



## Applications

For water supply from wells  
 For domestic use, for car wash applications  
 For garden use and irrigation

## Operating conditions

Maximum fluid temperature: 40°C  
 Maximum sand content: 0.15%  
 Maximum immersion: 50m  
 Minimum well diameter: Ø130mm

## Motor and Pump

Rewindable motor  
 Single-phase: 220 - 240V/50Hz  
 Three-phase: 380 - 415V/50Hz  
 Equip with start control box or digital auto-control box  
 It's available to equip with floating switch  
 Curve tolerance according to ISO 9906

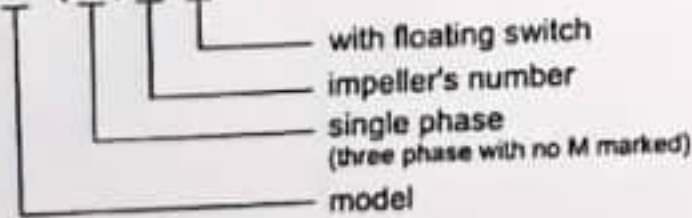
## Options on request

Special mechanical seal  
 Other voltages or frequency 60Hz

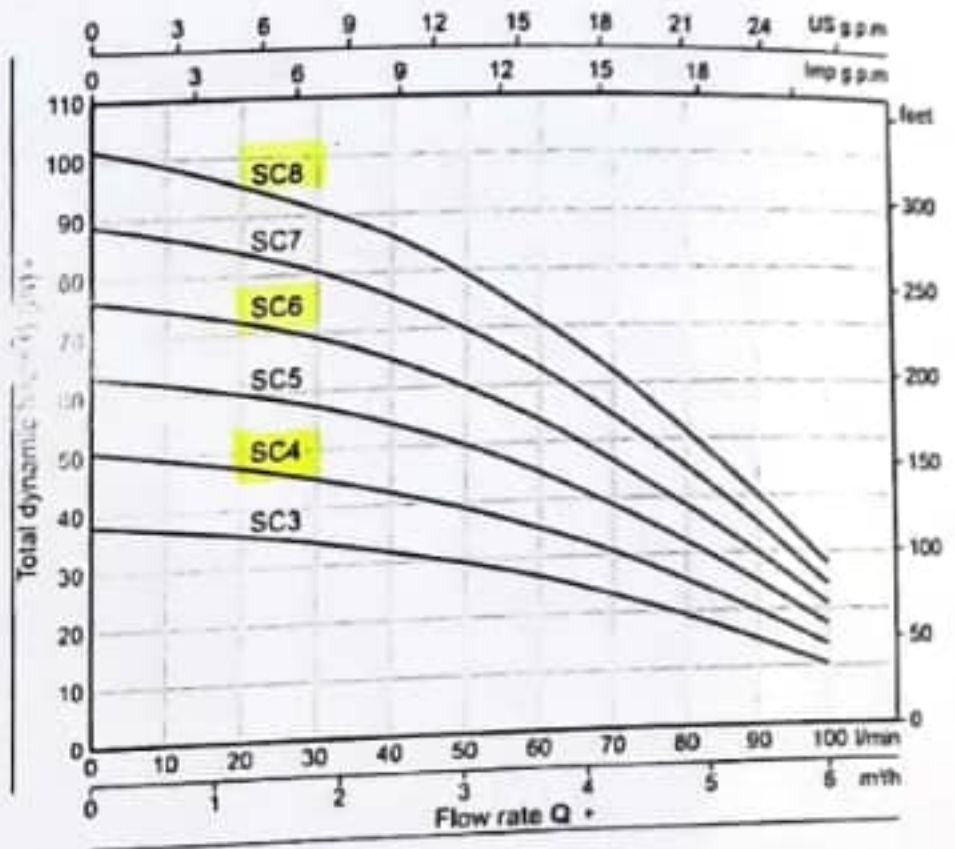
## Warranty: 2 years

(according to our general sales conditions)

### SC (M) 3(A)



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	①Plastic PPO ②AISI 304 SS
Impeller	①Plastic PPO ②AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-iron ASTM NO.30 ②AISI 420 SS
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.



