68	64	58	50	39
-	4-6SP30-8	7.5	10		83	81	78	73	67	57	45

4-6SP46/4-6SP60



PERFORMANCE DATA 50Hz

Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60
4-6SPM46-1	4-6SP46-1	1.5	2	H(m)		13	12	12	11	11	10	9	8	7	6	5
-	4-6SP46-2	3	4			25	24	24	22	21	20	19	17	15	12	9
-	4-6SP46-3	4	5.5			38	37	35	34	32	30	28	25	22	18	14
-	4-6SP46-4	5.5	7.5			50	49	47	45	42	40	37	34	29	24	18
-	4-6SP46-5	7.5	10			63	61	59	56	53	50	47	42	36	30	23

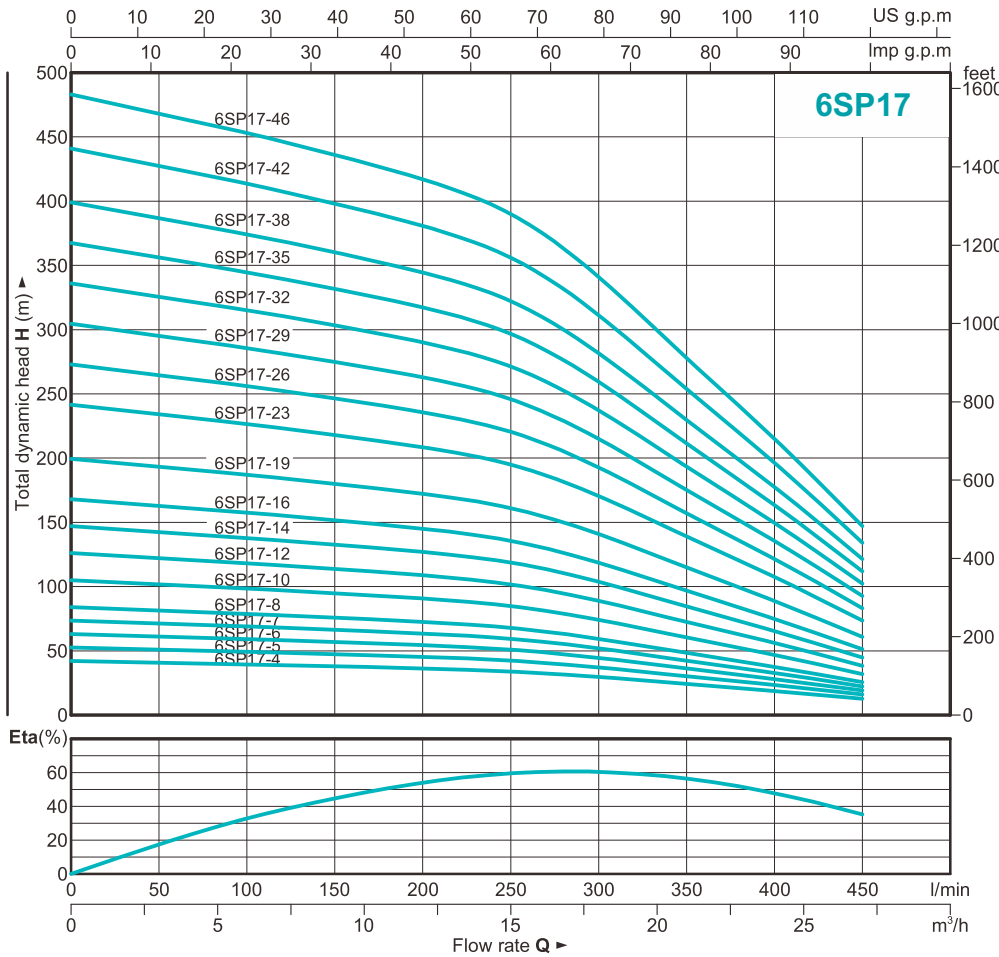
PERFORMANCE DATA 50Hz

Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72
						0	100	200	300	400	500	600	700	800	900	1000	1100	1200
4-6SPM60-1	4-6SP60-1	2.2	3	H(m)		11	11	11	10	10	9	8	7	6	5	3	2	0
-	4-6SP60-2	4	5.5			25	25	24	23	22	21	19	17	16	13	11	7	3
-	4-6SP60-3	5.5	7.5			37	36	35	34	33	31	29	27	25	22	18	14	7
-	4-6SP60-4	7.5	10			49	49	48	47	45	43	41	38	35	31	27	21	15

6SP17

6"

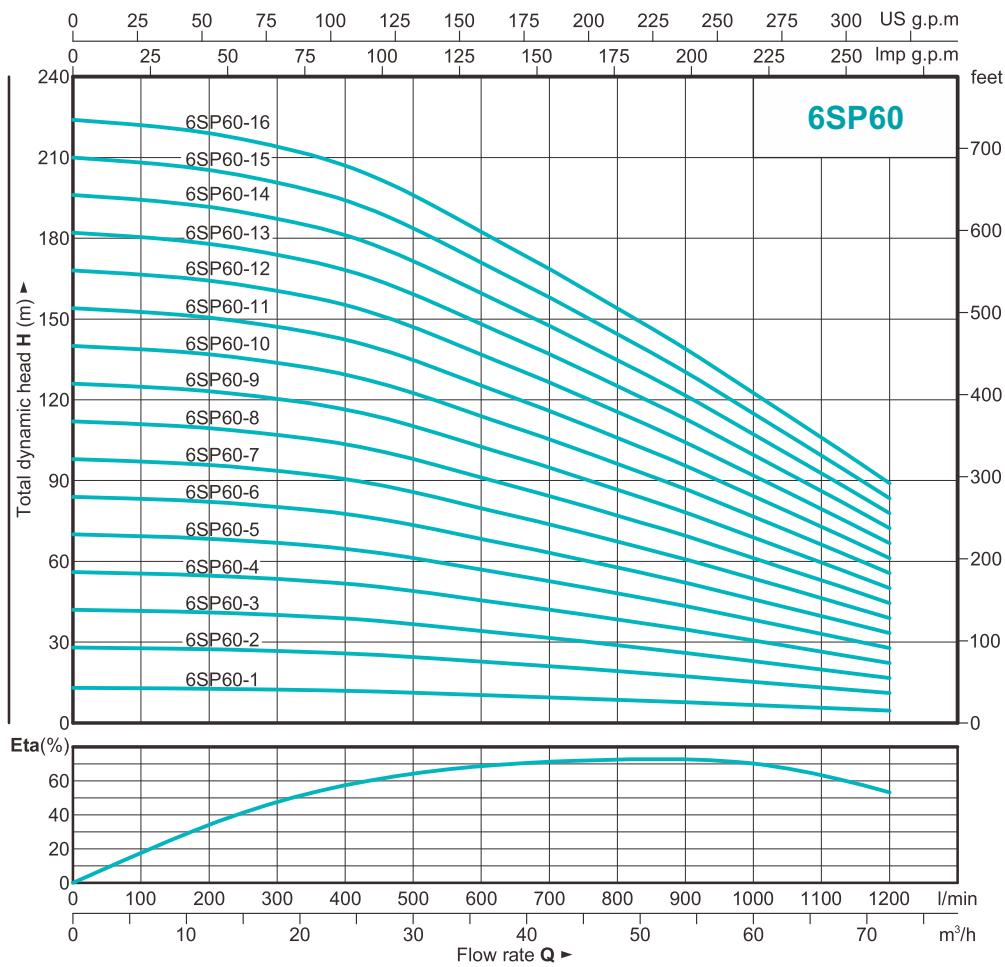


PERFORMANCE DATA 50Hz

Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24	27		
					l/min	0	50	100	150	200	250	300	350	400	450		
6SPM17-4	6SP17-4	2.2	3	H(m)		42	41	39	38	36	34	30	24	19	13		
6SPM17-5	6SP17-5	3	4			53	51	49	47	45	42	37	30	23	16		
6SPM17-6	6SP17-6	4	5.5			63	61	59	57	54	51	44	36	28	19		
6SPM17-7	6SP17-7	4	5.5			74	71	69	66	63	59	52	42	33	22		
6SPM17-8	6SP17-8	5.5	7.5			84	81	79	76	73	68	59	48	37	26		
6SPM17-10	6SP17-10	5.5	7.5			105	102	98	95	91	85	74	60	47	32		
-	6SP17-12	7.5	10			126	122	118	114	109	102	89	73	56	38		
-	6SP17-14	9.2	12.5			147	142	138	133	127	119	104	85	65	45		
-	6SP17-16	9.2	12.5			168	163	158	152	145	136	119	97	75	51		
-	6SP17-19	11	15			200	193	187	180	172	161	141	115	89	61		
-	6SP17-23	13	17.5			242	234	227	218	208	195	171	139	107	73		
-	6SP17-26	15	20			273	265	256	246	236	220	193	157	122	83		
-	6SP17-29	18.5	25			305	295	286	275	263	246	215	175	136	93		
-	6SP17-32	18.5	25			336	326	315	303	290	271	237	193	150	102		
-	6SP17-35	22	30			368	356	345	332	317	297	259	212	164	112		
-	6SP17-38	22	30			399	387	374	360	344	322	282	230	178	121		
-	6SP17-42	26	35			441	427	414	398	381	356	311	254	196	134		
-	6SP17-46	26	35			483	468	453	436	417	390	341	278	215	147		

6SP60



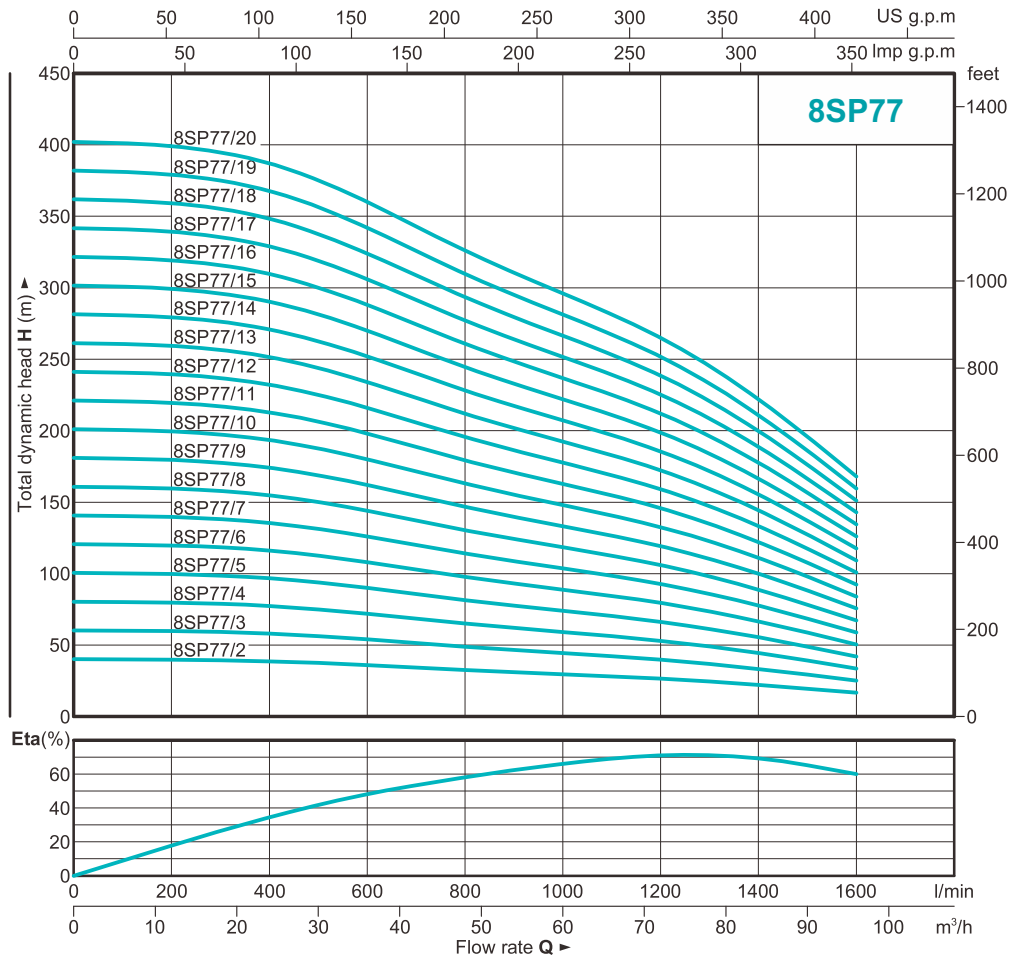
PERFORMANCE DATA 50Hz

Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72
						0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SPM60-1	6SP60-1	2.2	3	H(m)		13	13	13	12	12	11	10	10	9	8	7	6	5
6SPM60-2	6SP60-2	4	5.5			28	28	27	27	26	25	23	21	19	17	15	13	11
6SPM60-3	6SP60-3	5.5	7.5			42	42	41	40	39	37	34	32	29	26	23	20	17
—	6SP60-4	7.5	10			56	56	55	54	52	49	46	42	39	35	31	27	22
—	6SP60-5	9.2	12.5			70	69	68	67	65	61	57	53	48	43	38	33	28
—	6SP60-6	11	15			84	83	82	80	78	74	68	63	58	52	46	40	33
—	6SP60-7	13	17.5			98	97	96	94	91	86	80	74	67	61	54	46	39
—	6SP60-8	15	20			112	111	110	107	104	98	91	84	77	70	61	53	45
—	6SP60-9	18.5	25			126	125	123	120	116	110	103	95	87	78	69	60	50
—	6SP60-10	18.5	25			140	139	137	134	129	123	114	105	96	87	77	66	56
—	6SP60-11	22	30			154	153	151	147	142	135	125	116	106	96	84	73	61
—	6SP60-12	22	30			168	167	164	161	155	147	137	126	116	104	92	80	67
—	6SP60-13	26	35			182	180	178	174	168	159	148	137	125	113	100	86	72
—	6SP60-14	26	35			196	194	192	187	181	172	160	148	135	122	107	93	78
—	6SP60-15	30	40			210	208	205	201	194	184	171	158	144	130	115	99	83
—	6SP60-16	30	40			224	222	219	214	207	196	182	169	154	139	123	106	89

8SP77

8"

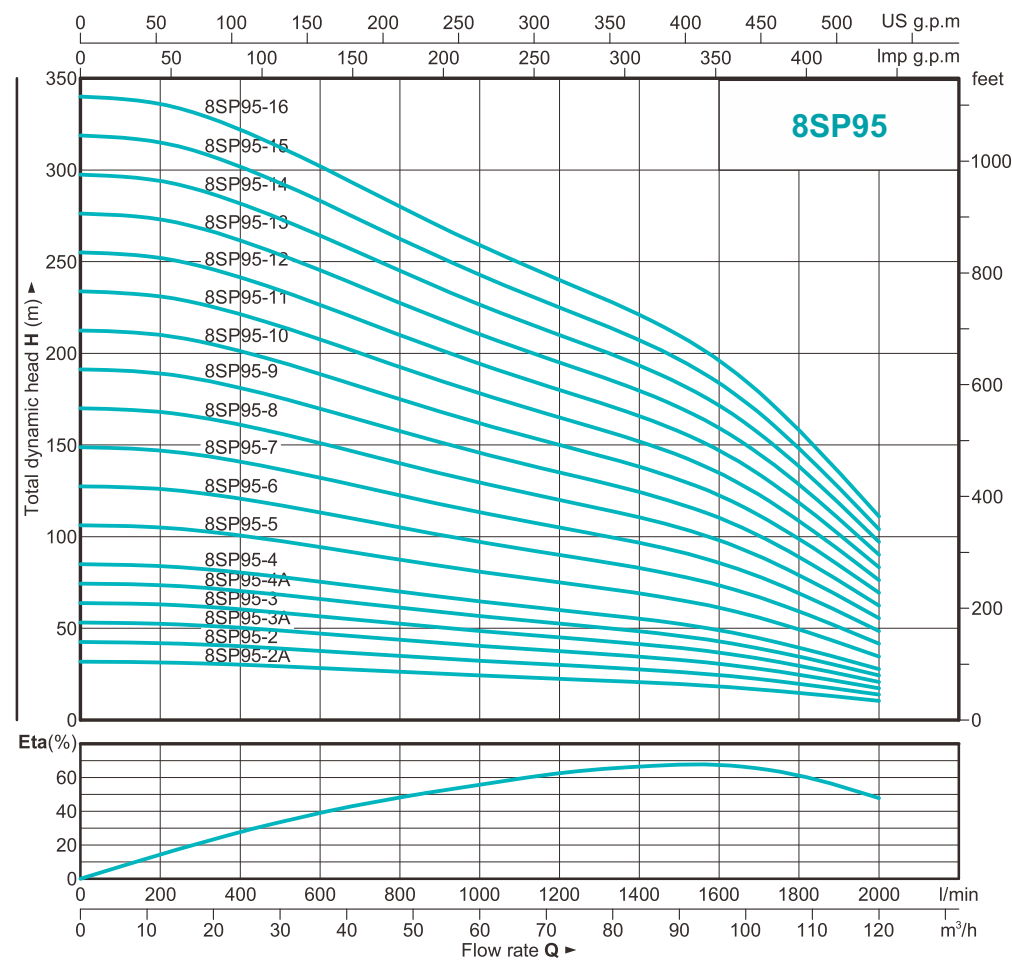


PERFORMANCE DATA 50Hz

Outlet:G5"

