

3SD/3.5SD

Typical Applications

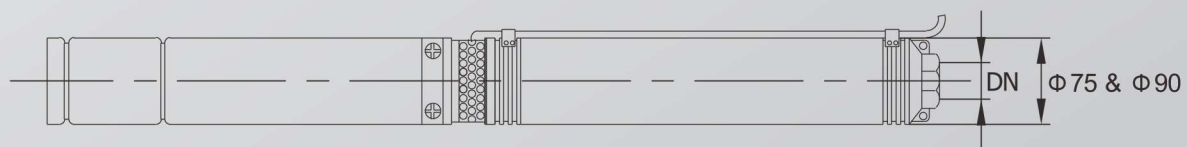
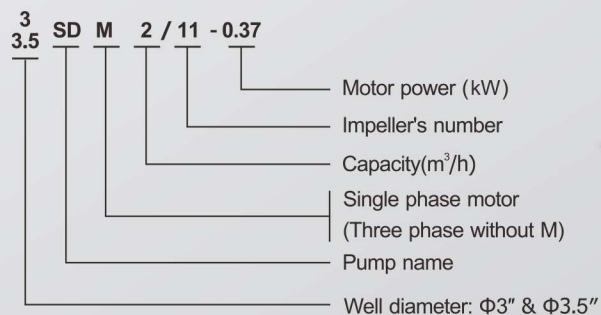
- Water supply system
- Booster
- Garden and farm irrigation
- Lowering underground water level
- Various industrial applications

Pump

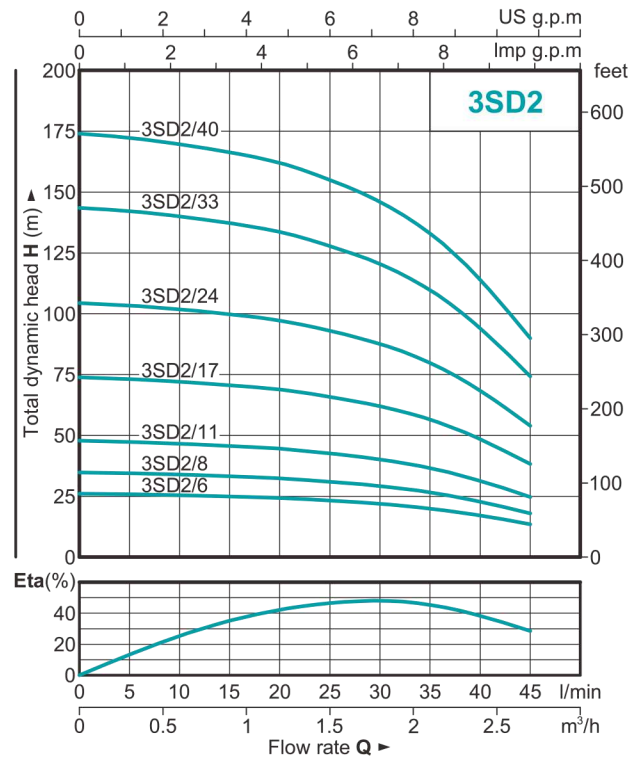
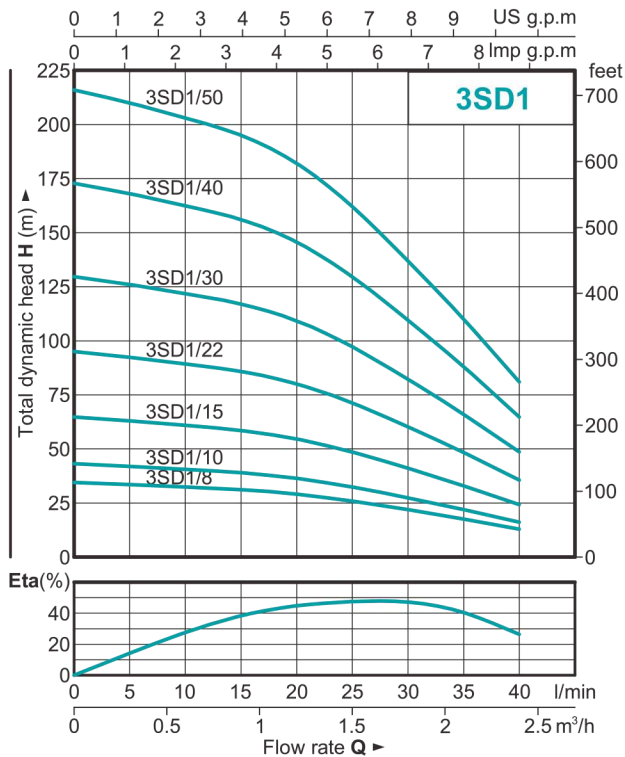
Model	Q.max	Capacity arrange	Total head arrange
3SD1	3	0.6~2.1	203~18
3SD2	3.6	0.6~2.4	170~17
3SD2.5	4	1.2~3	143~13
3SD3	5.2	1.2~4.2	108~10
3SD5	7.6	2.4~6.6	71~6
3.5SD2	4.5	0.6~3	142~20
3.5SD3	6	1.2~4.2	109~18
3.5SD4	7	1.2~5.4	103~10