## PERFORMANCE DATA 50Hz

MODEL		P <sub>2</sub>		Q	DELIVERY											
1 - 220 - 240V	3 - 380 - 415V	kW	HP		n=2850 1/min											
				H(m)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	
					0	10	20	30	40	50	60	70	80	90	100	
SCM3	SC3	0.55	0.75		38	37	36	35	33	30	27	23	19	15	11	
SCM4	SC4	0.75	1		51	50	49	47	44	41	36	31	25	20	14	
SCM5	SC5	0.92	1.25		64	62	61	59	55	51	45	39	31	25	18	
SCM6	SC6	1.1	1.5		77	74	73	71	66	61	54	46	37	30	21	
SCM7	SC7	1.3	1.75		89	87	85	82	77	71	63	54	44	35	25	
SCM8	SC8	1.5	2		102	99	97	94	88	81	72	62	50	40	28	



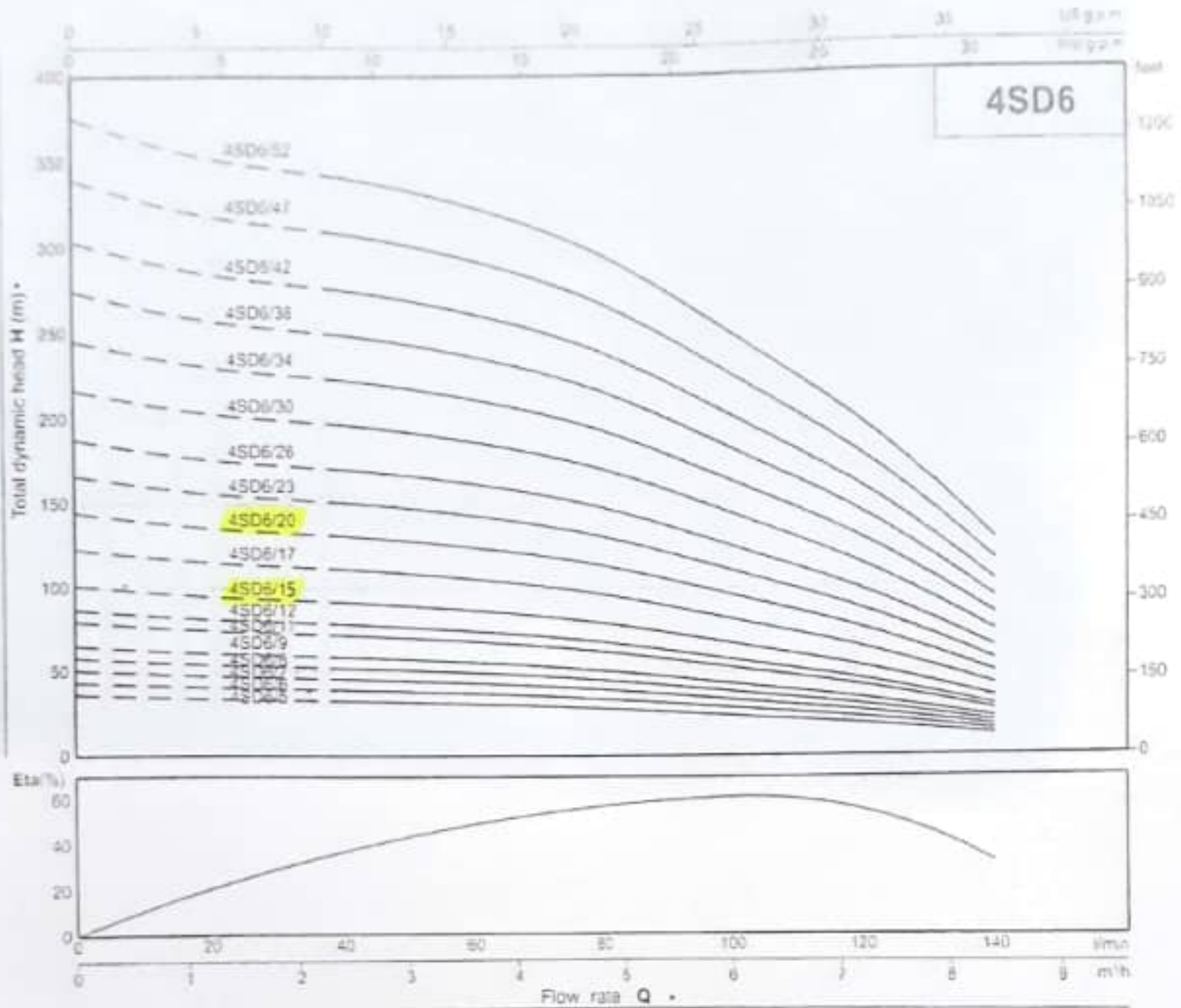


# DONGYIN®



## PERFORMANCE DATA 50Hz

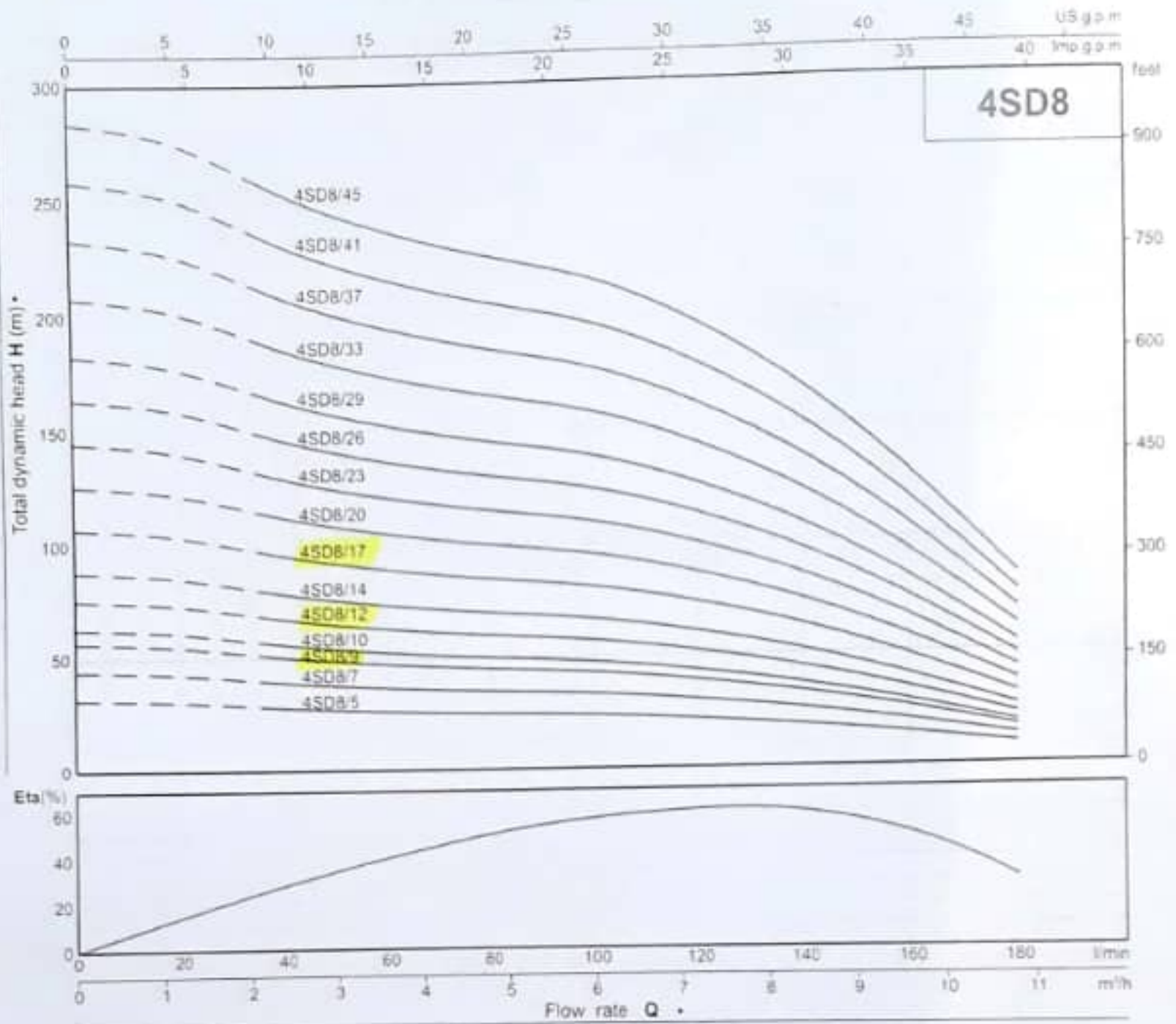
MODEL		P <sub>2</sub>		DELIVERY										n ≈ 2850 1/min			
1 - 220 - 240V	3 - 380 - 415V	kW	HP	Q	H(m)												
					0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4				