MODEL	P ₂		DELIVERY n≈2850 1/min													
3~ 380-415V	kW	HP	Q	m³/h	0	12	24	36	48	60	72	84	96			
				l/min	0	200	400	600	800	1000	1200	1400	1600			
8SP77/2	7.5	10	H(m)	40	40	39	36	33	30	26	22	17				
8SP77/3	11	15		60	60	58	54	49	44	40	33	25				
8SP77/4	15	20		80	80	77	72	65	59	53	44	34				
8SP77/5	18.5	25		101	100	97	90	81	74	66	55	42				
8SP77/6	22	30		121	120	116	108	98	89	79	67	50				
8SP77/7	26	35		141	140	135	126	114	104	93	78	59				
8SP77/8	30	40		161	160	155	144	130	118	106	89	67				
8SP77/9	30	40		181	180	174	162	147	133	119	100	76				
8SP77/10	37	50		201	199	193	180	163	148	132	111	84				
8SP77/11	37	50		221	219	213	198	179	163	146	122	92				
8SP77/12	45	60		241	239	232	216	196	178	159	133	101				
8SP77/13	55	75		261	259	252	234	212	192	172	144	109				
8SP77/14	55	75		281	279	271	252	228	207	185	155	118				
8SP77/15	55	75		302	299	290	270	244	222	199	166	126				
8SP77/16	63	85		322	319	310	288	261	237	212	178	134				
8SP77/17	63	85		342	339	329	306	277	252	225	189	143				
8SP77/18	63	85		362	359	348	324	293	266	239	200	151				
8SP77/19	75	100		382	379	368	342	310	281	252	211	160				
8SP77/20	75	100		402	399	387	360	326	296	265	222	168				

8SP95

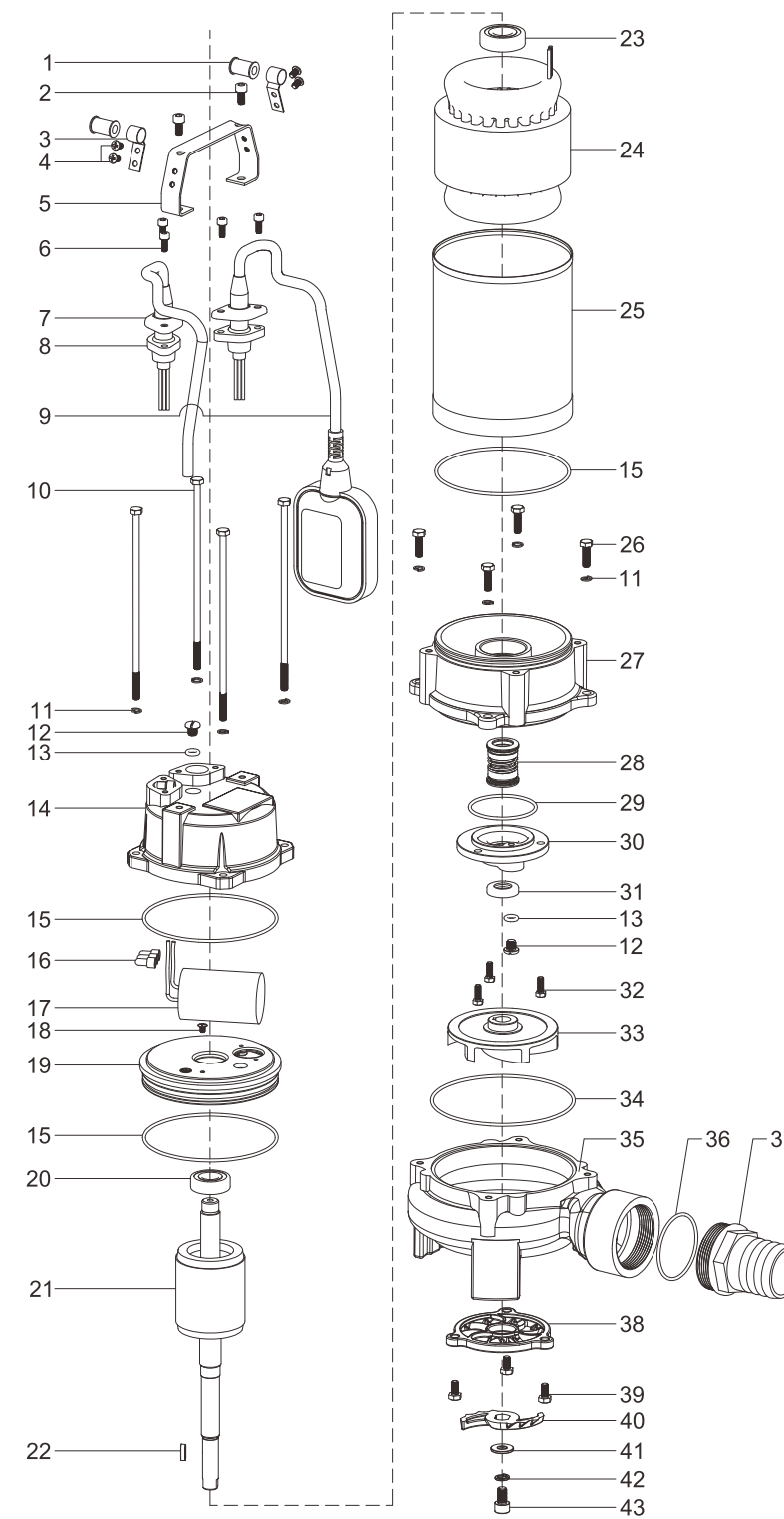


PERFORMANCE DATA 50Hz

Outlet: G5"

MODEL	P ₂		DELIVERY n≈2850 1/min												
3~ 380-415V	kW	HP	Q	m³/h l/min	0	12	24	36	48	60	72	84	96	108	120
					0	200	400	600	800	1000	1200	1400	1600	1800	2000
8SP95-2A	7.5	10	H(m)		32	32	30	28	26	24	23	21	18	15	10
8SP95-2	9.2	12.5			43	42	40	38	35	32	30	28	25	20	14
8SP95-3A	11	15			53	53	50	47	44	40	38	35	31	25	17
8SP95-3	13	17.5			64	63	60	57	53	49	45	41	37	30	21
8SP95-4A	15	20			74	74	70	66	61	57	53	48	43	35	24
8SP95-4	18.5	25			85	84	81	76	70	65	60	55	49	40	28
8SP95-5	22	30			106	105	101	94	88	81	75	69	61	49	35
8SP95-6	26	35			128	126	121	113	105	97	90	83	74	59	42
8SP95-7	30	40			149	147	141	132	123	113	105	97	86	69	49
8SP95-8	37	50			170	168	161	151	140	130	120	111	98	79	56
8SP95-9	37	50			191	189	181	170	158	146	135	124	110	89	62
8SP95-10	45	60			213	210	201	189	175	162	150	138	123	99	69
8SP95-11	55	75			234	231	221	208	193	178	165	152	135	109	76
8SP95-12	55	75			255	252	242	227	210	194	180	166	147	119	83
8SP95-13	63	85			276	273	262	245	228	210	195	180	159	128	90
8SP95-14	63	85			298	294	282	264	245	227	210	193	172	138	97
8SP95-15	75	100		319	315	302	283	263	243	225	207	184	148	104	
8SP95-16	75	100		340	336	322	302	280	259	240	221	196	158	111	

WQV Breakdown diagram



1	Cable bushing
2	Screw
3	Handle pressure plate
4	Screw
5	Handle
6	Screw
7	Cable clamp
8	Cable
9	Float switch
10	Bolt
11	Spring washer
12	Grease screw
13	"O" ring
14	Up-cover
15	"O" ring
16	Wiring cap
17	Capacitor
18	Screw
19	Upper bearing seat
20	Bearing
21	Rotor
22	Flat key
23	Bearing
24	Stator
25	Motor pipe
26	Screw
27	Oil chamber
28	Machanical seal
29	"O" ring
30	Oil chamber cover
31	Skeleton oil seal
32	Screw
33	Impeller
34	"O" ring
35	Pump body
36	"O" ring
37	Outlet
38	Cutting chassis
39	Screw
40	Cutting knife
41	Gasket
42	Spring washer
43	Screw

WQV(F)



Function And Feature

The advanced V(WQ)series, a branch of single-phase drainage pumps, will be your ideal drainage helper. The letter "V" which substitutes for the letters "WQ" indicates the distinct design of the filter and the broadness of the high efficient area. It can work safely and efficiently at high flux with the feature of complete heads. The design is designed to a wide tunnel which helps to convey the long fiber liquid or the solid whose diameter. The selection of bottom suction structure, stainless steel and special cast iron make the pump have the capabilities of complete drain and high resistance of abrasion and corrosion. The float switch can automatically control on and off with the change of the liquid level. The protector in the motor can automatically cut off the power when it is overheated, thus guarantee the security and reliability of pump's run even in the atrocious environment.

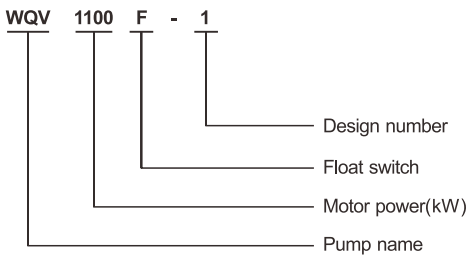
Typical Applications

- Agricultural and industrial applications
- Building applications
- Environmental protection applications

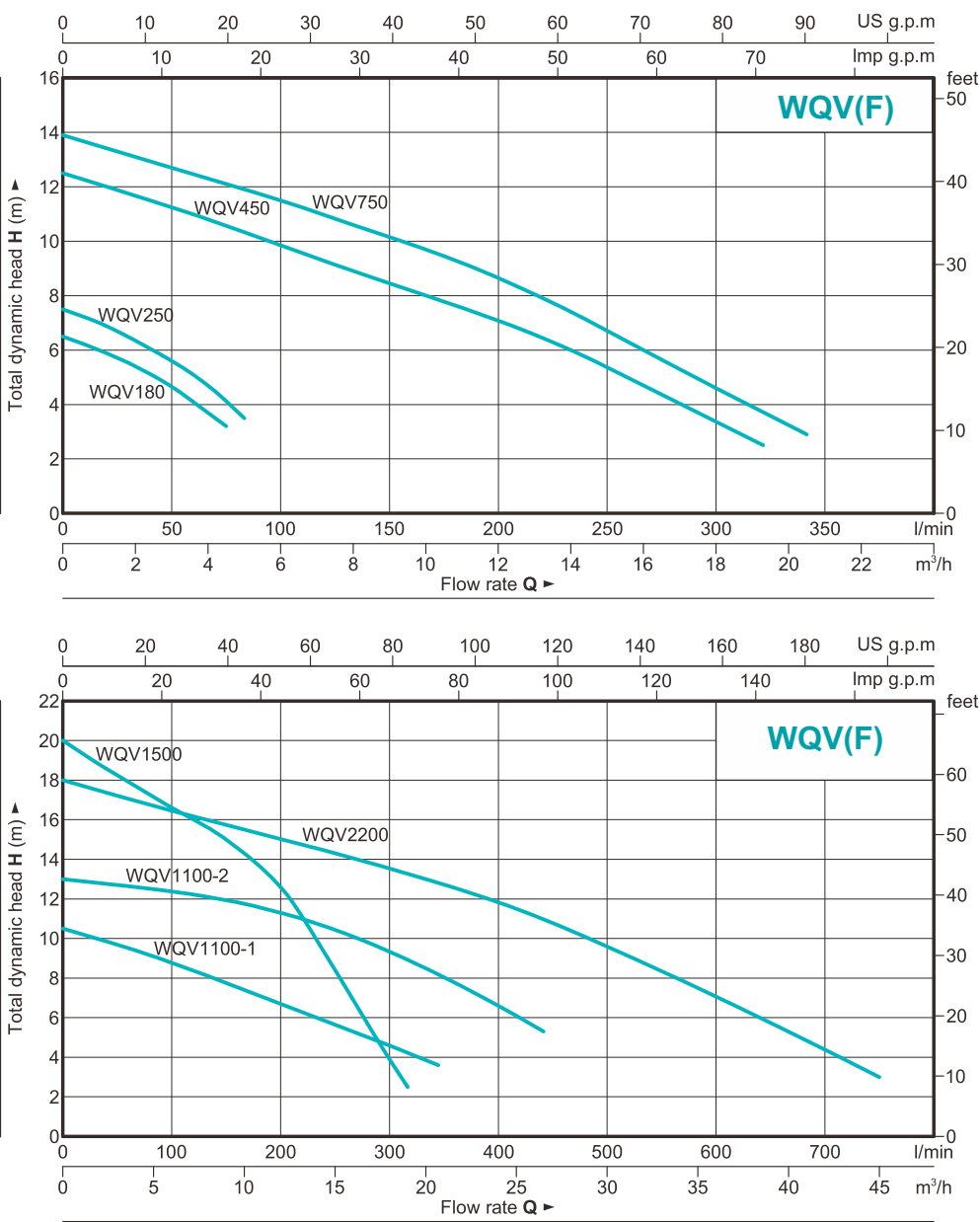
Condition Of Usage

- The maximum immersion: 5m
- Maximum fluid temperature up to +40℃
- Trans medium's PH scope: 4~10
- Kinematics viscosity of the trans medium: 7x10-7~23x10-6m²/s
- Density of the trans medium Limit: 1.2x10³kg/m³

Model Meaning



WQV(F)



PERFORMANCE DATA 50Hz

MODEL	P ₂		Outlet (mm)	Max.Flow		Max.Head (m)	Max. flow particle (mm)
	kW	HP		l/min	m³/h		
WQV180F	0.18	0.25	32	75	4.5	6.5	ø15
WQV250F	0.25	0.33	32	83	5	7.5	ø15
WQV450F	0.45	0.6	50	325	19.5	12.5	ø8
WQV750F	0.75	1	50	342	20.5	14	ø8
WQV1100F-1	1.1	1.5	50	342	20.5	10.5	ø35
WQV1100F-2	1.1	1.5	50	442	26.5	13	ø10
WQV1500F	1.5	2	50	317	19	20	ø10
WQV2200F	2.2	3	80	750	45	18	ø20

WQVD(F)/WQVG(F)



Function And Feature

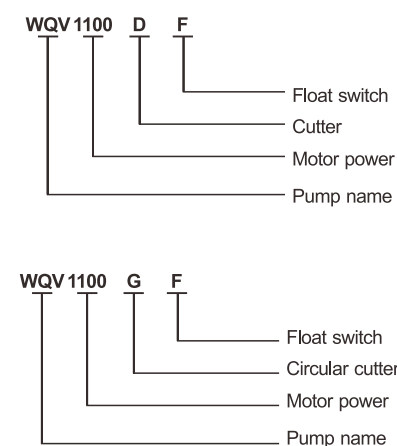
Submersible pump with cutter is an ideal machine for draining sewage. A high-speed rotating cutter is assembled at the inlet hole of the pump, make it easy to cut off long-fibre and firm sundries contained in the sewage, so as to avoid the impeller is blocked by the entanglement. It is suitable for draining sewage in sanitation, factory, mine and family. The float switch can automatically control on and off with the change of the liquid level. The protector in the motor can automatically cut off the power when it is overheated or overloaded, thus guarantee the security and reliability of pump's run even in the atrocious environment.