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: $\Phi 3"$ & $\Phi 3.5"$
- Highest temperature of liquid: 40 °C



3SD1/3SD2



PERFORMANCE DATA 50Hz

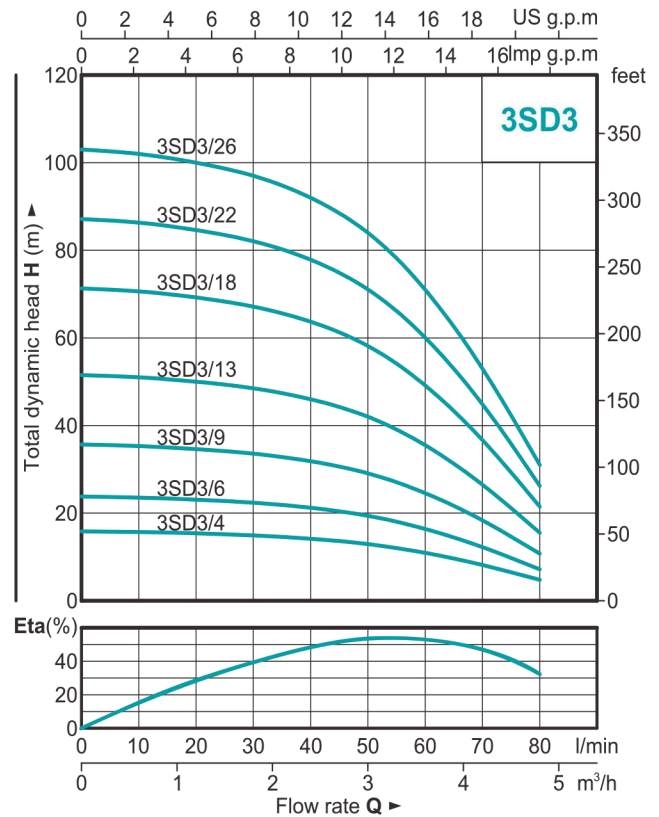
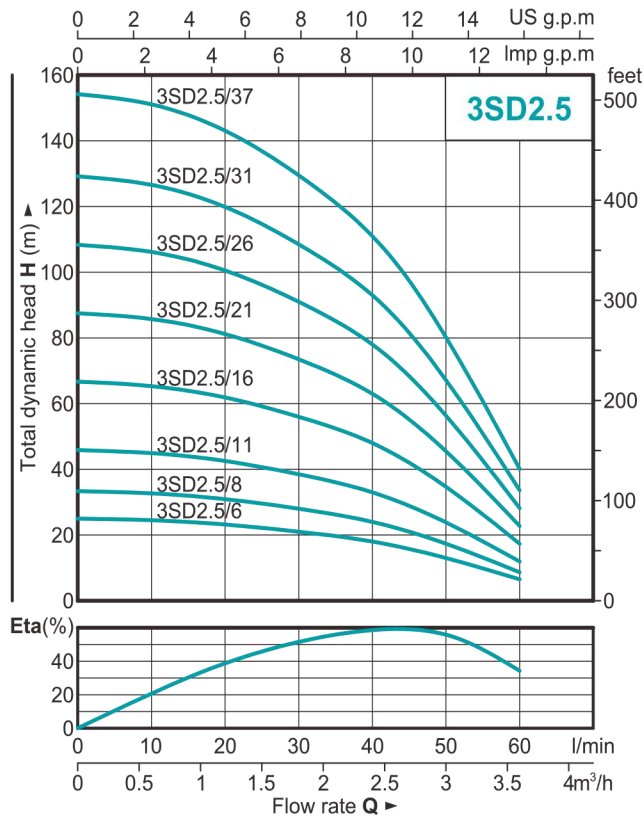
Outlet: G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
					l/min	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	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
					l/min	0	5	10	15	20	25	30	35	40
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