				l/min	0	30	60	90	120	150	180	210	240				
4SDM10/5	4SD10/5	0.75	1		31	30	28	27	25	22	18	13	7				
4SDM10/6	4SD10/6	1.1	1.5		37	36	34	32	30	26	22	15	9				
4SDM10/7	4SD10/7	1.1	1.5		43	42	39	38	35	31	25	18	10				
4SDM10/9	4SD10/9	1.5	2		49	48	45	43	40	35	29	21	12				
4SDM10/10	4SD10/10	1.5	2		62	59	56	54	50	44	36	26	14				
4SDM10/13	4SD10/13	2.2	3		74	71	68	64	60	53	43	31	17				
4SDM10/14	4SD10/14	2.2	3		86	83	79	75	70	62	51	36	20				
4SDM10/16	4SD10/16	3	4		99	95	90	86	80	71	58	41	23				
-	4SD10/18	3	4		111	107	101	96	90	79	65	46	26				
-	4SD10/20	4	5.5		123	119	113	107	100	88	72	52	29				
-	4SD10/22	4	5.5		136	131	124	118	110	97	79	57	32				
-	4SD10/25	5.5	7.5		154	149	141	134	125	110	90	65	36				
-	4SD10/28	5.5	7.5		173	168	158	150	140	124	101	72	40				
-	4SD10/32	7.5	10		197	190	180	172	160	141	116	83	46				
-	4SD10/36	7.5	10		222	214	203	193	180	159	130	93	52				