Condition Of Usage

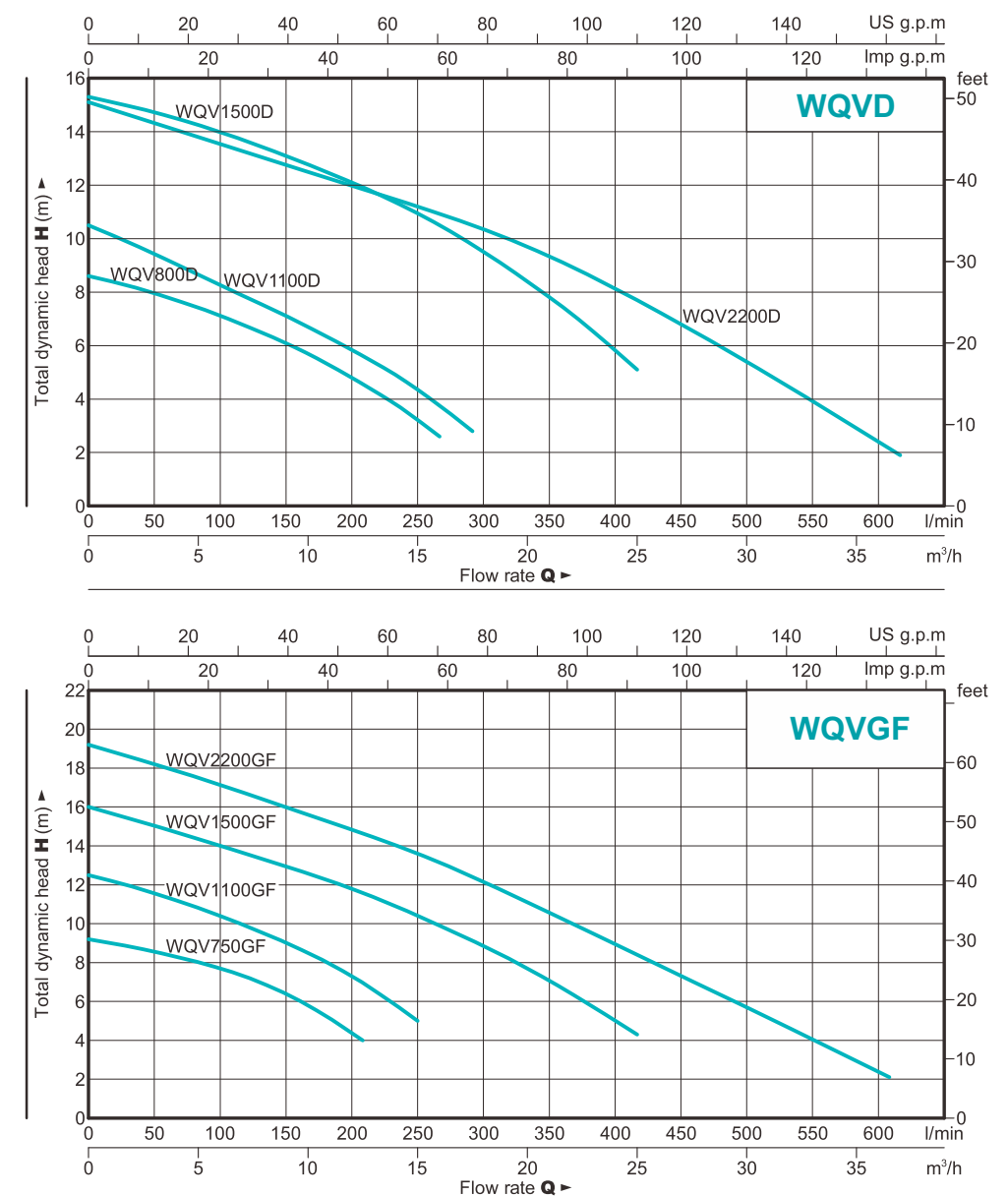
- The maximum immersion: 5m
- Maximum fluid temperature up to +40℃
- Trans medium's PH scope: 4~10
- Kinematics viscosity of the trans medium: 7x10-7~23x10-6m²/s
- Density of the trans medium Limit: 1.2x10³kg/m³

Typical Applications

- Agricultural and industrial applications
- Building applications
- Environmental protection applications



WQVD(F)/WQVG(F)



PERFORMANCE DATA 50Hz

MODEL	P ₂		Outlet (mm)	Max.Flow		Max.Head (m)	Max. diameter of flow particle (mm)
	kW	HP		l/min	m³/h		
WQV800DF	0.8	1.1	50	267	16	8.5	ø8
WQV1100DF	1.1	1.5	50	292	17.5	10.5	ø8
WQV1500DF	1.5	2	50	417	25	15	ø8
WQV2200DF	2.2	3	80	617	37	15	ø8
WQV750GF	0.75	1	40	208	12.5	9	ø8
WQV1100GF	1.1	1.5	40	250	15	12.5	ø8
WQV1500GF	1.5	2	50	417	25	16	ø8
WQV2200GF	2.2	3	65	608	36.5	19	ø8

WQ(D)



Application Fields

This series of pump is widely used in industry,agriculture,mine,building operations , environmental protection and municipalservice.The fluid contained chopped fiber,paper scraps,sands,etc.Solid granules or softness solid state fluid, such as turbid water,waste water,sewage,fecaluria, etc. Especially suitable for farm irrigation,desilting and building operations, but explosion-proof demand use is inapplicable.

Typical Applications

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

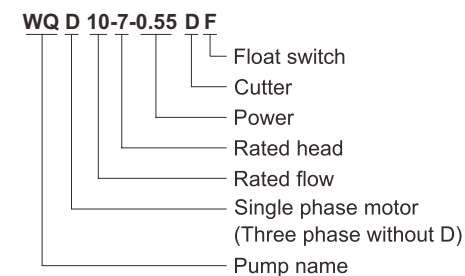
Condition Of Usage

- Continuous service
- The maximum immersion:5m
- Insulation class: B
- Protection grade: IP 68
- Highest temperature of liquid: 40℃

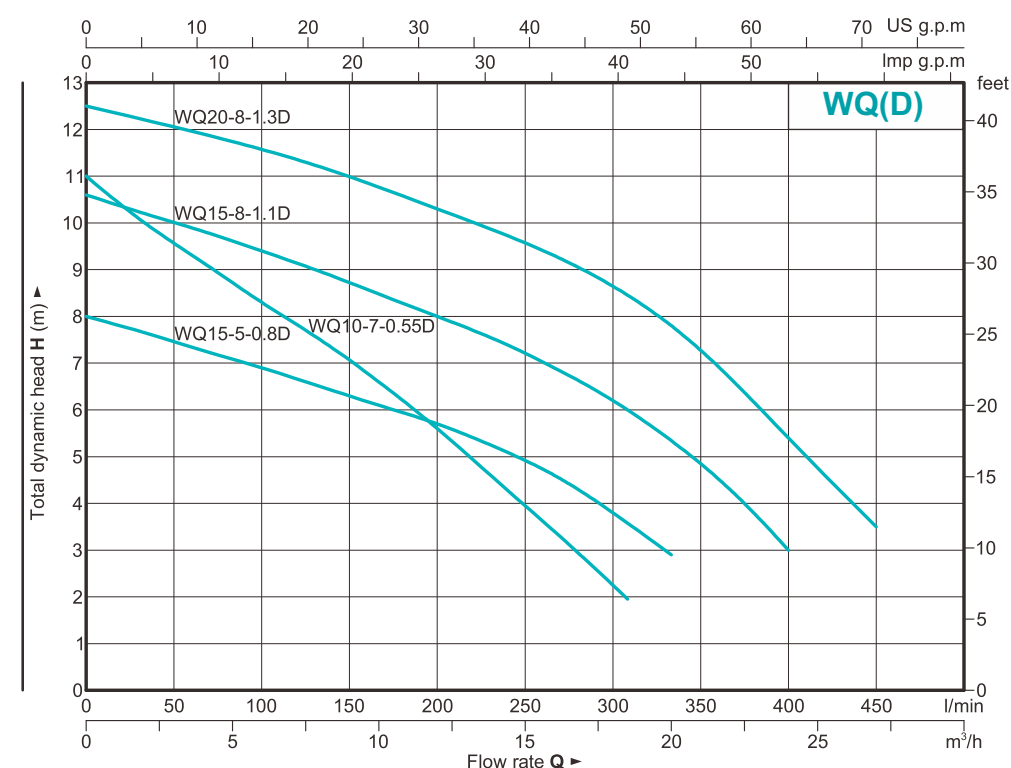
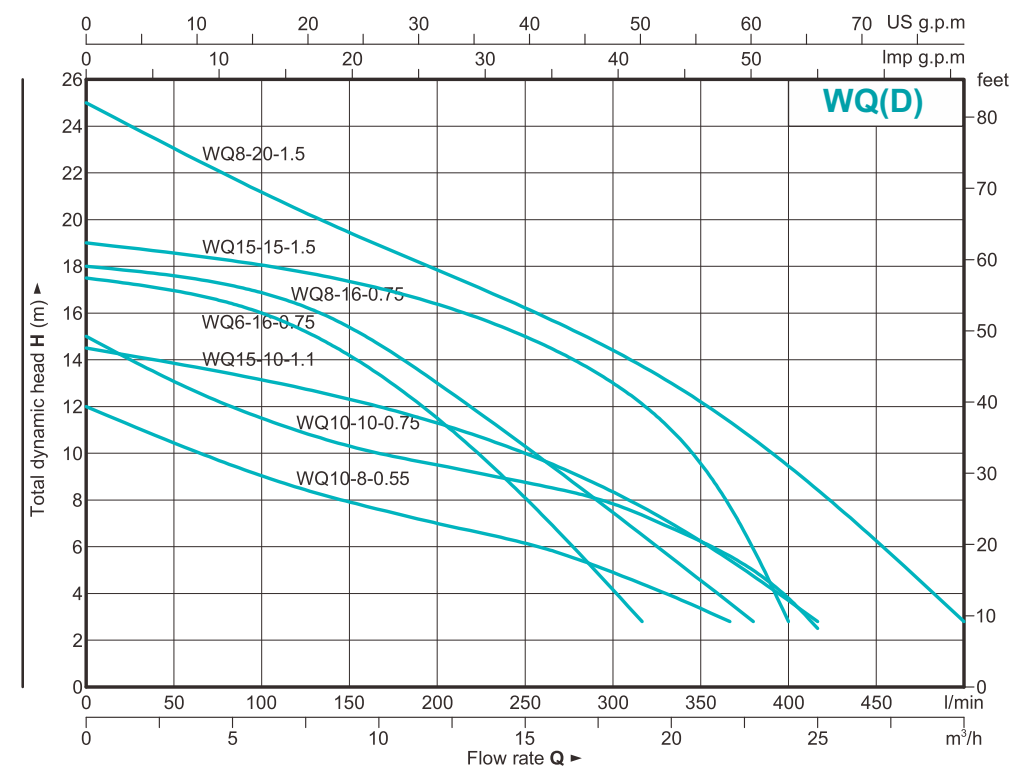
PERFORMANCE DATA 50Hz

MODEL	P ₂		Outlet (mm)	Max.Flow		Max.Head (m)
	KW	HP		l/min	m ³ /h	
WQ(D)10-8-0.55F	0.55	0.75	50	367	22	12
WQ(D)6-16-0.75F	0.75	1	40	315	19	17.5
WQ(D)10-10-0.75F	0.75	1	50	417	25	15
WQ(D)8-16-1.1F	1.1	1.5	50	380	22.8	18
WQ(D)15-10-1.1F	1.1	1.5	50	415	25	14.5
WQ15-15-1.5	1.5	2	50	400	24	19
WQ8-20-1.5	1.5	2	40	500	30	25
WQ(D)10-7-0.55DF	0.55	0.75	50	308	18.5	11
WQ(D)15-5-0.8DF	0.8	1.1	50	333	20	8
WQ(D)15-8-1.1DF	1.1	1.5	50	400	24	10.5
WQ(D)20-8-1.3DF	1.3	1.75	50	450	27	12.5

Model Meaning



WQ(D)



