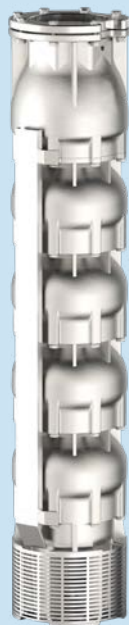


6LR & 6LM lines

Deepwell Borehole



6LR line



6LM line



Submersible multistage centrifugal pumps for 6" wells. Check valve built into the delivery outlet. Pump flange for coupling with motors are made according to NEMA standards. Most common applications are civil and agricultural. All components are made of stainless steel with lost wax Microfusion technology. The standard material is AISI 304 stainless steel, alternatively the following materials are available on request: AISI 316 Steel, Duplex steel, AISI 904L Steel. Bushing bearings and wear-rings made of sand abrasion-resistant rubber, reverse-Thrust ring in PTFE/ Graphite.

General operating data:

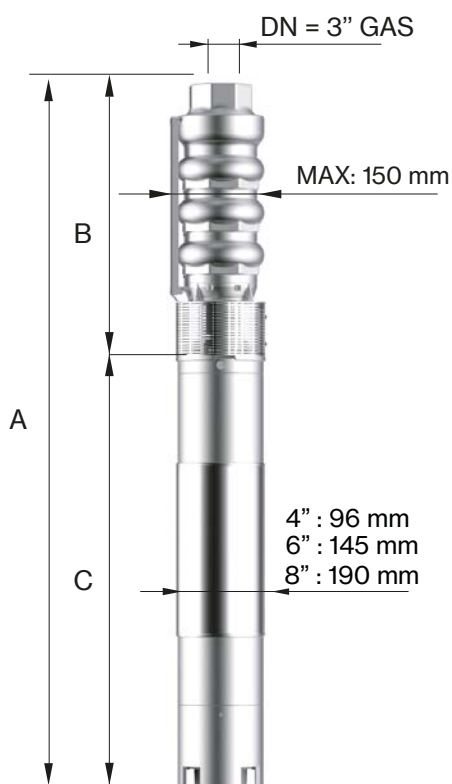
- Capacity up to 860 m³/h
- Pressure up to 800 m
- Hydraulic efficiency 6", up to 79,5%
- Pressure up to 80 bar
- Powers up to 400 kW
- Rotation speed up to 3600 rpm
- Maximum depth: 350 m
- Maximum quantity of permitted sand: 100 gr/m³
- Drinking water compatibility according to DM174 MEI >= 0,4 (EU directive No.547/2012)
- Performance tolerance: ISO9906-3B.

Construction features

Suction and delivery outlet	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Valve	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Impellers and diffusers	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Upper bushings	NBR rubber
Shaft pump side	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Quantity of sand in the water	max 100 g/m ³



Motor 50 Hz - 2900 rpm				Q								
TYPE	Power		400 V	l/min	0	66	100	150	200	250	300	350
	HP	kW			A	l/sec	1,1	1,7	2,5	3,3	4,2	5,0
			m ³ /h	0		4	6	9	12	15	18	21
6LR 14/01	1	0,75	2,2	H[m]	15	14	14	14	13	12	10	9
6LR 14/02	2	1,5	4,0		29	29	28	27	25	23	20	17
6LR 14/03	3	2,2	5,5		44	43	42	41	38	35	31	26
6LR 14/04	4	3	7,5		58	57	56	54	50	46	41	34
6LR 14/05	5,5	4	10,0		73	71	70	68	63	58	51	43
6LR 14/06	7,5	5,5	12,5		87	86	84	81	75	69	61	51
6LR 14/07	7,5	5,5	12,5		102	100	98	95	88	81	71	60
6LR 14/08	10	7,5	16,3		116	114	112	108	100	92	82	68
6LR 14/09	10	7,5	16,3		131	128	126	122	113	104	92	77
6LR 14/10	10	7,5	16,3		145	143	140	135	125	115	102	85
6LR 14/11	12,5	9,2	19,9		160	157	154	149	138	127	112	94
6LR 14/12	12,5	9,2	19,9		174	171	168	162	150	138	122	102
6LR 14/13	15	11	23,4		189	185	182	176	163	150	133	111
6LR 14/14	15	11	23,4		203	200	196	189	175	161	143	119
6LR 14/15	17,5	13	27,3		218	214	210	203	188	173	153	128
6LR 14/16	17,5	13	27,3		232	228	224	216	200	184	163	136
6LR 14/17	17,5	13	27,3		247	242	238	230	213	196	173	145
6LR 14/18	20	15	31,5		261	257	252	243	225	207	184	153
6LR 14/19	20	15	31,5		276	271	266	257	238	219	194	162
6LR 14/20	20	15	31,5		290	285	280	270	250	230	204	170
6LR 14/21	25	18,5	38,3		305	299	294	284	263	242	214	179
6LR 14/22	25	18,5	38,3		319	314	308	297	275	253	224	187
6LR 14/23	25	18,5	38,3		334	328	322	311	288	265	235	196
6LR 14/24	25	18,5	38,3		348	342	336	324	300	276	245	204
6LR 14/25	25	18,5	38,3		363	356	350	338	313	288	255	213