## PERFORMANCE DATA 50Hz

MODEL		$P_2$		DELIVERY $n \approx 2850$ 1/min									
1- 220 - 240V	3- 380 - 415V	kW	HP	$Q$ $\frac{m^3/h}{l/min}$	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	
					0	20	40	60	80	100	120	140	
4SDM6/5	4SD6/5	0.37	0.5	$H(m)$	36	34	33	31	28	24	19	12	
4SDM6/6	4SD6/6	0.55	0.75		43	41	39	37	34	29	23	15	
4SDM6/7	4SD6/7	0.75	1		51	47	46	44	40	33	26	17	
4SDM6/8	4SD6/8	0.75	1		58	54	52	50	45	38	30	20	
4SDM6/9	4SD6/9	1.1	1.5		65	61	59	56	51	43	34	22	
4SDM6/11	4SD6/11	1.1	1.5		80	74	72	69	62	52	41	27	
4SDM6/12	4SD6/12	1.5	2		87	81	79	75	68	57	45	29	
4SDM6/15	4SD6/15	1.5	2		101	95	92	87	79	67	53	34	
4SDM6/17	4SD6/17	2.2	3		123	115	111	106	96	81	64	42	
4SDM6/20	4SD6/20	2.2	3		145	135	131	125	113	95	75	49	
4SDM6/23	4SD6/23	3	4		166	156	151	143	130	110	87	56	
-	4SD6/26	3	4		188	176	171	162	147	124	98	63	
-	4SD6/30	4	5.5		217	203	197	187	170	143	113	73	
-	4SD6/34	4	5.5		246	230	223	212	193	162	128	83	
-	4SD6/38	5.5	7.5		275	257	249	237	216	181	143	93	
-	4SD6/42	5.5	7.5	304	284	275	262	238	200	158	103		
-	4SD6/47	7.5	10	340	318	309	293	267	224	177	115		
-	4SD6/52	7.5	10	376	352	341	324	295	248	195	127		