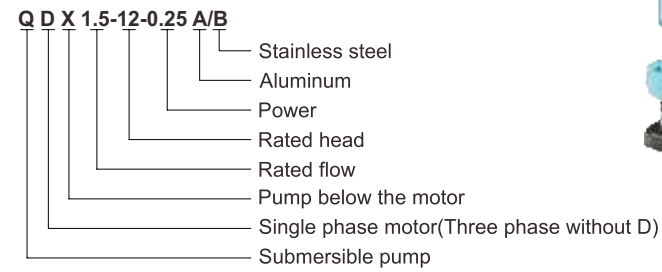
QDX

Typical Applications

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Condition Of Usage

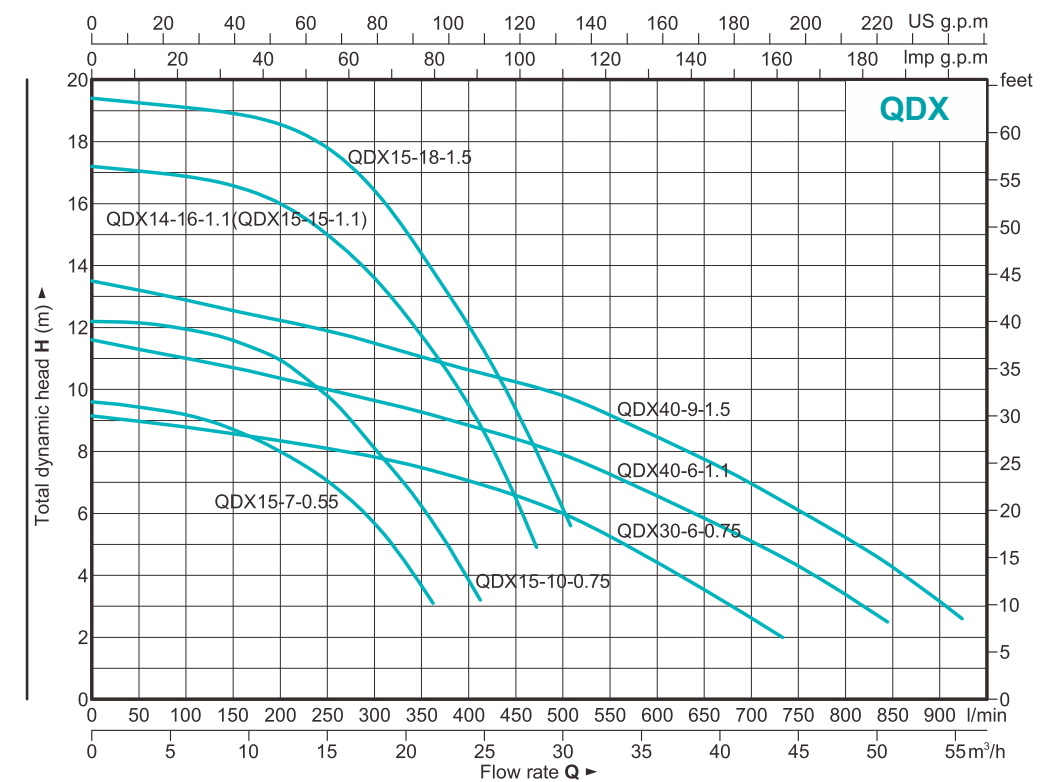
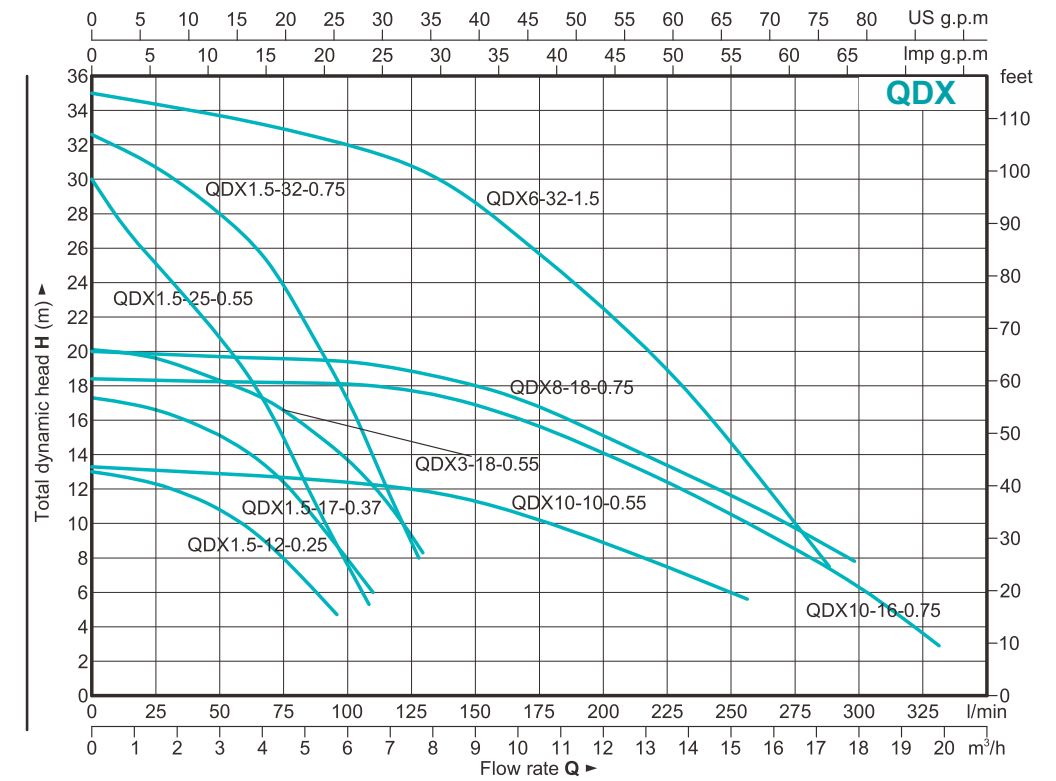
- Continuous service
- The maximum immersion:5m
- Protection grade: IP 68
- Highest temperature of liquid: 40℃



PERFORMANCE DATA 50Hz

MODEL	P ₂		Outlet (mm)	Rated.Flow		Rated.Head (m)
	KW	HP		l/min	m ³ /h	
QDX1.5-12-0.25	0.25	0.33	25	25	1.5	12
QDX1.5-16-0.37	0.37	0.5	25	25	1.5	16
QDX1.5-25-0.55	0.55	0.75	25	25	1.5	25
QDX3-18-0.55	0.55	0.75	25	50	3	18
QDX10-10-0.55	0.55	0.75	40	167	10	10
QDX15-7-0.55	0.55	0.75	50	250	15	7
QDX1.5-32-0.75	0.75	1	25	25	1.5	32
QDX8-18-0.75	0.75	1	40	133	8	18
QDX10-16-0.75	0.75	1	50	167	10	16
QDX15-10-0.75	0.75	1	50	250	15	10
QDX30-6-0.75	1.1	1.5	80	500	30	6
QDX14-16-1.1	1.1	1.5	50	233	14	16
QDX15-14-1.1	1.1	1.5	65	250	15	14
QDX40-6-1.1	1.1	1.5	80	667	40	6
QDX15-18-1.5	1.5	2	50/65	250	15	18
QDX40-9-1.5	1.5	2	80	667	40	8
QDX6-32-1.5	1.5	2	40	100	6	32

QDX



SPA



Typical Applications

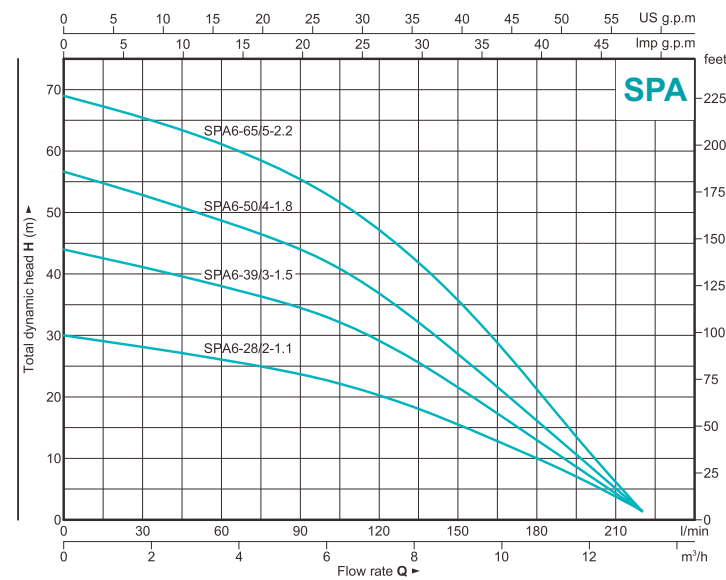
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Condition Of Usage

- Continuous service
- The maximum immersion: 5m
- Protection grade: IP 68
- Highest temperature of liquid: 40°C

SPA 6-28/2-1.1 F

- Pump name
- Rated flow
- Max head
- Impeller's number
- Power
- Float switch



PERFORMANCE DATA 50Hz

MODEL	P ₂		Outlet (mm)	Max.Flow		Max.Head (m)
	KW	HP		l/min	m ³ /h	
SPA6-28/2-1.1F	1.1	1.5	50	220	13.2	30
SPA6-39/3-1.5F	1.5	2	50	220	13.2	44
SPA6-50/4-1.8F	1.8	2.5	50	220	13.2	56
SPA6-65/5-2.2F	2.2	3	50	220	13.2	65

QB



Typical Applications

- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Motor

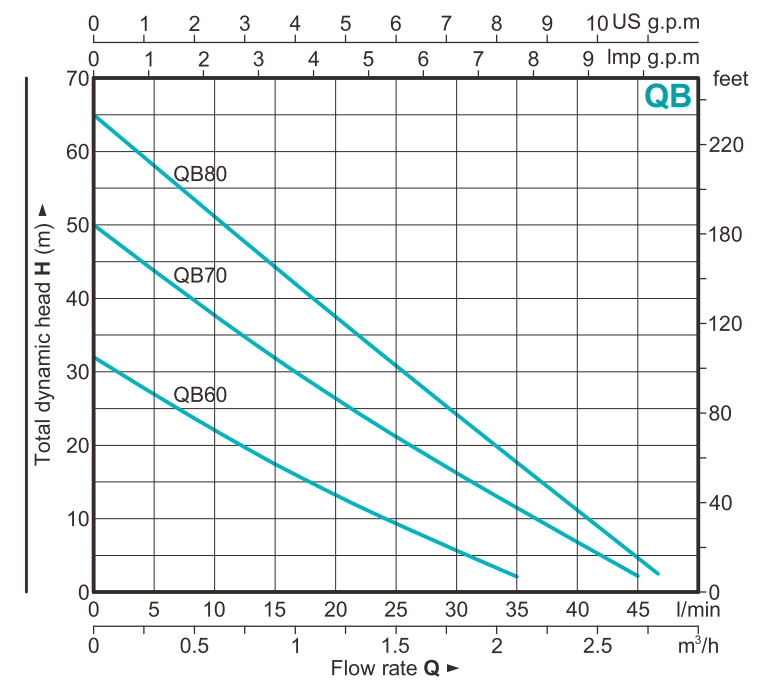
- Single-phase: 220-240V/50Hz
- Three-phase: 380-415V/50Hz

Operating Conditions

- Highest temperature of liquid +40°C
- Maximum sand content: 0.25%

QB 60

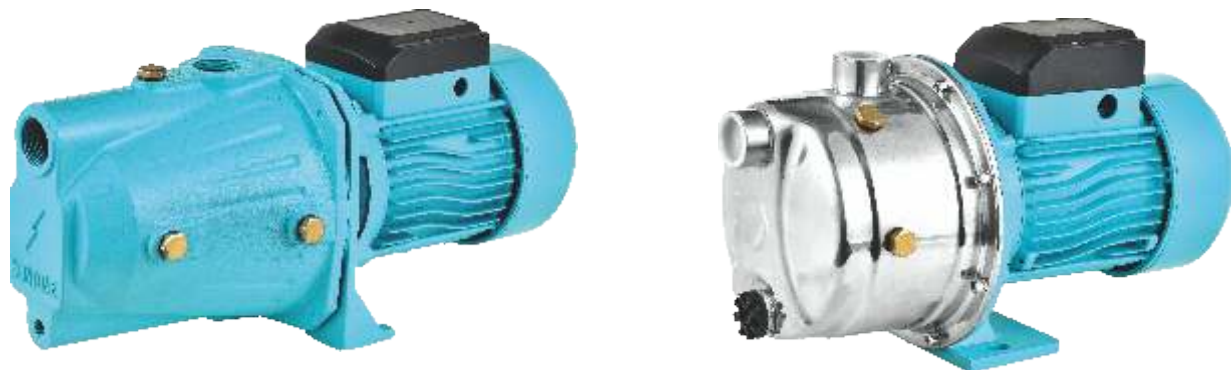
- Pump name
- Code



PERFORMANCE DATA 50Hz

MODEL	P ₂		Max.Flow (l/min)	Max.Head (m)	Suct (m)	InletXOutlet
	KW	HP				
QB60	0.37	0.5	35	32	8	1"X1"
QB70	0.55	0.75	45	50	8	1"X1"
QB80	0.75	1	50	65	8	1½"X1½"

JET



Typical Applications

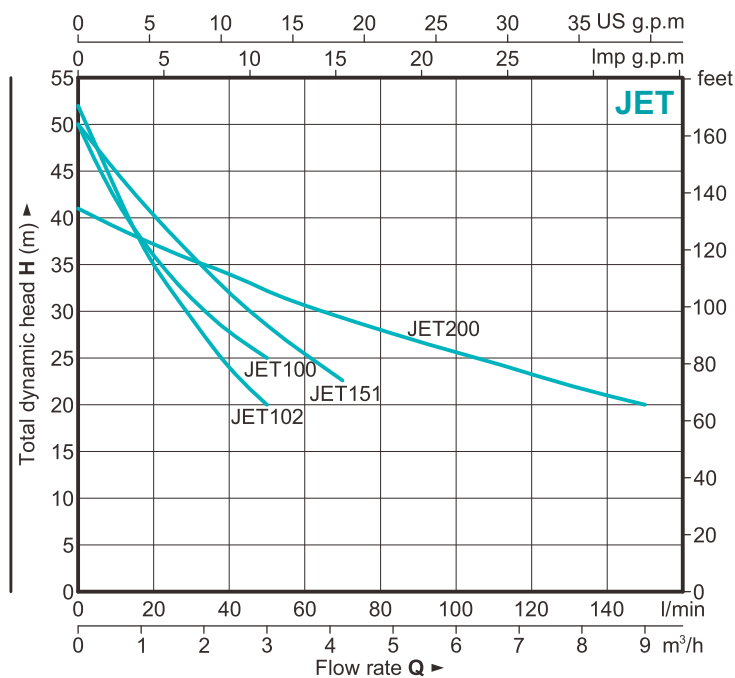
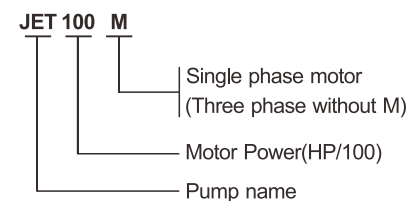
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Motor

- Single-phase: 220-240V/50Hz
- Three-phase: 380-415V/50Hz

Operating Conditions

- Highest temperature of liquid +40°C
- Maximum sand content: 0.25%



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	4.2	5.4	6.6	7.8	9
JETM100M	JET100	0.75	1	H(m)	50	42	36	31	28	25	-	-	-	-	-	-
JETM102M	JET102	0.75	1		52	43	35	29	24	20	-	-	-	-	-	-
JETM151M	JET151	1.1	1.5		50	45	40	36	32	28	23	-	-	-	-	-
JET200M	JET200	1.5	2		41	39	37	35	34	32	29	27	25	22	20	-

CPM



Typical Applications

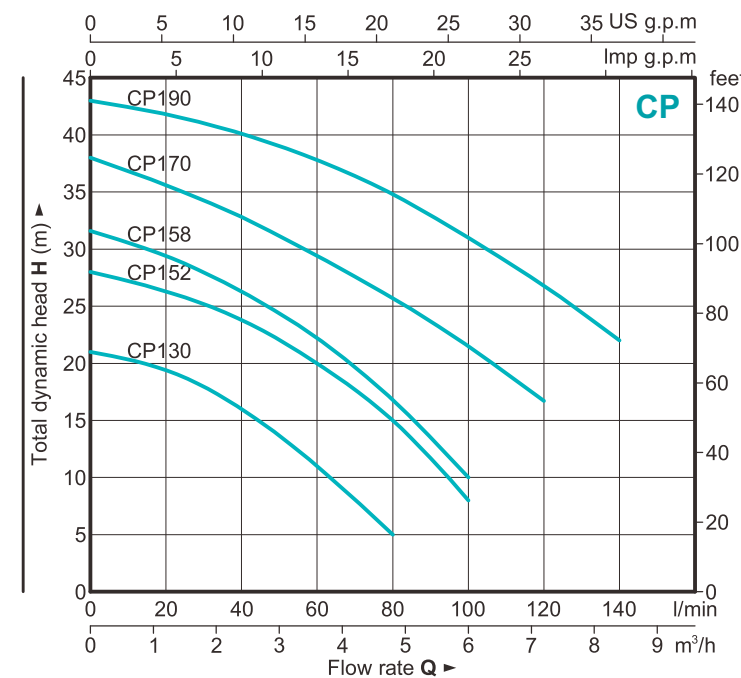
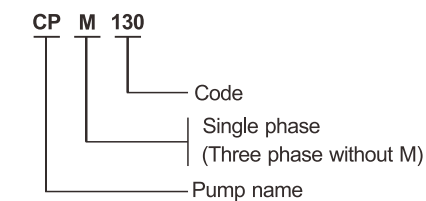
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Motor

- Single-phase: 220-240V/50Hz
- Three-phase: 380-415V/50Hz

Operating Conditions

- Highest temperature of liquid +40°C
- Maximum sand content: 0.25%



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4		
CPM130	CP130	0.37	0.5	H(m)	21	19	16	11	5	-	-	-	-		
CPM152	CP152	0.55	0.75		28	26	24	20	15	8	-	-	-		
CPM158	CP158	0.75	1		32	29	26	22	16	10	-	-	-		
CPM170	CP170	1.1	1.5		38	36	33	28	26	22	17	-	-		
CPM190	CP190	1.5	2		43	42	40	38	35	31	27	22	22		