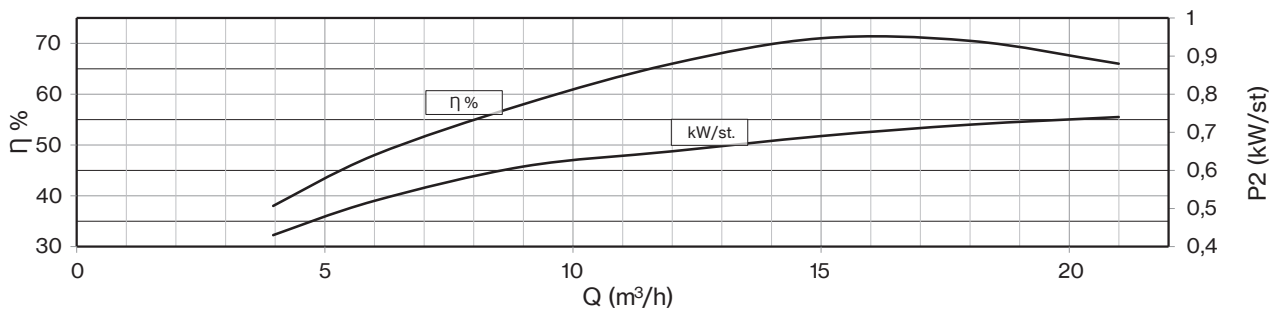
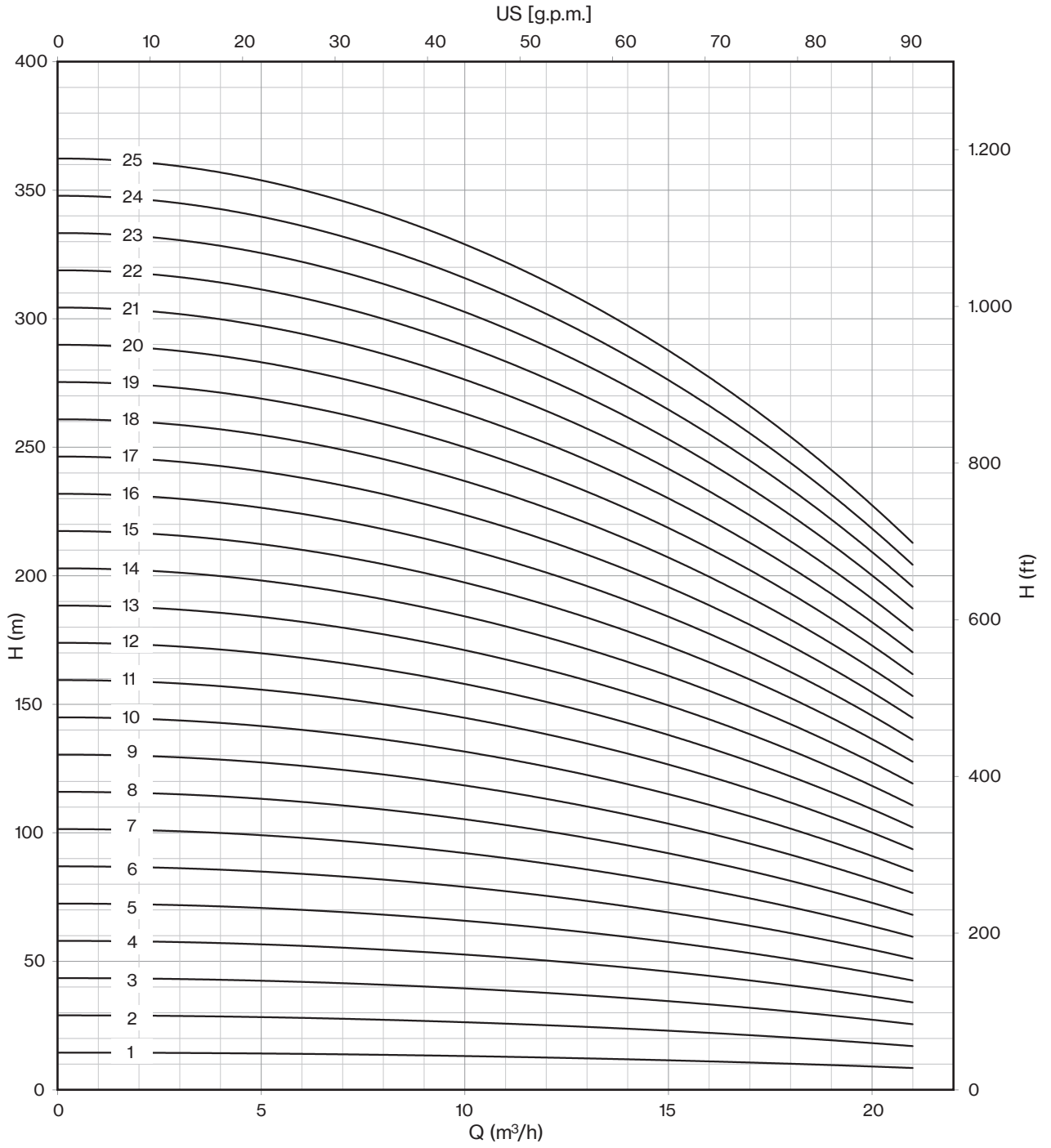