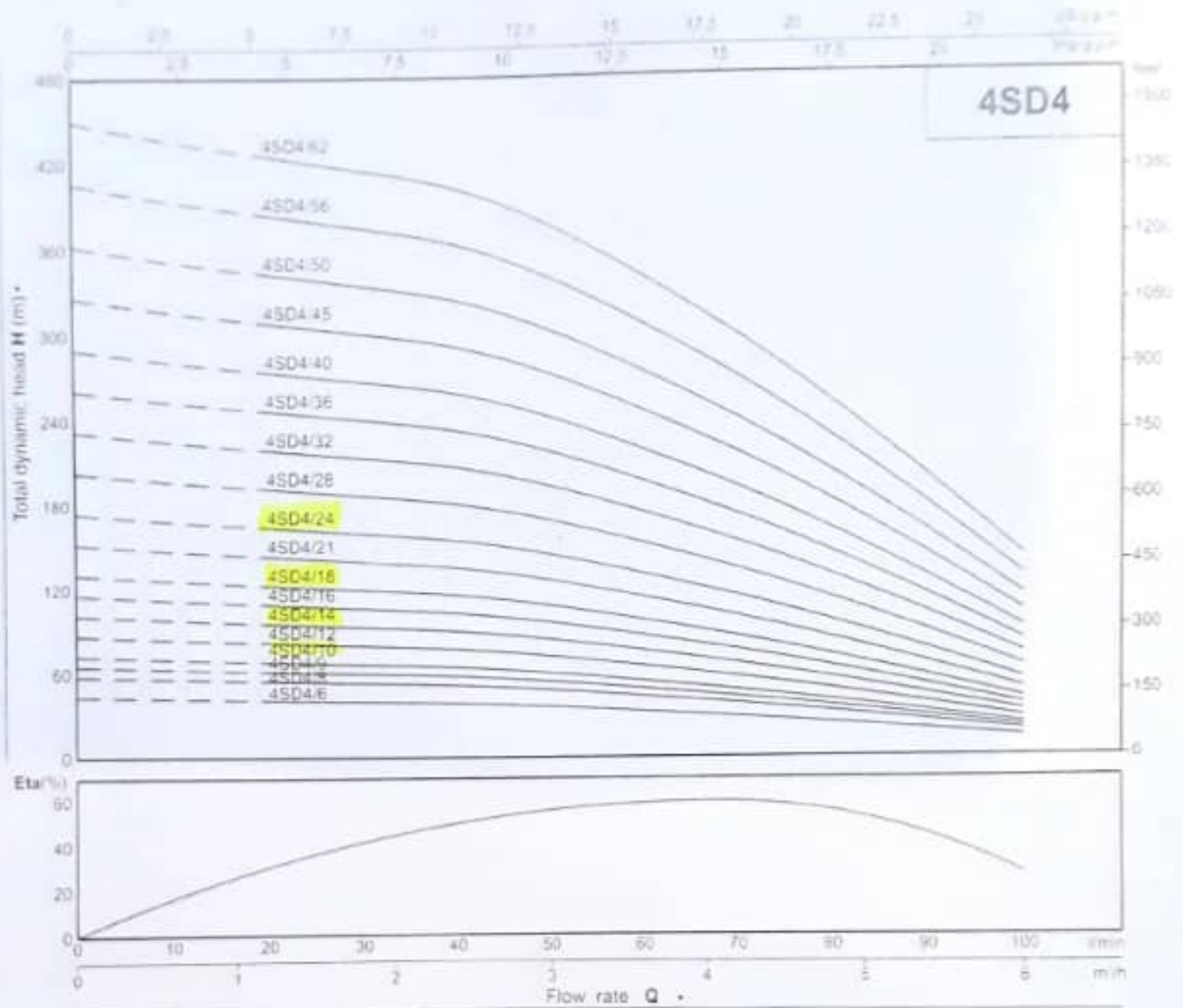




## PERFORMANCE DATA 50Hz

MODEL		P <sub>2</sub>		DELIVERY																					
				n ≈ 2850 1/min																					
1- 220 - 240V	3- 380 - 415V	kW	HP	Q m <sup>3</sup> /h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	0	20	40	60	80	100	120	140	160	180	
					H(m)																				
4SDM8/5	4SD8/5	0.55	0.75	H(m)	32	31	28	26	25	24	22	18	14	9	32	31	28	26	25	24	22	18	14	9	
4SDM8/6	4SD8/6	0.75	1		38	37	34	32	30	29	26	22	17	11	38	37	34	32	30	29	26	22	17	11	
4SDM8/7	4SD8/7	0.75	1		44	43	39	37	35	33	30	26	20	13	44	43	39	37	35	33	30	26	20	13	
4SDM8/8	4SD8/8	1.1	1.5		50	49	45	42	40	38	35	30	23	15	50	49	45	42	40	38	35	30	23	15	
4SDM8/9	4SD8/9	1.1	1.5		57	55	51	47	45	43	39	33	26	17	57	55	51	47	45	43	39	33	26	17	
4SDM8/10	4SD8/10	1.5	2		63	61	56	53	50	48	43	37	28	18	63	61	56	53	50	48	43	37	28	18	
4SDM8/12	4SD8/12	1.5	2		76	73	67	63	60	57	52	44	34	22	76	73	67	63	60	57	52	44	34	22	
4SDM8/14	4SD8/14	2.2	3		88	86	79	74	70	67	61	52	40	26	88	86	79	74	70	67	61	52	40	26	
4SDM8/17	4SD8/17	2.2	3		107	104	96	90	85	81	74	63	48	31	107	104	96	90	85	81	74	63	48	31	
4SDM8/20	4SD8/20	3	4		126	122	112	105	100	95	87	74	57	37	126	122	112	105	100	95	87	74	57	37	
-	4SD8/23	3	4		145	141	129	121	115	109	100	85	65	42	145	141	129	121	115	109	100	85	65	42	
-	4SD8/26	4	5.5		164	159	146	137	130	124	113	96	74	48	164	159	146	137	130	124	113	96	74	48	
-	4SD8/29	4	5.5		183	177	163	153	145	138	126	107	82	53	183	177	163	153	145	138	126	107	82	53	
-	4SD8/33	5.5	7.5		208	202	186	174	165	157	143	122	94	61	208	202	186	174	165	157	143	122	94	61	
-	4SD8/37	5.5	7.5		234	228	208	195	185	178	160	136	105	68	234	228	208	195	185	178	160	136	105	68	