RC



Typical Applications

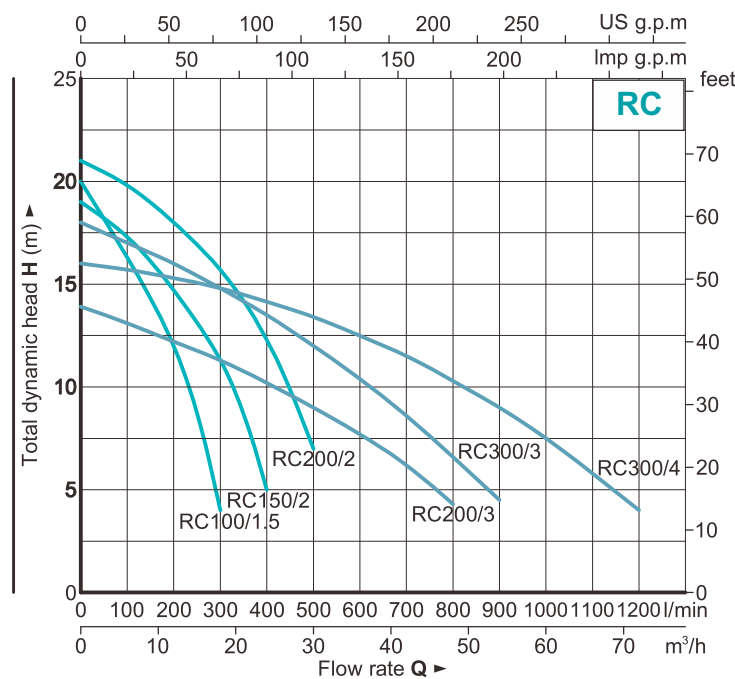
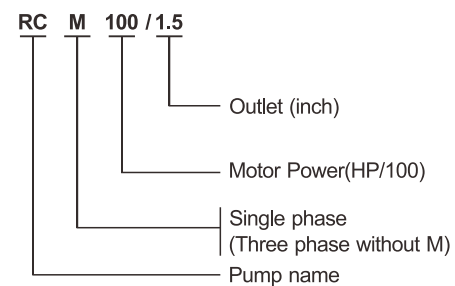
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Motor

- Single-phase: 220-240V/50Hz
- Three-phase: 380-415V/50Hz

Operating Conditions

- Highest temperature of liquid +40°C
- Maximum sand content: 0.25%



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72	
				H(m)		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	
RCM100/1.5	RC100/1.5	0.75	1		20	16	12	4	-	-	-	-	-	-	-	-	-	-	
RCM150/2	RC150/2	1.1	1.5		19	17	15	11	5	-	-	-	-	-	-	-	-	-	
RCM200/2	RC200/2	1.5	2		21	20	18	16	12	7	-	-	-	-	-	-	-	-	
RCM200/3	RC200/3	1.5	2		14	13	12	11	10	9	8	6	4	-	-	-	-	-	
RCM300/3	RC300/3	2.2	3		18	17	16	15	14	12	10	9	7	5	-	-	-	-	
RCM300/4	RC300/4	2.2	3		16	16	15	15	14	13	13	12	10	9	8	6	4		

PBG

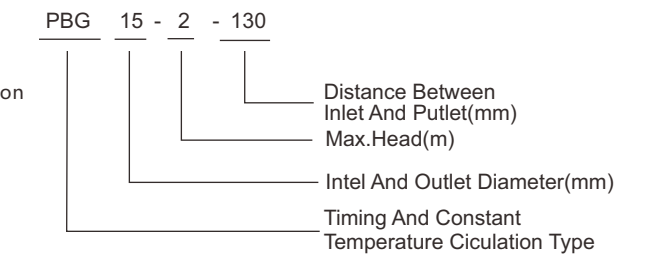


Application Limits

- Liquid temperature: +2°C~110°C
- Maximum ambient temperature +40°C
- Maximum system pressure 10bar
- Protection level: IP44
- Mains connection: 220V/50Hz, 380V/50Hz
- Insulation class: F
- Pumped liquid characteristics: clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- Installation: the motor shaft must be kept in horizontal direction
- pH: 6.5 to 8.5

Applications Fields

- For HVAC systems such as air energy hot water circulation system, solar hot water circulation system, boiler heating system, pressurization of domestic tap water, industry hot or cold water circulation system, etc.

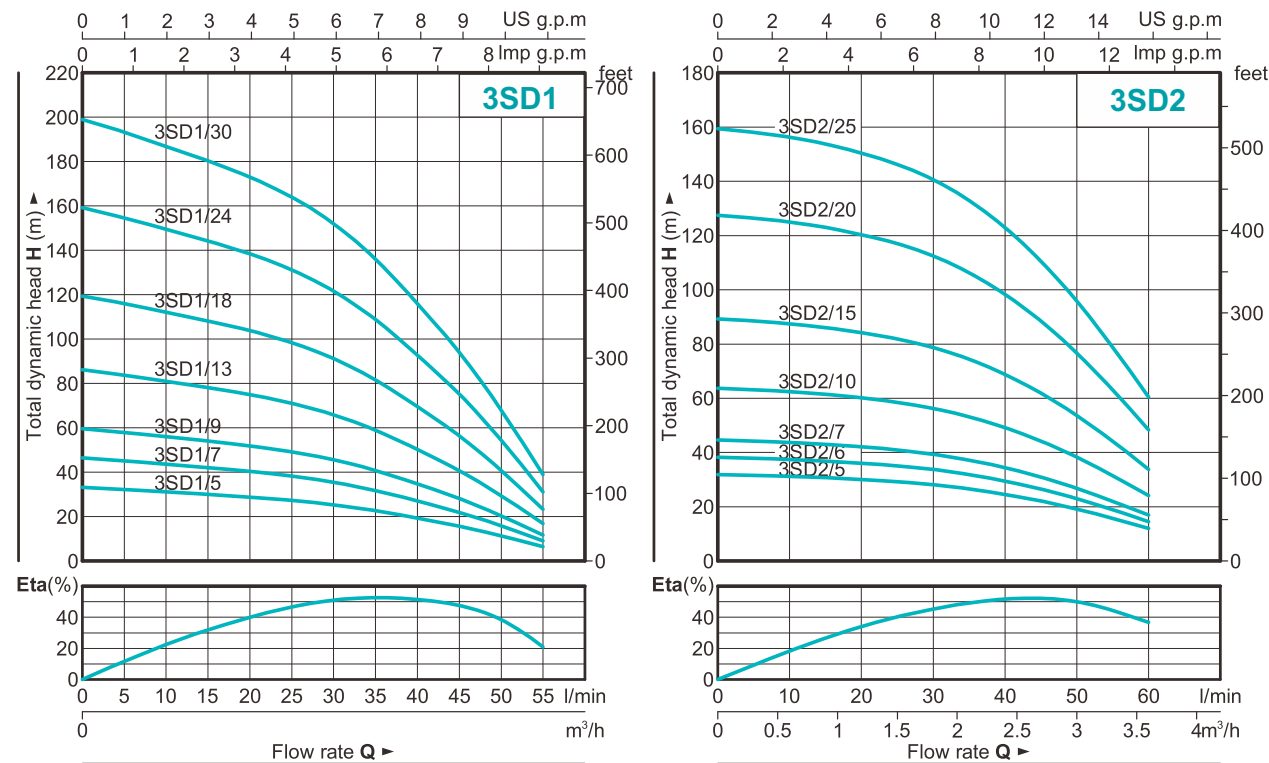


PERFORMANCE DATA 50Hz

MODEL	Power(W)	Voltage(V)	Rate Flow(m³/h)	Rate Head(m)	Max.Head(m)	Max.Flow(m³/h)
PBG20-4-130	60	220	1.5	2	4	2.2
PBG25-4-130	60	220	1.5	2.2	4	3
PBG32-4-130	60	220	1.5	2.5	4.5	3.2
PBG25-4-180	60	220	1.5	2.2	4	3
PBG32-4-180	60	220	1.5	2.2	4	3.5
PBG20-6-130	90	220	1.5	4	6	2.2
PBG25-6-130	90	220	1.5	4.2	6	3
PBG32-6-130	90	220	1.5	4.5	6	3.5
PBG25-6-180	90	220	1.5	4.2	6	3
PBG32-6-180	90	220	1.5	4.2	6	3.5
PBG25-8-180	200	220	3.2	5.5	8	7
PBG32-8-180	245	220	3.2	5.5	8	10
PBG15-9-160	100	220	1	6	9	3
PBG20-12-180	245	220	1.25	10	12	3
PBG25-12-180	245	220	1.25	10	12	3.5
PBG20-12-200	280	220	1.25	10	12	4.2

3SD1/3SD2

60Hz



PERFORMANCE DATA 60Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min													
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
					l/min	0	5	10	15	20	25	30	35	40	45	50	55
3SDM1/5	3SD1/5	0.18	0.25	H(m)	33	32	31	30	29	27	25	23	19	16	11	6	
3SDM1/7	3SD1/7	0.25	0.33		46	45	44	42	40	38	35	32	27	22	16	9	
3SDM1/9	3SD1/9	0.37	0.5		60	58	56	54	52	49	46	41	35	28	20	12	
3SDM1/13	3SD1/13	0.55	0.75		86	84	81	78	75	71	66	59	50	41	29	17	
3SDM1/18	3SD1/18	0.75	1		119	116	112	108	104	98	91	82	70	56	41	23	
3SDM1/24	3SD1/24	1.1	1.5		159	155	149	144	138	131	122	109	93	75	54	31	
3SDM1/30	3SD1/30	1.5	2		199	193	187	180	173	164	152	136	116	94	68	39	

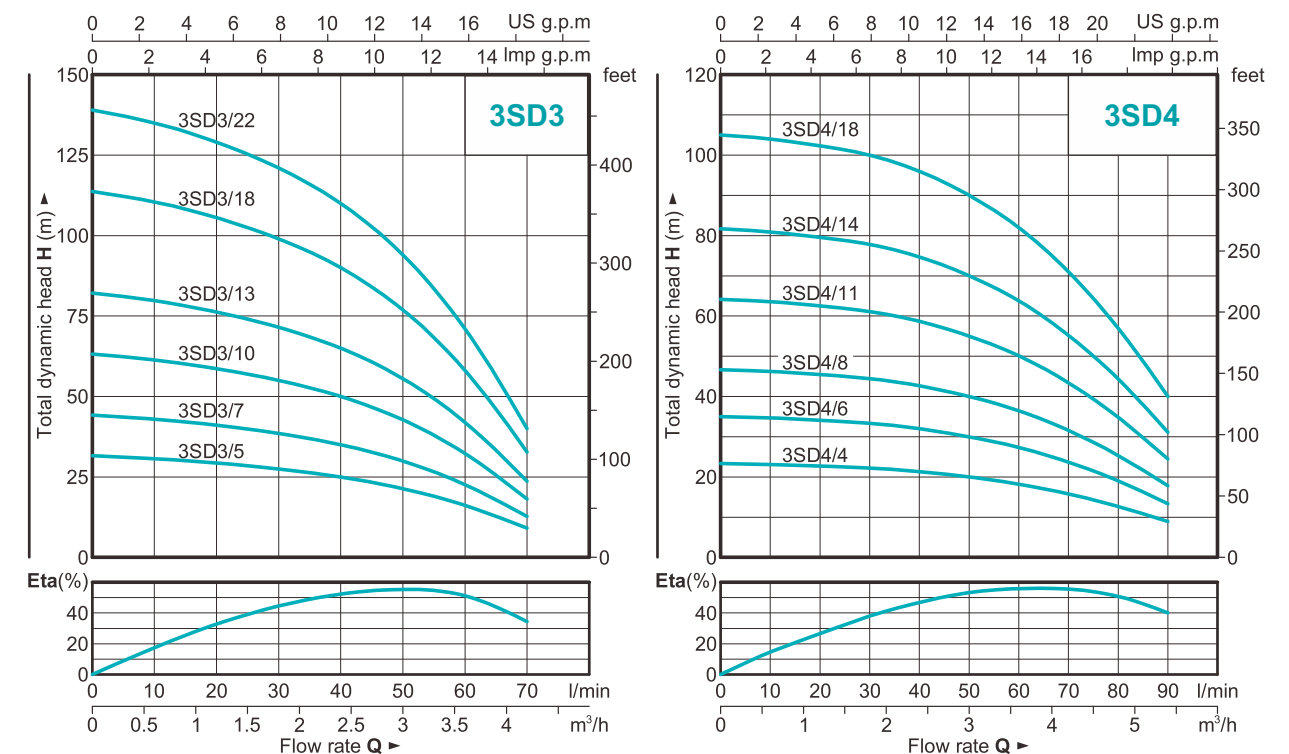
PERFORMANCE DATA 60Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min								
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6
						0	10	20	30	40	50	60
3SDM2/5	3SD2/5	0.18	0.25	H(m)		32	31	30	28	25	19	12
3SDM2/6	3SD2/6	0.25	0.33			38	38	36	34	29	23	14
3SDM2/7	3SD2/7	0.37	0.5			45	44	42	39	34	27	17
3SDM2/10	3SD2/10	0.55	0.75			64	63	60	56	49	38	24
3SDM2/15	3SD2/15	0.75	1			96	94	90	84	74	57	36
3SDM2/20	3SD2/20	1.1	1.5			128	125	120	112	98	77	48
3SDM2/25	3SD2/25	1.5	2			159	156	150	141	123	96	60

3SD3/3SD4

60Hz



PERFORMANCE DATA 60Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min									
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2
					l/min	0	10	20	30	40	50	60	70
3SDM3/5	3SD3/5	0.25	0.33	H(m)	32	31	29	28	25	21	16	9	
3SDM3/7	3SD3/7	0.37	0.5		44	43	41	39	35	30	23	13	
3SDM3/10	3SD3/10	0.55	0.75		63	61	59	55	50	43	32	18	
3SDM3/13	3SD3/13	0.75	1		82	80	76	71	65	56	42	24	
3SDM3/18	3SD3/18	1.1	1.5		114	110	106	99	90	77	58	33	
3SDM3/22	3SD3/22	1.5	2		139	135	129	121	110	94	71	40	

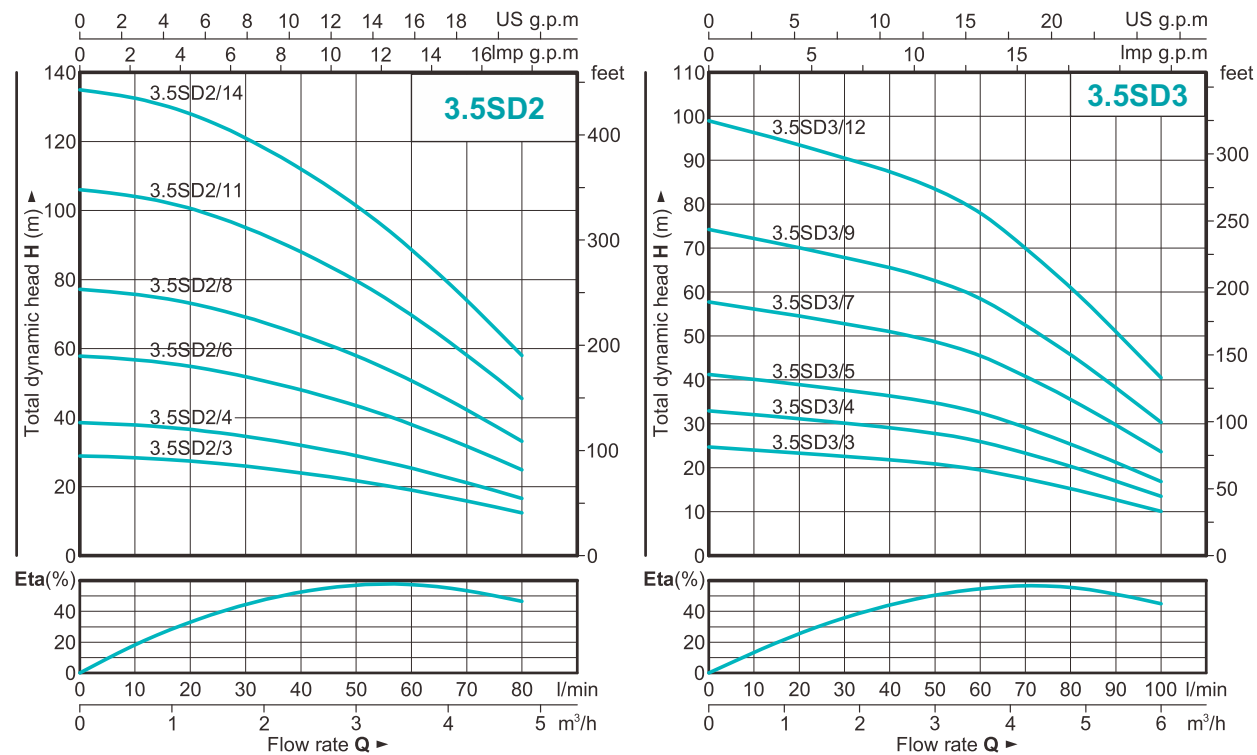
PERFORMANCE DATA 60Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min											
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
						0	10	20	30	40	50	60	70	80	90
3SDM4/4	3SD4/4	0.25	0.33	H(m)		23	23	23	22	21	20	18	16	13	9
3SDM4/6	3SD4/6	0.37	0.5			35	35	34	33	32	30	27	24	19	13
3SDM4/8	3SD4/8	0.55	0.75			47	46	45	44	43	40	36	32	25	18
3SDM4/11	3SD4/11	0.75	1			64	64	63	61	59	55	50	43	35	24
3SDM4/14	3SD4/14	1.1	1.5			82	81	80	78	75	70	64	55	44	31
3SDM4/18	3SD4/18	1.5	2			105	104	102	100	96	90	82	71	57	40