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
6LR 14/01	614	277	337	10	9
6LR 14/02	736	344	392	13	12
6LR 14/03	863	411	452	15	16
6LR 14/04	1035	478	557	19	19
6LR 14/05	1142	545	597	22	23
6LR 14/06	1310	612	698	27	27
6LR 14/07	1377	679	698	27	30
6LR 14/08	1472	771	701	55	35
6LR 14/09	1539	838	701	55	39
6LR 14/10	1606	905	701	55	43
6LR 14/11	1723	972	751	60	46
6LR 14/12	1790	1039	751	60	50
6LR 14/13	1917	1106	811	65	53
6LR 14/14	1984	1173	811	65	57
6LR 14/15	2081	1240	841	70	61
6LR 14/16	2148	1307	841	70	64
6LR 14/17	2215	1374	841	70	68
6LR 14/18	2372	1441	931	75	71
6LR 14/19	2439	1508	931	75	75
6LR 14/20	2506	1575	931	75	79
6LR 14/21	2633	1642	991	83	82
6LR 14/22	2700	1709	991	83	86
6LR 14/23	2767	1776	991	83	89
6LR 14/24	2834	1843	991	83	93
6LR 14/25	2901	1910	991	83	97

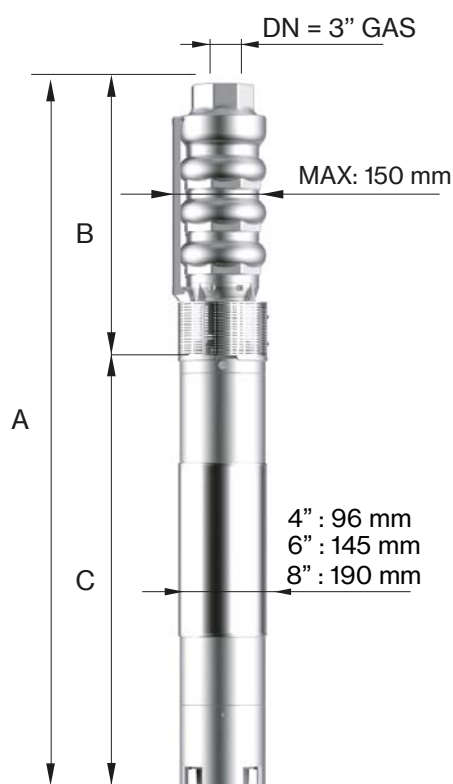
Max Eff. % =	71
Max kW / St. =	0,74

Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4	6

6LR 14



Motor 50 Hz - 2900 rpm				Q								
TYPE	Power		400 V	l/min	0	66	100	150	200	250	300	350
	HP	kW			A	l/sec	1,1	1,7	2,5	3,3	4,2	5,0
			m ³ /h	0		4	6	9	12	15	18	21
6LR 14/26	30	22	45,1	H[m]	377	371	364	351	325	299	265	221
6LR 14/27	30	22	45,1		392	385	378	365	338	311	275	230
6LR 14/28	30	22	45,1		406	399	392	378	350	322	286	238
6LR 14/29	30	22	45,1		421	413	406	392	363	334	296	247
6LR 14/30*	35	26	52,9		435	428	420	405	375	345	306	255
6LR 14/31*	35	26	52,9		450	442	434	419	388	357	316	264
6LR 14/32*	35	26	52,9		464	456	448	432	400	368	326	272
6LR 14/33*	35	26	52,9		479	470	462	446	413	380	337	281
6LR 14/34*	35	26	52,9		493	485	476	459	425	391	347	289
6LR 14/35*	35	26	52,9		508	499	490	473	438	403	357	298
6LR 14/36*	40	30	61,1		522	513	504	486	450	414	367	306
6LR 14/37*	40	30	61,1		537	527	518	500	463	426	377	315
6LR 14/38*	40	30	61,1		551	542	532	513	475	437	388	323
6LR 14/39*	40	30	61,1		566	556	546	527	488	449	398	332
6LR 14/40*	40	30	61,1		580	570	560	540	500	460	408	340
6LR 14/41*	50	37	75,8		595	584	574	554	513	472	418	349
6LR 14/42*	50	37	75,8		609	599	588	567	525	483	428	357
6LR 14/43*	50	37	75,8		624	613	602	581	538	495	439	366
6LR 14/44*	50	37	75,8		638	627	616	594	550	506	449	374
6LR 14/45*	50	37	75,8		653	641	630	608	563	518	459	383
6LR 14/46*	50	37	75,8		667	656	644	621	575	529	469	391
6LR 14/47*	50	37	75,8		682	670	658	635	588	541	479	400
6LR 14/48*	50	37	75,8		696	684	672	648	600	552	490	408
6LR 14/49*	50	37	75,8		711	698	686	662	613	564	500	417
6LR 14/50*	50	37	75,8		725	713	700	675	625	575	510	425