PERFORMANCE DATA 50Hz

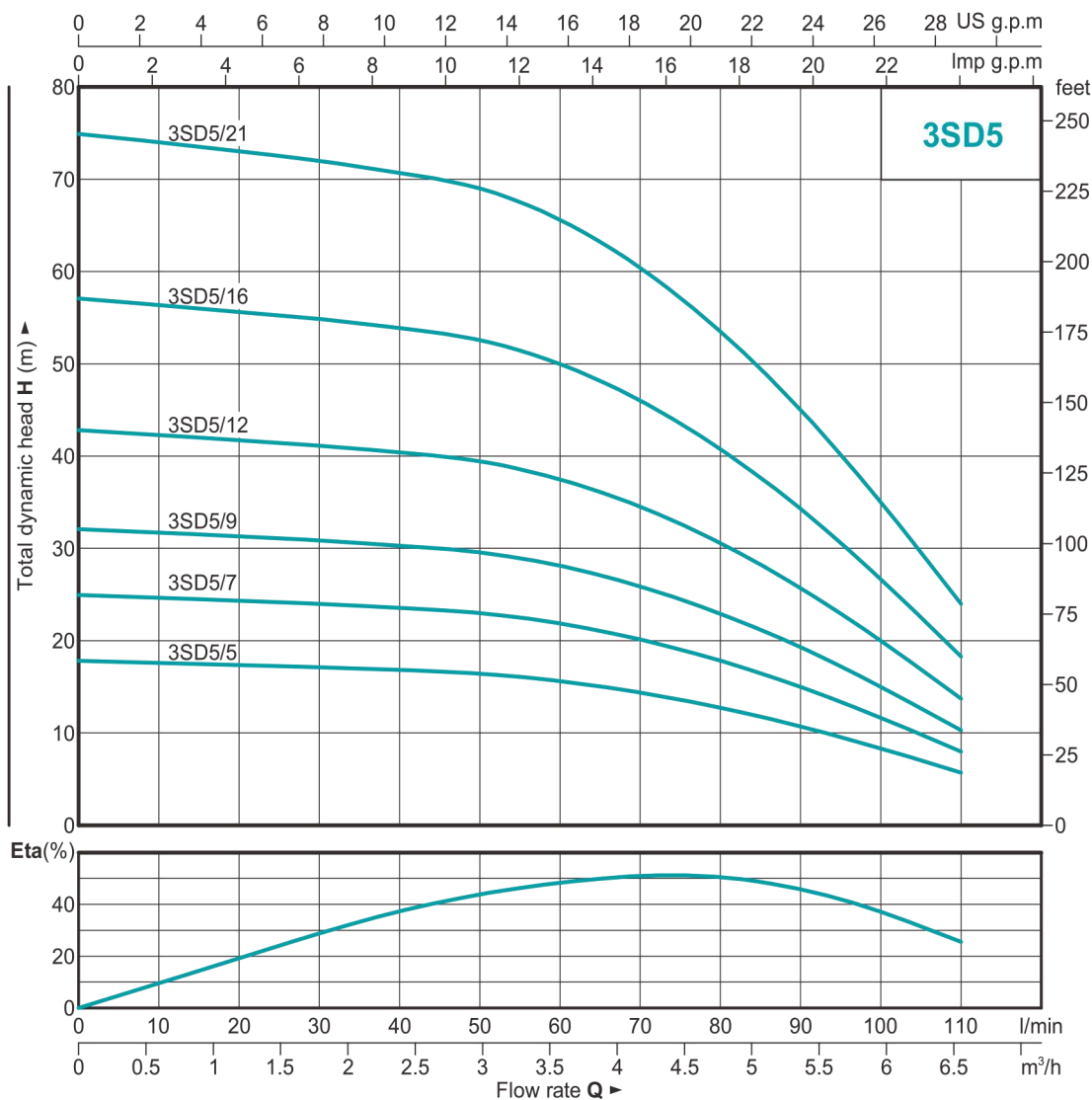
Outlet: G1"~G1½"