3.5SD2/3.5SD

60Hz



PERFORMANCE DATA 60Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
3.5SDM2/3	3.5SD2/3	0.25	0.33	H(m)		29	28	27	26	24	22	19	16	12
3.5SDM2/4	3.5SD2/4	0.37	0.5			39	38	37	35	32	29	25	21	17
3.5SDM2/6	3.5SD2/6	0.55	0.75			58	57	55	52	48	43	38	32	25
3.5SDM2/8	3.5SD2/8	0.75	1			77	76	73	69	64	58	51	42	33
3.5SDM2/11	3.5SD2/11	1.1	1.5			106	104	101	95	88	80	70	58	46
3.5SDM2/14	3.5SD2/14	1.5	2			135	133	128	121	112	101	89	74	58

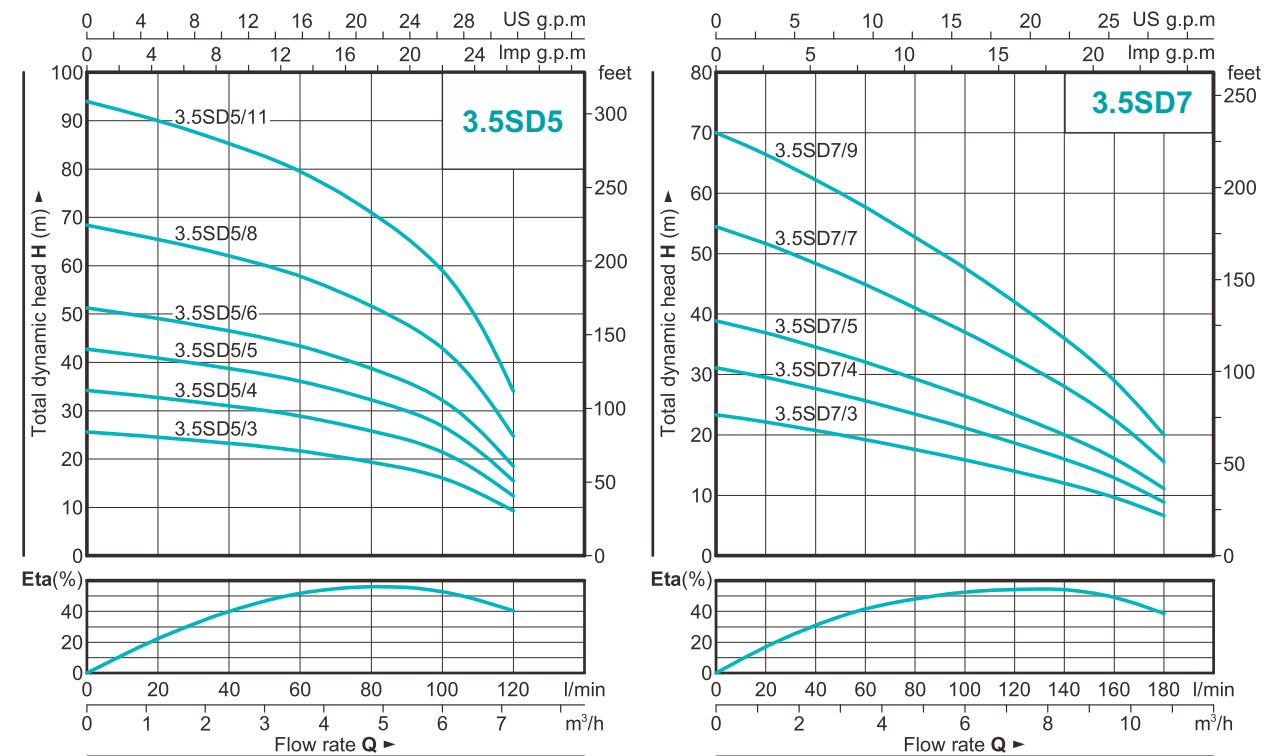
PERFORMANCE DATA 60Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
						0	10	20	30	40	50	60	70	80	90	100
3.5SDM3/3	3.5SD3/3	0.25	0.33	H(m)		25	24	23	23	22	21	20	18	15	13	10
3.5SDM3/4	3.5SD3/4	0.37	0.5			33	32	31	30	29	28	26	23	20	17	14
3.5SDM3/5	3.5SD3/5	0.55	0.75			41	40	39	38	36	35	32	29	25	21	17
3.5SDM3/7	3.5SD3/7	0.75	1			58	56	55	53	51	49	45	41	36	30	24
3.5SDM3/9	3.5SD3/9	1.1	1.5			74	72	70	68	66	63	58	52	46	38	30
3.5SDM3/12	3.5SD3/12	1.5	2			99	96	94	91	87	84	78	70	61	51	41

3.5SD5/3.5SD7

60Hz



PERFORMANCE DATA 60Hz

Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min									
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	
					l/min	0	20	40	60	80	100	120	
3.5SDM5/3	3.5SD5/3	0.25	0.33	H(m)	26	25	23	22	19	16	9		
3.5SDM5/4	3.5SD5/4	0.37	0.5		34	33	31	29	26	21	12		
3.5SDM5/5	3.5SD5/5	0.55	0.75		43	41	39	36	32	27	15		
3.5SDM5/6	3.5SD5/6	0.75	1		51	49	46	43	39	32	19		
3.5SDM5/8	3.5SD5/8	1.1	1.5		68	65	62	58	52	43	25		
3.5SDM5/11	3.5SD5/11	1.5	2		94	90	85	80	71	59	34		

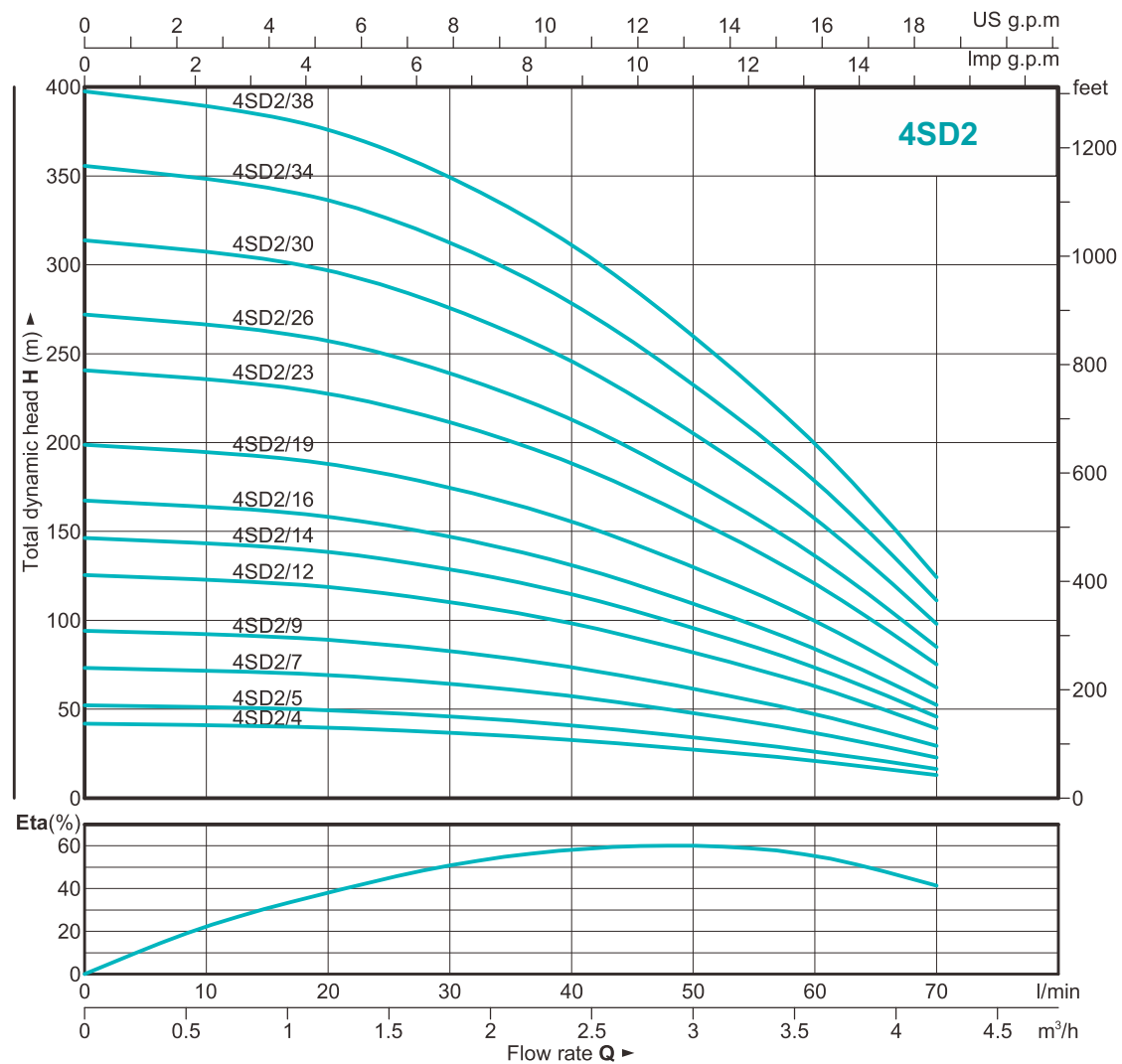
PERFORMANCE DATA 60Hz

Outlet:G1¼"~G1½"

MODEL		P ₂		DELIVERY n≈3450 1/min											
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
					l/min	0	20	40	60	80	100	120	140	160	180
3.5SDM7/3	3.5SD7/3	0.37	0.5	H(m)	23	22	21	19	18	16	14	12	10	7	
3.5SDM7/4	3.5SD7/4	0.55	0.75		31	30	28	26	23	21	19	16	13	9	
3.5SDM7/5	3.5SD7/5	0.75	1		39	37	35	32	29	26	23	20	16	11	
3.5SDM7/7	3.5SD7/7	1.1	1.5		54	52	48	45	41	37	33	28	23	16	
3.5SDM7/9	3.5SD7/9	1.5	2		70	66	62	58	53	48	42	36	29	20	

4SD2

60Hz



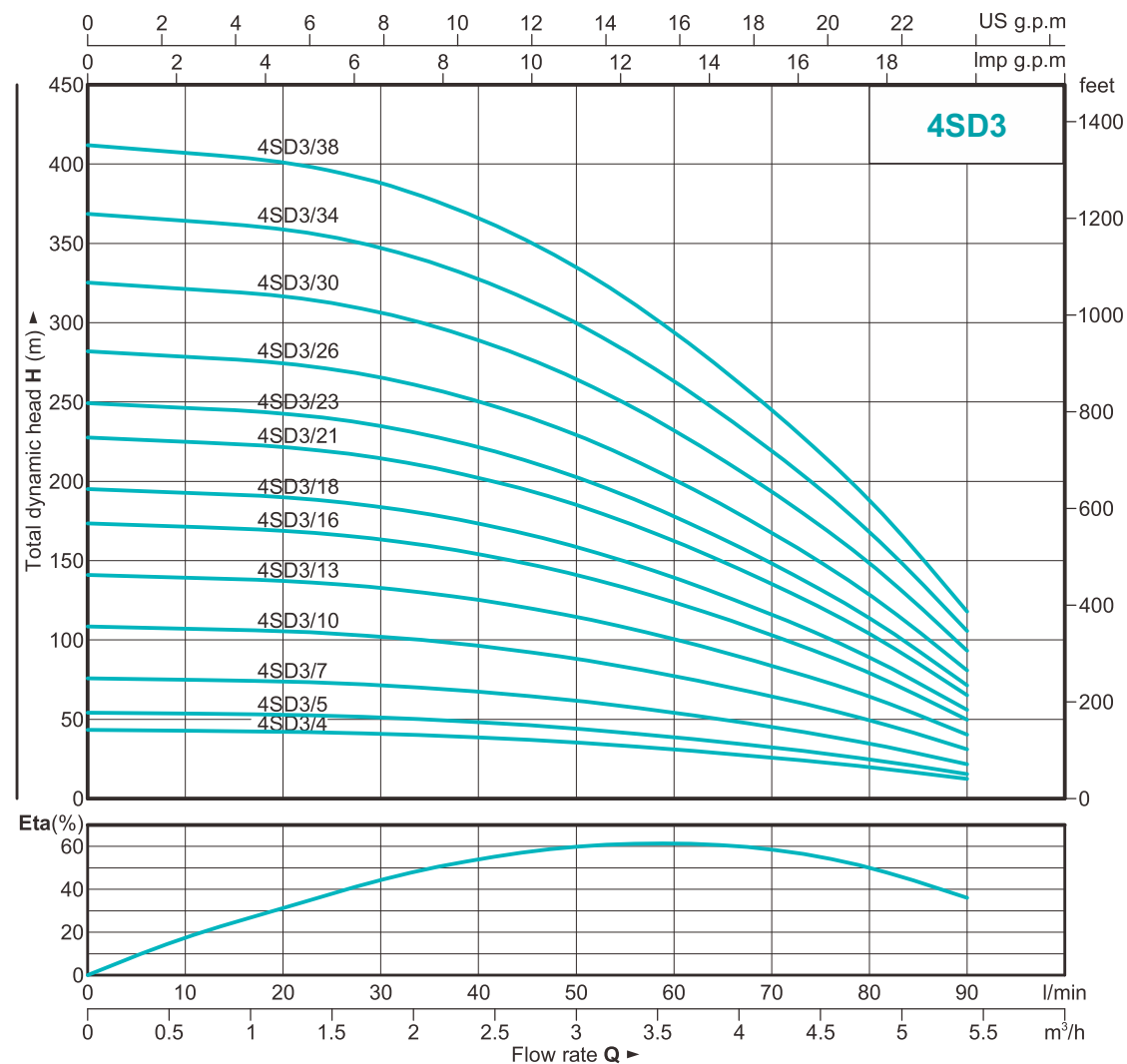
PERFORMANCE DATA 60Hz

Outlet: G1¼"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min									
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2
4SDM2/4	4SD2/4	0.25	0.33	H(m)		42	41	40	37	32	26	18	9
4SDM2/5	4SD2/5	0.37	0.5			52	51	49	46	40	32	22	12
4SDM2/7	4SD2/7	0.55	0.75			73	72	69	64	56	45	31	16
4SDM2/9	4SD2/9	0.75	1			94	92	89	83	72	58	40	21
4SDM2/12	4SD2/12	1.1	1.5			126	123	119	110	97	78	54	28
4SDM2/14	4SD2/14	1.3	1.75			146	143	138	129	113	90	63	33
4SDM2/16	4SD2/16	1.5	2			167	164	158	147	129	103	72	38
4SDM2/19	4SD2/19	1.8	2.5			199	195	188	175	153	123	85	45
4SDM2/23	4SD2/23	2.2	3			241	236	228	211	185	149	103	54
4SDM2/26	4SD2/26	2.6	3.5			272	266	257	239	209	168	117	61
—	4SD2/30	3	4			314	307	297	276	242	194	135	71
—	4SD2/34	3.7	5			356	348	336	312	274	220	153	80
—	4SD2/38	4	5.5			397	389	376	349	306	245	170	89