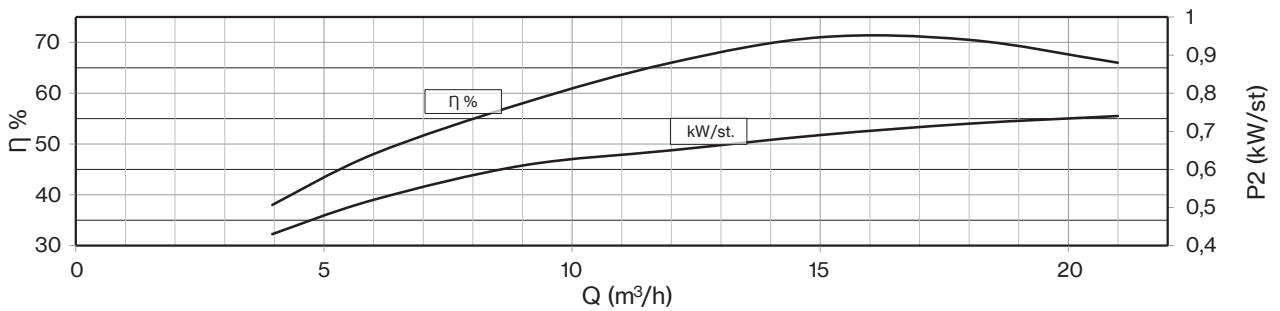
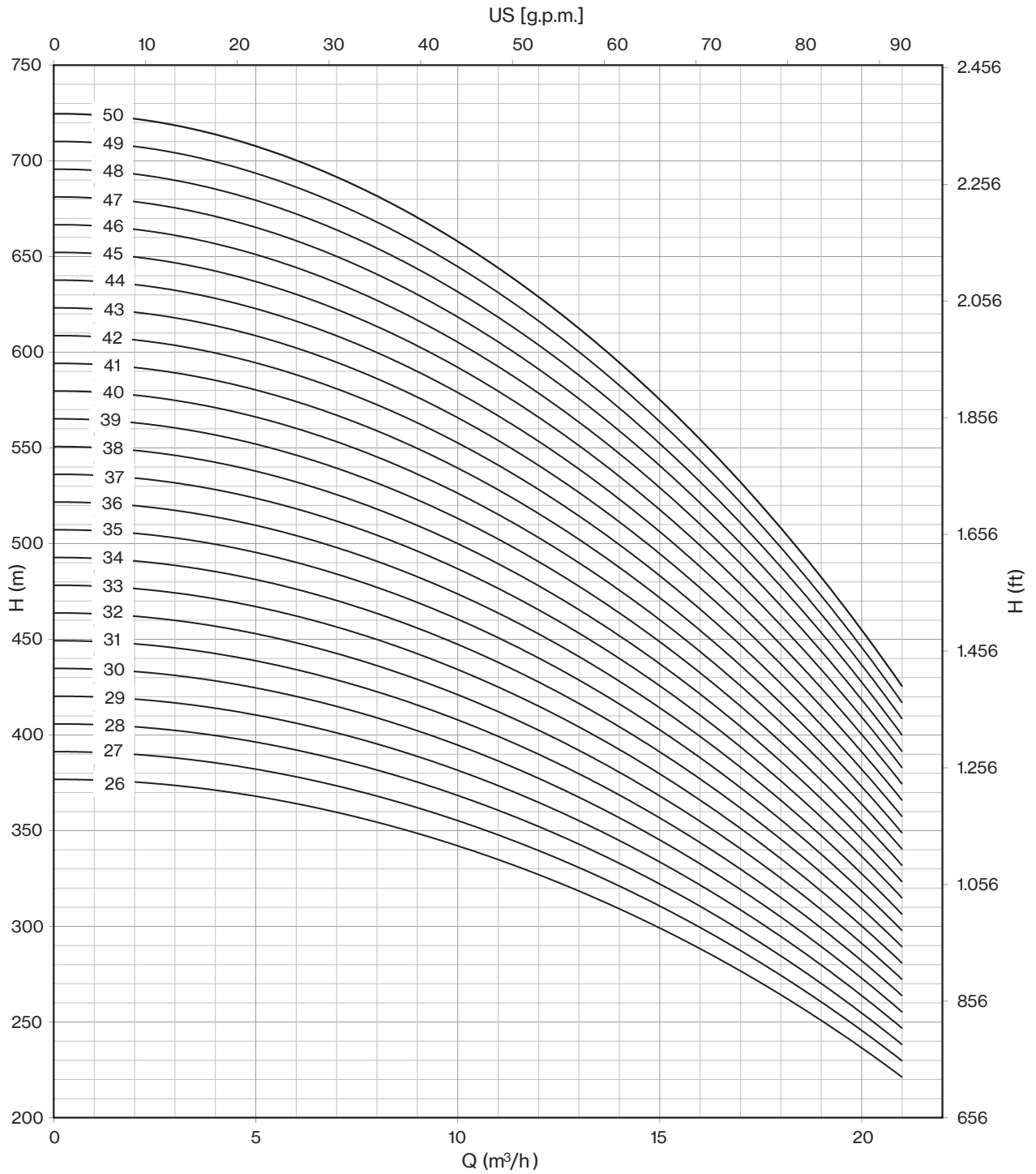
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LR 14/26	3048	1977	1071	92	99
6LR 14/27	3115	2044	1071	92	102
6LR 14/28	3182	2111	1071	92	106
6LR 14/29	3249	2178	1071	92	109
6LR 14/30*	3506	2325	1181	100	117
6LR 14/31*	3573	2392	1181	100	120
6LR 14/32*	3640	2459	1181	100	124
6LR 14/33*	3707	2526	1181	100	127
6LR 14/34*	3774	2593	1181	100	131
6LR 14/35*	3841	2660	1181	100	135
6LR 14/36*	3978	2727	1251	108	138
6LR 14/37*	4045	2794	1251	108	142
6LR 14/38*	4112	2861	1251	108	145
6LR 14/39*	4179	2928	1251	108	149
6LR 14/40*	4246	2995	1251	108	153
6LR 14/41*	4403	3062	1341	118	156
6LR 14/42*	4470	3129	1341	118	160
6LR 14/43*	4537	3196	1341	118	163
6LR 14/44*	4604	3263	1341	118	167
6LR 14/45*	4671	3330	1341	118	171
6LR 14/46*	4738	3397	1341	118	174
6LR 14/47*	4805	3464	1341	118	178
6LR 14/48*	4872	3531	1341	118	181
6LR 14/49*	4939	3598	1341	118	185
6LR 14/50*	5006	3665	1341	118	189