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

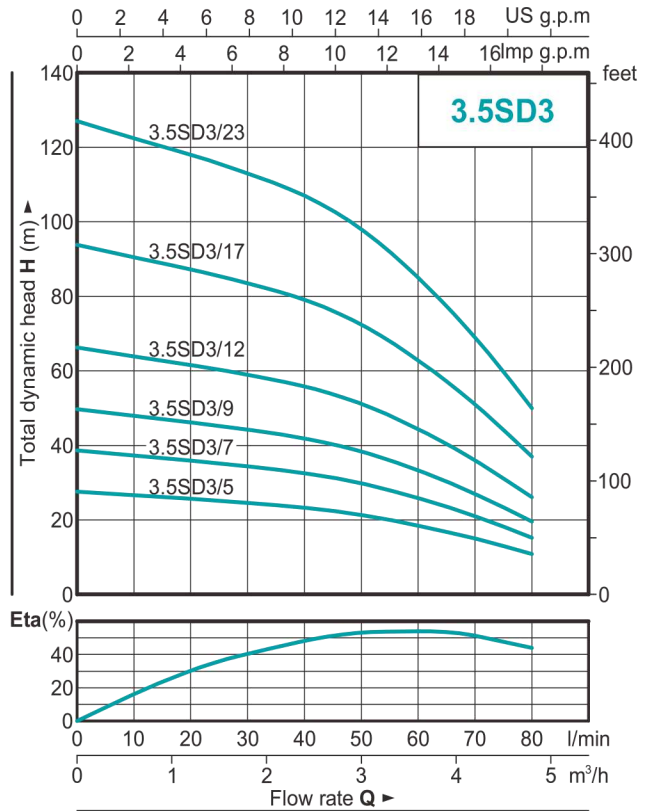
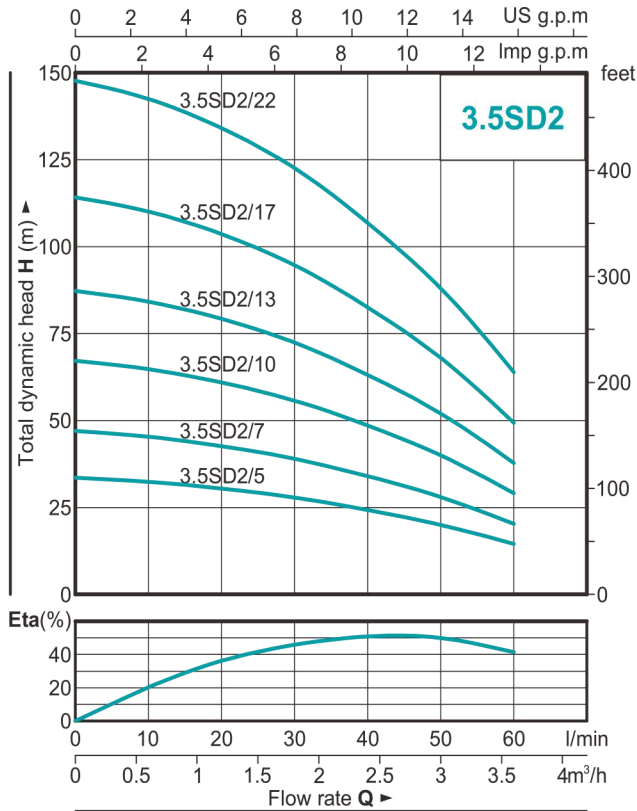


PERFORMANCE DATA 50Hz

Outlet: G1"~G1½"

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

3.5SD2/3.5SD3



PERFORMANCE DATA 50Hz

Outlet: G1"~G1½"