4SD3

60Hz



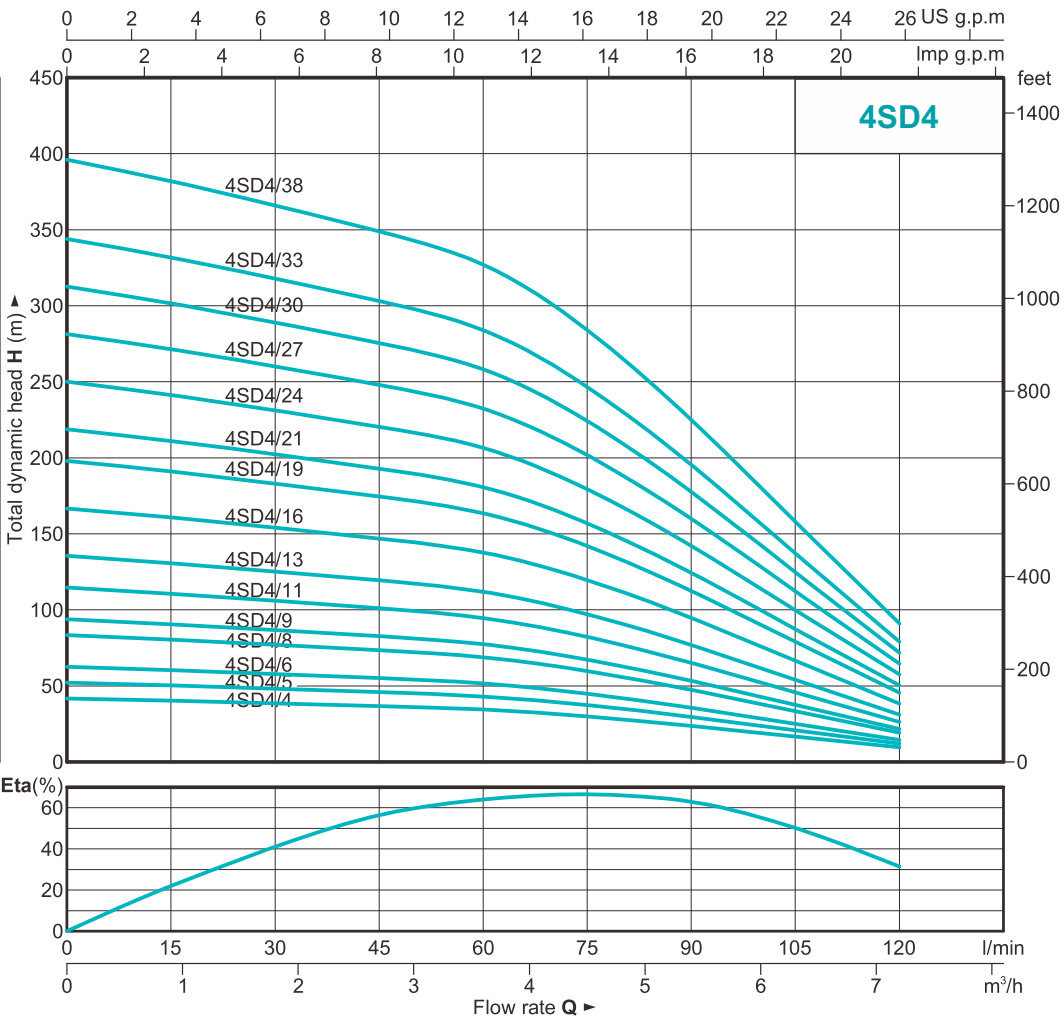
PERFORMANCE DATA 60Hz

Outlet: G1¼"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min											
1~ 110V/220V	3~ 220/380V	kW	HP	Q	$\frac{m^3/h}{l/min}$	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
						0	10	20	30	40	50	60	70	80	90
4SDM3/4	4SD3/4	0.37	0.5	H(m)		43	43	42	41	39	35	31	26	20	12
4SDM3/5	4SD3/5	0.55	0.75			54	54	53	51	48	44	39	32	25	16
4SDM3/7	4SD3/7	0.75	1			76	75	74	71	67	62	54	45	35	22
4SDM3/10	4SD3/10	1.1	1.5			108	107	106	102	96	88	77	64	49	31
4SDM3/13	4SD3/13	1.5	2			141	139	137	133	125	115	101	84	64	40
4SDM3/16	4SD3/16	1.8	2.5			173	171	169	163	154	141	124	103	79	50
4SDM3/18	4SD3/18	2.2	3			195	193	190	184	173	159	139	116	89	56
4SDM3/21	4SD3/21	2.6	3.5			228	225	222	214	202	185	162	135	104	65
—	4SD3/23	3	4			249	246	243	235	222	203	178	148	114	71
—	4SD3/26	3.7	5			282	278	274	265	250	229	201	168	129	81
—	4SD3/30	4	5.5			325	321	317	306	289	264	232	193	148	93
—	4SD3/34	5	7			369	364	359	347	327	300	263	219	168	106
—	4SD3/38	5.5	7.5			412	407	401	388	366	335	294	245	188	118

4SD4

60Hz



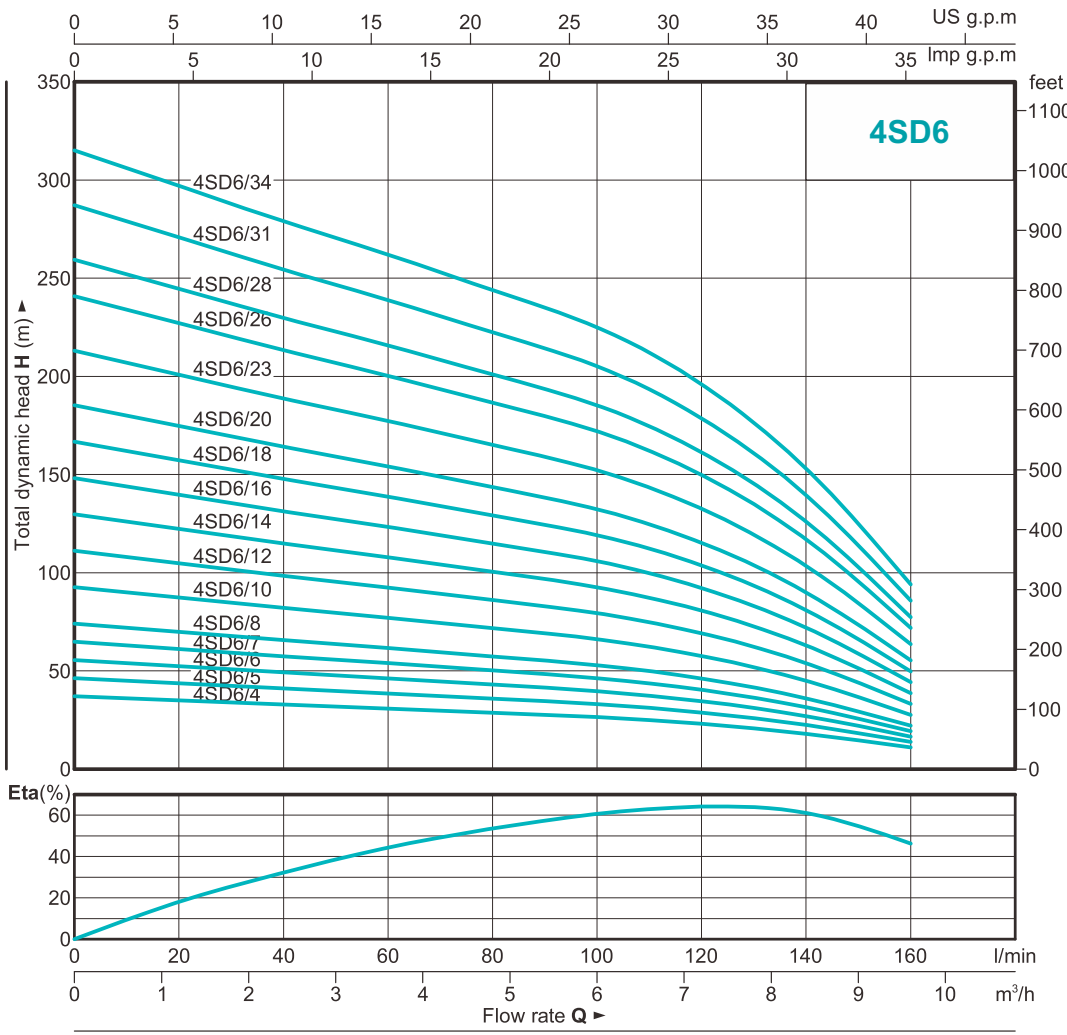
PERFORMANCE DATA 60Hz

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min										
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h l/min	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2
4SDM4/4	4SD4/4	0.37	0.5	H(m)	0	15	30	45	60	75	90	105	120	
4SDM4/5	4SD4/5	0.55	0.75		42	40	39	37	34	30	24	17	10	
4SDM4/6	4SD4/6	0.75	1		52	50	48	46	43	37	30	21	12	
4SDM4/8	4SD4/8	0.92	1.25		63	60	58	55	52	45	36	25	14	
4SDM4/9	4SD4/9	1.1	1.5		83	80	77	73	69	60	47	33	19	
4SDM4/11	4SD4/11	1.5	2		94	90	87	83	77	67	53	37	22	
4SDM4/13	4SD4/13	1.8	2.5		115	111	106	101	95	82	65	46	26	
4SDM4/16	4SD4/16	2.2	3		135	131	125	119	112	97	77	54	31	
4SDM4/19	4SD4/19	2.6	3.5		167	161	154	147	138	120	95	67	38	
—	4SD4/21	3	4		198	191	183	174	163	142	112	79	45	
—	4SD4/24	3.7	5		219	211	202	193	181	157	124	87	50	
—	4SD4/27	4	5.5		250	241	231	220	207	179	142	100	57	
—	4SD4/30	5	7		281	271	260	248	232	202	160	112	65	
—	4SD4/33	5.5	7.5		313	302	289	276	258	224	178	125	72	
—	4SD4/38	7.5	10		344	332	318	303	284	247	195	137	79	
					396	382	366	349	327	284	225	158	91	

4SD6

60Hz



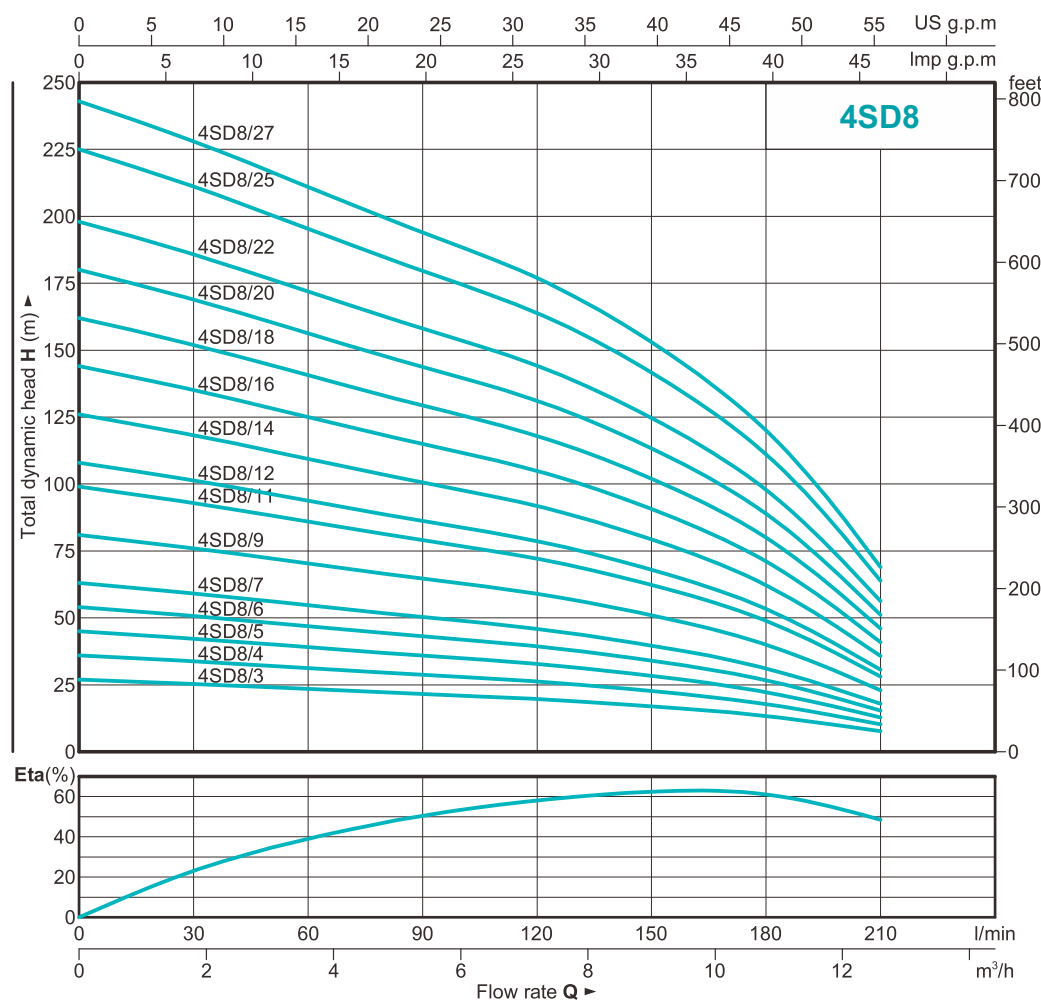
PERFORMANCE DATA 60Hz

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min										
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
4SDM6/4	4SD6/4	0.37	0.5	H(m)		0	20	40	60	80	100	120	140	150
4SDM6/5	4SD6/5	0.55	0.75			37	35	33	31	29	26	23	18	11
4SDM6/6	4SD6/6	0.75	1			46	44	41	39	36	33	29	22	14
4SDM6/7	4SD6/7	1.1	1.5			56	52	49	46	43	40	35	27	17
4SDM6/8	4SD6/8	1.3	1.75			65	61	57	54	50	46	40	31	19
4SDM6/10	4SD6/10	1.5	2			74	70	66	62	57	53	46	36	22
4SDM6/12	4SD6/12	1.8	2.5			93	87	82	77	72	66	58	45	28
4SDM6/14	4SD6/14	2.2	3			111	105	98	92	86	79	69	54	33
4SDM6/16	4SD6/16	2.6	3.5			130	122	115	108	100	93	81	63	39
—	4SD6/18	3	4			148	140	131	123	115	106	92	72	44
—	4SD6/20	3.7	5			167	157	148	139	129	119	104	81	50
—	4SD6/23	4	5.5			185	175	164	154	144	132	115	90	55
—	4SD6/26	5	7			213	201	189	177	165	152	133	103	64
—	4SD6/28	5.5	7.5			241	227	213	200	187	172	150	117	72
—	4SD6/31	6.8	9			259	245	230	216	201	185	161	126	77
—	4SD6/34	7.5	10			287	271	254	239	222	205	179	139	86
						315	297	279	262	244	225	196	153	94