Max Eff. % =	71
Max kW / St. =	0,74

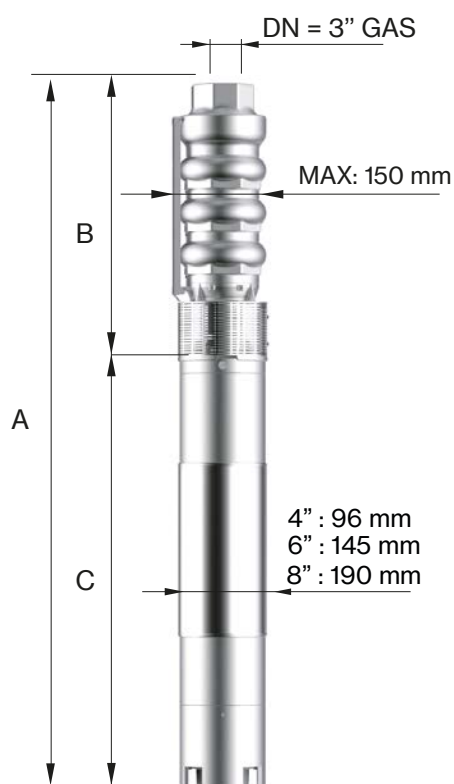
Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4	6

* Coupled pump shaft

6LR 14



Motor 50 Hz - 2900 rpm				Q										
TYPE	Power		400 V	H[m]	0	100	150	200	250	300	350	400	450	
	HP	kW	A		l/min	0	1,7	2,5	3,3	4,2	5,0	5,8	6,7	7,5
					l/sec	0	6	9	12	15	18	21	24	27
6LR 20/01	2	1,5	4,0	H[m]	16	15	14	14	13	12	11	9	7	
6LR 20/02	3	2,2	5,5		31	30	28	28	26	25	22	19	15	
6LR 20/03	4	3	7,5		47	45	42	41	40	37	33	28	22	
6LR 20/04	5,5	4	10,0		62	60	56	55	53	49	44	37	29	
6LR 20/05	7,5	5,5	12,5		78	75	71	69	66	62	55	47	37	
6LR 20/06	7,5	5,5	12,5		93	90	85	83	79	74	66	56	44	
6LR 20/07	10	7,5	16,3		109	105	99	97	92	86	77	65	51	
6LR 20/08	10	7,5	16,3		124	120	113	110	106	98	88	74	58	
6LR 20/09	12,5	9,2	19,9		140	135	127	124	119	111	99	84	66	
6LR 20/10	12,5	9,2	19,9		155	150	141	138	132	123	110	93	73	