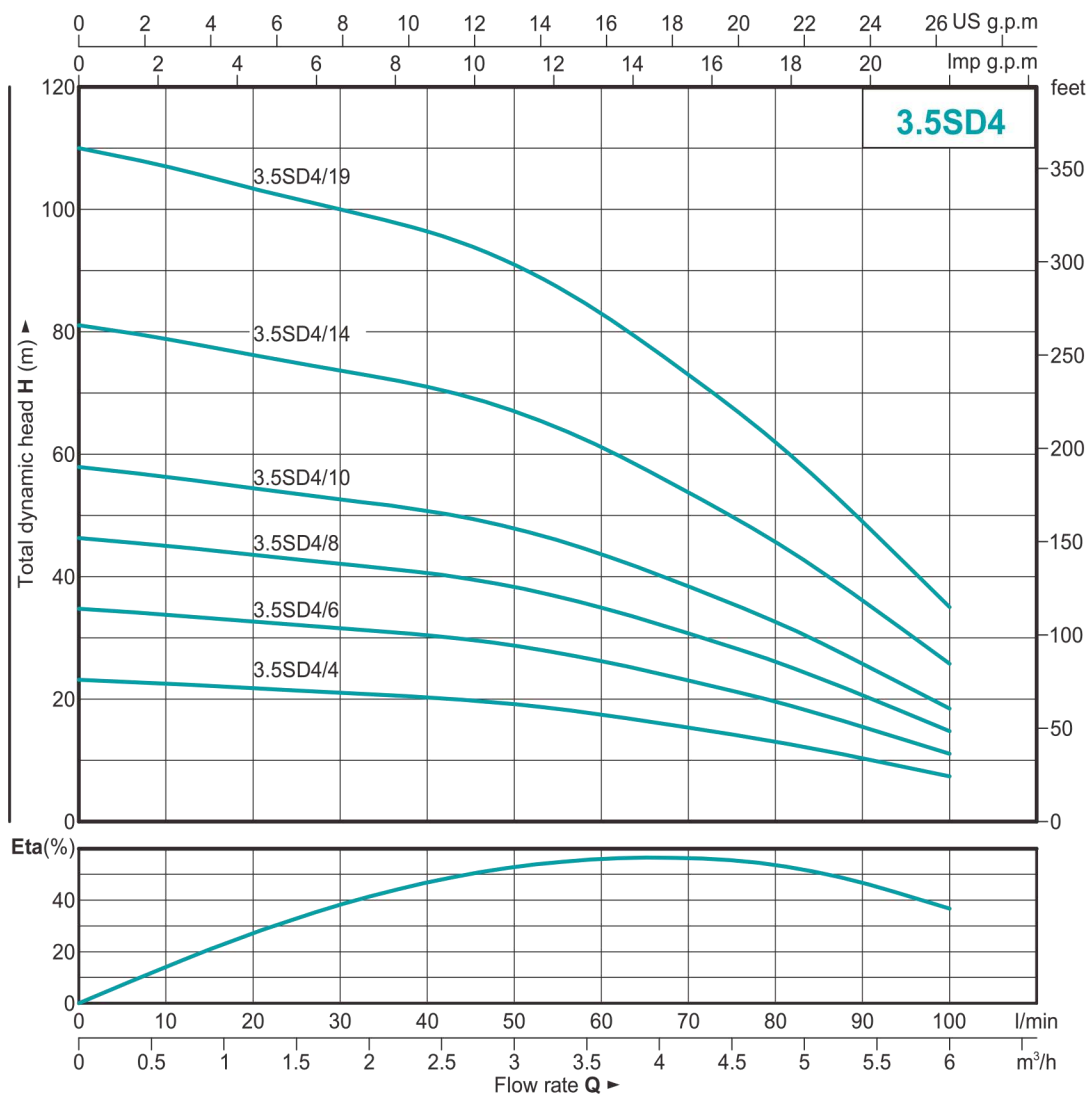
MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6
						0	10	20	30	40	50	60
3.5SDM2/5	3.5SD2/5	0.25	0.33	H(m)		34	32	30	28	24	20	15
3.5SDM2/7	3.5SD2/7	0.37	0.5			47	45	43	39	34	28	20
3.5SDM2/10	3.5SD2/10	0.55	0.75			67	65	61	56	49	40	29
3.5SDM2/13	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
						0	10	20	30	40	50	60	70	80
3.5SDM3/5	3.5SD3/5	0.25	0.33	H(m)		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

3.5SD4



PERFORMANCE DATA 50Hz

Outlet: G1"~G1½"

MODEL		P ₂		DELIVERY $n \approx 2850$ 1/min												
1~ 220V-240V	3~ 380-415V	kW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
					l/min	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