4SD8

60Hz



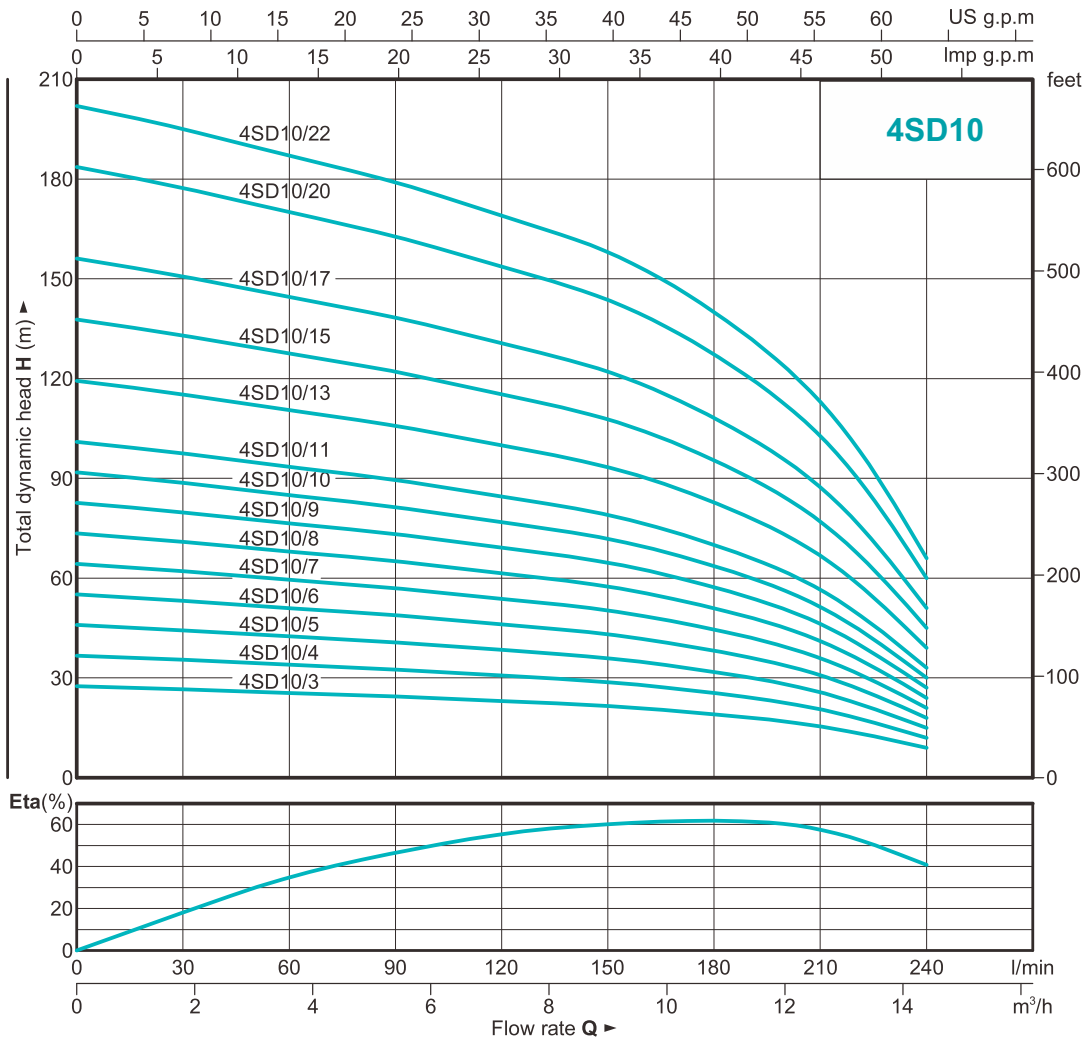
PERFORMANCE DATA 60Hz

Outlet:G1½"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min									
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6
					l/min	0	30	60	90	120	150	180	210
4SDM8/3	4SD8/3	0.55	0.75	H(m)		27	25	23	22	20	17	13	8
4SDM8/4	4SD8/4	0.75	1			36	34	31	29	26	23	18	10
4SDM8/5	4SD8/5	1.1	1.5			45	42	39	36	33	28	22	13
4SDM8/6	4SD8/6	1.3	1.75			54	51	47	43	39	34	27	15
4SDM8/7	4SD8/7	1.5	2			63	59	55	50	46	40	31	18
4SDM8/9	4SD8/9	1.8	2.5			81	76	70	65	59	51	40	23
4SDM8/11	4SD8/11	2.2	3			99	93	86	79	72	62	49	28
4SDM8/12	4SD8/12	2.6	3.5			108	101	94	86	79	68	53	31
—	4SD8/14	3	4			126	118	109	101	92	79	62	36
—	4SD8/16	3.7	5			144	135	125	115	105	91	71	41
—	4SD8/18	4	5.5			162	152	141	129	118	102	80	46
—	4SD8/20	5	7			180	169	156	144	131	113	89	51
—	4SD8/22	5.5	7.5			198	186	172	158	144	125	98	56
—	4SD8/25	6.8	9			225	211	195	180	164	142	111	64
—	4SD8/27	7.5	10			243	228	211	194	177	153	120	69

4SD10

60Hz



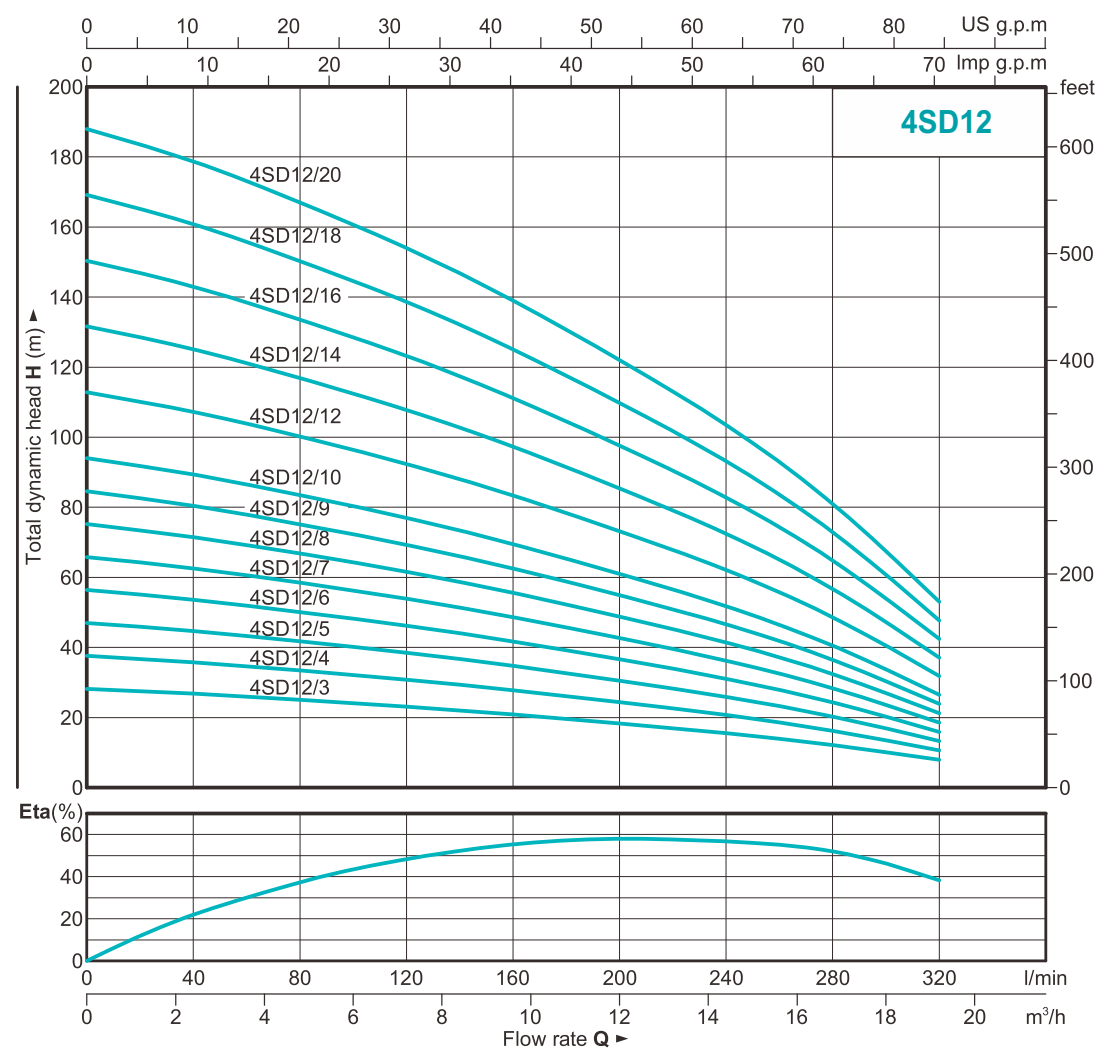
PERFORMANCE DATA 60Hz

Outlet:G1½"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min									
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6
					l/min	0	30	60	90	120	150	180	210
4SDM10/3	4SD10/3	0.92	1.25	H(m)		28	27	25	24	23	22	19	15
4SDM10/4	4SD10/4	1.1	1.5			37	35	34	33	31	29	25	21
4SDM10/5	4SD10/5	1.5	2			46	44	42	41	38	36	32	26
4SDM10/6	4SD10/6	1.8	2.5			55	53	51	49	46	43	38	31
4SDM10/7	4SD10/7	2.2	3			64	62	59	57	54	50	45	36
4SDM10/8	4SD10/8	2.2	3			73	71	68	65	61	57	51	41
4SDM10/9	4SD10/9	2.6	3.5			83	80	76	73	69	65	57	46
—	4SD10/10	3	4			92	89	85	81	77	72	64	51
—	4SD10/11	3.7	5			101	97	93	89	84	79	70	56
—	4SD10/13	4	5.5			119	115	110	106	100	93	83	67
—	4SD10/15	5	7			138	133	127	122	115	108	95	77
—	4SD10/17	5.5	7.5			156	151	145	138	131	122	108	87
—	4SD10/20	6.8	9			184	177	170	163	154	144	127	103
—	4SD10/22	7.5	10			202	195	187	179	169	158	140	113

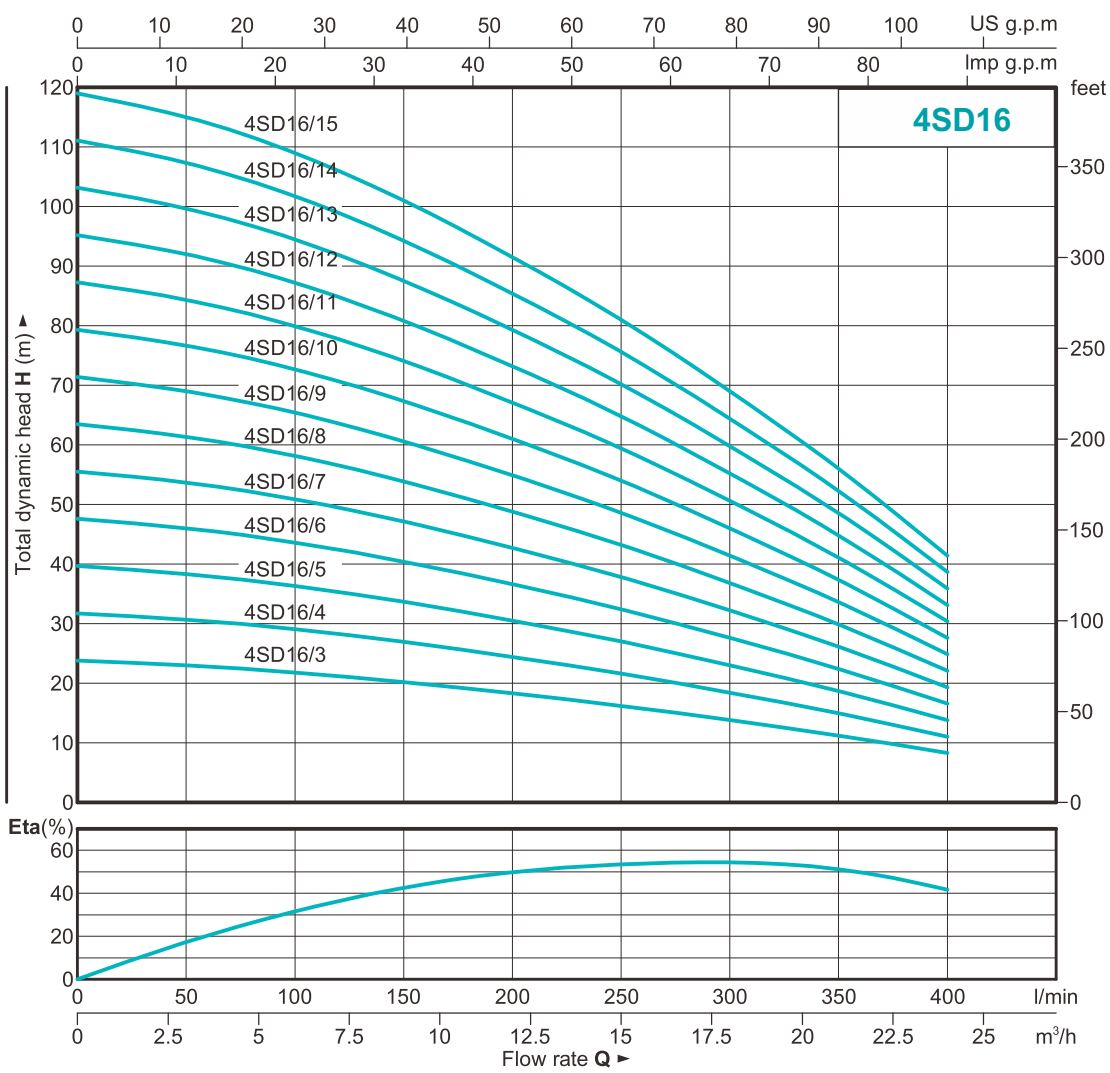
4SD12

60Hz



4SD16

60Hz



PERFORMANCE DATA 60Hz Outlet:G1½"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min										
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h l/min	0	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2
				H(m)		0	40	80	120	160	200	240	280	320
4SDM12/3	4SD12/3	1.1	1.5			28	27	25	23	21	18	16	12	5
4SDM12/4	4SD12/4	1.5	2			38	36	33	31	28	24	21	16	7
4SDM12/5	4SD12/5	1.8	2.5			47	45	42	38	35	30	26	20	8
4SDM12/6	4SD12/6	2.2	3			56	54	50	46	42	37	31	24	10
4SDM12/7	4SD12/7	2.2	3			66	63	58	54	49	43	36	28	12
4SDM12/8	4SD12/8	2.6	3.5			75	71	67	62	56	49	41	32	13
—	4SD12/9	3	4			85	80	75	69	63	55	47	36	15
—	4SD12/10	3.7	5			94	89	84	77	70	61	52	40	17
—	4SD12/12	4	5.5			113	107	100	92	83	73	62	49	20
—	4SD12/14	5	7			132	125	117	108	97	85	72	57	23
—	4SD12/16	5.5	7.5			150	143	134	123	111	98	83	65	26
—	4SD12/18	6.8	9			169	161	150	139	125	110	93	73	30
—	4SD12/20	7.5	10		188	179	167	154	139	122	104	81	33	

PERFORMANCE DATA 60Hz Outlet:G1½"~G2"

MODEL		P ₂		DELIVERY n≈3450 1/min										
1~ 110V/220V	3~ 220/380V	kW	HP	Q	m³/h l/min	0	3	6	9	12	15	18	21	24
						0	50	100	150	200	250	300	350	400
4SDM16/3	4SD16/3	1.3	1.75	H(m)		24	23	22	20	18	16	14	11	8
4SDM16/4	4SD16/4	1.8	2.5			32	31	29	27	24	22	18	15	11
4SDM16/5	4SD16/5	2.2	3			40	38	36	34	30	27	23	19	14
4SDM16/6	4SD16/6	2.6	3.5			48	46	44	40	37	32	28	22	17
—	4SD16/7	3	4			56	54	51	47	43	38	32	26	19
—	4SD16/8	3.7	5			63	61	58	54	49	43	37	30	22
—	4SD16/9	3.7	5			71	69	65	61	55	49	41	34	25
—	4SD16/10	4	5.5			79	77	73	67	61	54	46	37	28
—	4SD16/11	5	7			87	84	80	74	67	59	51	41	30
—	4SD16/12	5.5	7.5			95	92	87	81	73	65	55	45	33
—	4SD16/13	6.8	9			103	100	94	88	79	70	60	49	36
—	4SD16/14	7.5	10			111	107	102	94	85	76	64	52	39
—	4SD16/15	7.5	10			119	115	109	101	92	81	69	56	41

Control Box For Pump



► QK101



QK102 ◀



► QK103



QK104 ◀



► QK105



► QK106

Outlet & Impeller For Pump