6LR 20/11	15	11	23,4		171	165	155	152	145	135	121	102	80	
6LR 20/12	15	11	23,4		186	180	169	166	158	148	132	112	88	
6LR 20/13	17,5	13	27,3		202	195	183	179	172	160	143	121	95	
6LR 20/14	17,5	13	27,3		217	210	197	193	185	172	154	130	102	
6LR 20/15	20	15	31,5		233	225	212	207	198	185	165	140	110	
6LR 20/16	20	15	31,5		248	240	226	221	211	197	176	149	117	
6LR 20/17	25	18,5	38,3		264	255	240	235	224	209	187	158	124	
6LR 20/18	25	18,5	38,3		279	270	254	248	238	221	198	167	131	
6LR 20/19	25	18,5	38,3		295	285	268	262	251	234	209	177	139	
6LR 20/20	25	18,5	38,3		310	300	282	276	264	246	220	186	146	
6LR 20/21	30	22	45,1		326	315	296	290	277	258	231	195	153	
6LR 20/22	30	22	45,1		341	330	310	304	290	271	242	205	161	
6LR 20/23	30	22	45,1		357	345	324	317	304	283	253	214	168	
6LR 20/24	30	22	45,1		372	360	338	331	317	295	264	223	175	

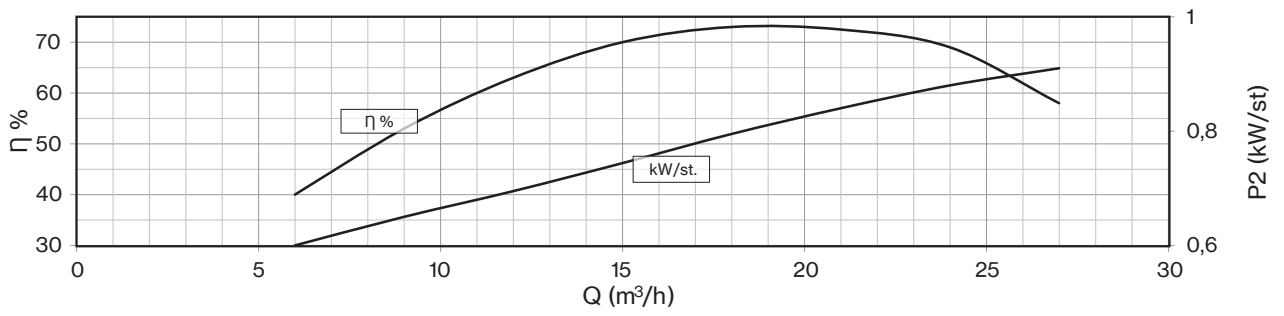
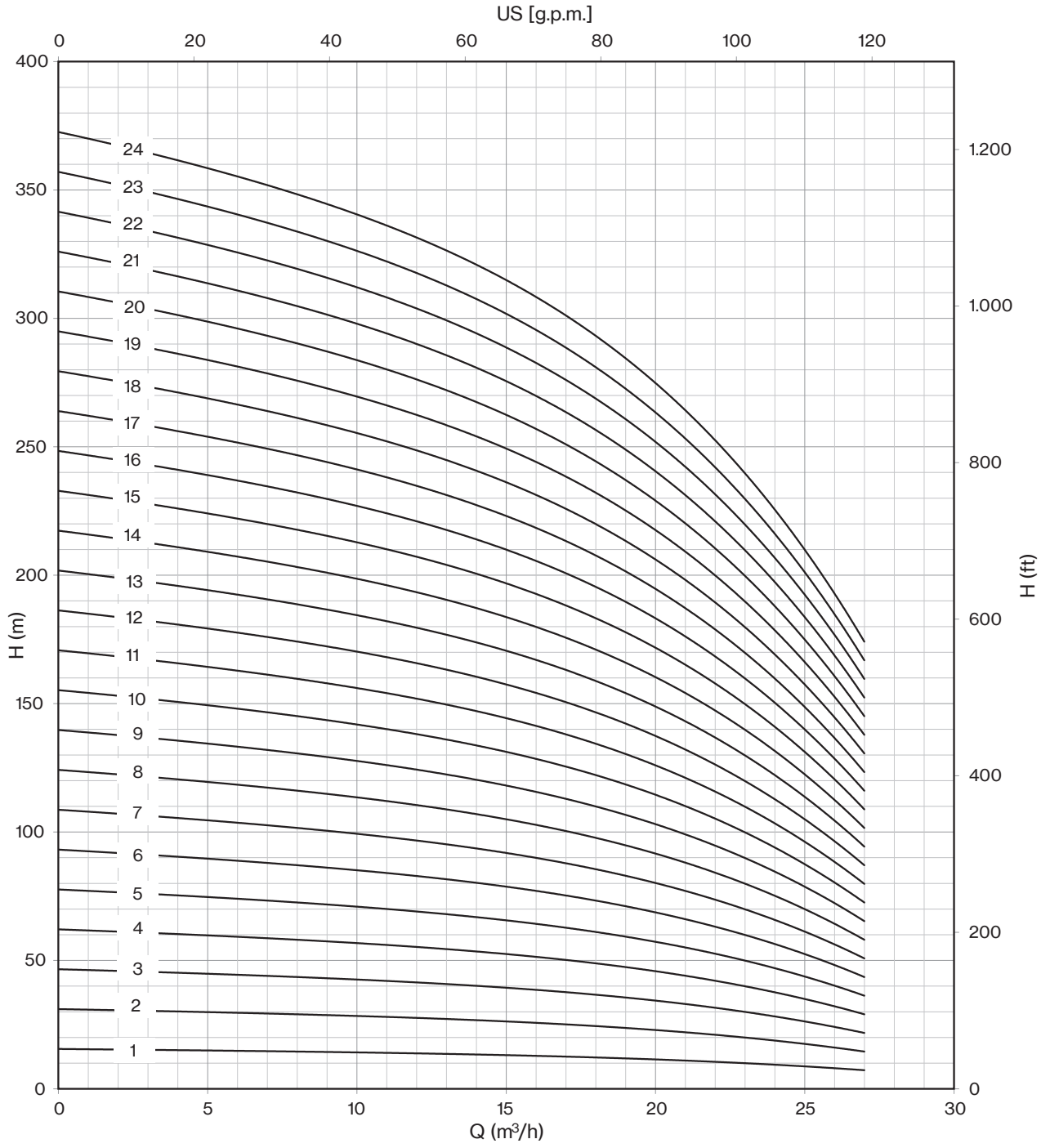