-	4SD8/41	7.5	10	259	251	231	216	205	195	178	151	117	76	259	251	231	216	205	195	178	151	117	76		
-	4SD8/45	7.5	10	284	275	253	237	225	214	195	166	128	83	284	275	253	237	225	214	195	166	128	83		





## PERFORMANCE DATA 50Hz

MODEL		P <sub>2</sub>		DELIVERY													
				n ≈ 2850 1/min													
1- 220 - 240V	3- 380 - 415V	kW	HP	Q	m <sup>3</sup> /h												
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0		
				l/min	0	10	20	30	40	50	60	70	80	90	100		
4SDM4/6	4SD4/6	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14		
4SDM4/8	4SD4/8	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18		
4SDM4/9	4SD4/9	0.75	1		65	63	62	60	58	55	49	44	37	29	21		
4SDM4/10	4SD4/10	0.75	1		73	70	69	67	65	61	55	48	41	32	23		
4SDM4/12	4SD4/12	1.1	1.5		87	84	82	81	78	73	66	58	49	39	27		
4SDM4/14	4SD4/14	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32		
4SDM4/16	4SD4/16	1.5	2		116	113	110	107	104	97	88	77	65	51	37		
4SDM4/18	4SD4/18	1.5	2		131	127	124	121	117	109	99	87	73	58	41		
4SDM4/21	4SD4/21	2.2	3		152	148	144	141	136	128	115	102	85	67	48		
4SDM4/24	4SD4/24	2.2	3		174	169	165	161	156	146	132	116	98	77	55		
4SDM4/28	4SD4/28	3	4		203	197	192	188	182	170	154	135	114	90	64		
-	4SD4/32	3	4		232	225	220	215	208	195	176	155	130	103	73		
-	4SD4/36	4	5.5		261	253	247	242	234	219	198	174	146	116	82		
-	4SD4/40	4	5.5		290	281	275	268	260	243	220	194	163	128	92		
-	4SD4/45	5.5	7.5		327	316	309	302	293	274	248	218	183	144	103		
-	4SD4/50	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115		
-	4SD4/56	7.5	10	406	394	385	376	364	341	308	271	228	180	128			
-	4SD4/62	7.5	10	450	436	426	416	403	377	341	300	252	199	142			