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
6LR 20/01	669	277	392	13	9
6LR 20/02	796	344	452	15	12
6LR 20/03	968	411	557	19	16
6LR 20/04	1075	478	597	22	19
6LR 20/05	1243	545	698	27	23
6LR 20/06	1310	612	698	27	27
6LR 20/07	1405	704	701	55	32
6LR 20/08	1472	771	701	55	35
6LR 20/09	1589	838	751	60	39
6LR 20/10	1656	905	751	60	43
6LR 20/11	1783	972	811	65	46
6LR 20/12	1850	1039	811	65	50
6LR 20/13	1947	1106	841	70	53
6LR 20/14	2014	1173	841	70	57
6LR 20/15	2171	1240	931	75	61
6LR 20/16	2238	1307	931	75	64
6LR 20/17	2365	1374	991	83	68
6LR 20/18	2432	1441	991	83	71
6LR 20/19	2499	1508	991	83	75
6LR 20/20	2566	1575	991	83	79
6LR 20/21	2713	1642	1071	92	82
6LR 20/22	2780	1709	1071	92	86
6LR 20/23	2847	1776	1071	92	89
6LR 20/24	2914	1843	1071	92	93

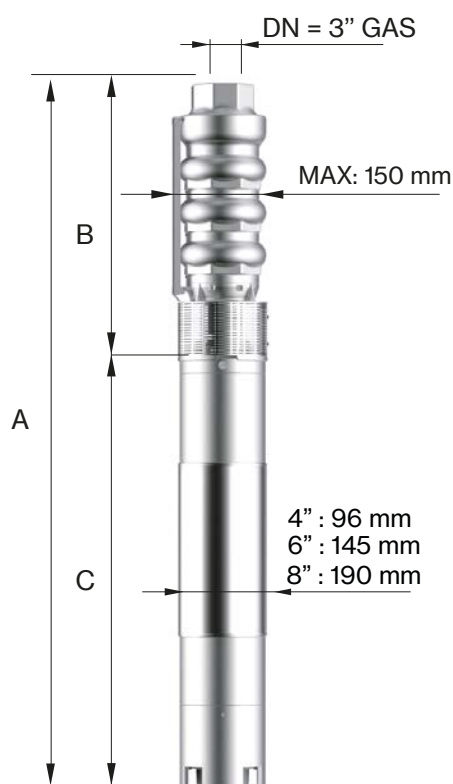
Max Eff. % =	73
Max kW / St. =	0,91

Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4	6

6LR 20



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	H[m]	0	100	150	200	250	300	350	400	450
	HP	kW	A		l/min	100	150	200	250	300	350	400	450
					l/sec	1,7	2,5	3,3	4,2	5,0	5,8	6,7	7,5
				m ³ /h	0	6	9	12	15	18	21	24	27
6LR 20/25	35	26	52,9	H[m]	388	375	353	345	330	308	275	233	183
6LR 20/26	35	26	52,9		403	390	367	359	343	320	286	242	190
6LR 20/27	35	26	52,9		419	405	381	373	356	332	297	251	197
6LR 20/28	35	26	52,9		434	420	395	386	370	344	308	260	204
6LR 20/29	40	30	61,1		450	435	409	400	383	357	319	270	212
6LR 20/30*	40	30	61,1		465	450	423	414	396	369	330	279	219
6LR 20/31*	40	30	61,1		481	465	437	428	409	381	341	288	226
6LR 20/32*	40	30	61,1		496	480	451	442	422	394	352	298	234
6LR 20/33*	40	30	61,1		512	495	465	455	436	406	363	307	241
6LR 20/34*	50	37	75,8		527	510	479	469	449	418	374	316	248
6LR 20/35*	50	37	75,8		543	525	494	483	462	431	385	326	256
6LR 20/36*	50	37	75,8		558	540	508	497	475	443	396	335	263
6LR 20/37*	50	37	75,8		574	555	522	511	488	455	407	344	270
6LR 20/38*	50	37	75,8		589	570	536	524	502	467	418	353	277
6LR 20/39*	50	37	75,8		605	585	550	538	515	480	429	363	285
6LR 20/40*	50	37	75,8		620	600	564	552	528	492	440	372	292
6LR 20/41*	60	45	86,3		636	615	578	566	541	504	451	381	299
6LR 20/42*	60	45	86,3		651	630	592	580	554	517	462	391	307
6LR 20/43*	60	45	86,3		667	645	606	593	568	529	473	400	314
6LR 20/44*	60	45	86,3		682	660	620	607	581	541	484	409	321
6LR 20/45*	60	45	86,3		698	675	635	621	594	554	495	419	329
6LR 20/46*	60	45	86,3		713	690	649	635	607	566	506	428	336
6LR 20/47*	60	45	86,3		729	705	663	649	620	578	517	437	343
6LR 20/48*	60	45	86,3		744	720	677	662	634	590	528	446	350



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
6LR 20/25	3091	1910	1181	100	97
6LR 20/26	3158	1977	1181	100	100
6LR 20/27	3225	2044	1181	100	104
6LR 20/28	3292	2111	1181	100	107
6LR 20/29	3429	2178	1251	108	111
6LR 20/30*	3576	2325	1251	108	118
6LR 20/31*	3643	2392	1251	108	122
6LR 20/32*	3710	2459	1251	108	125
6LR 20/33*	3777	2526	1251	108	129
6LR 20/34*	3934	2593	1341	118	132
6LR 20/35*	4001	2660	1341	118	136
6LR 20/36*	4068	2727	1341	118	140
6LR 20/37*	4135	2794	1341	118	143
6LR 20/38*	4257	2916	1341	118	148
6LR 20/39*	4324	2983	1341	118	151
6LR 20/40*	4391	3050	1341	118	155
6LR 20/41*	4240	3117	1123	178	159
6LR 20/42*	4307	3184	1123	178	162
6LR 20/43*	4374	3251	1123	178	166
6LR 20/44*	4441	3318	1123	178	169
6LR 20/45*	4508	3385	1123	178	173
6LR 20/46*	4575	3452	1123	178	177
6LR 20/47*	4642	3519	1123	178	180
6LR 20/48*	4709	3586	1123	178	184

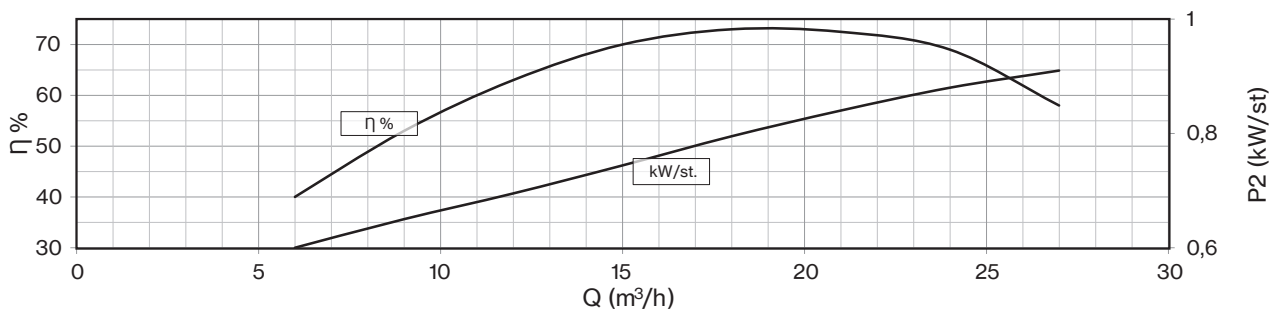
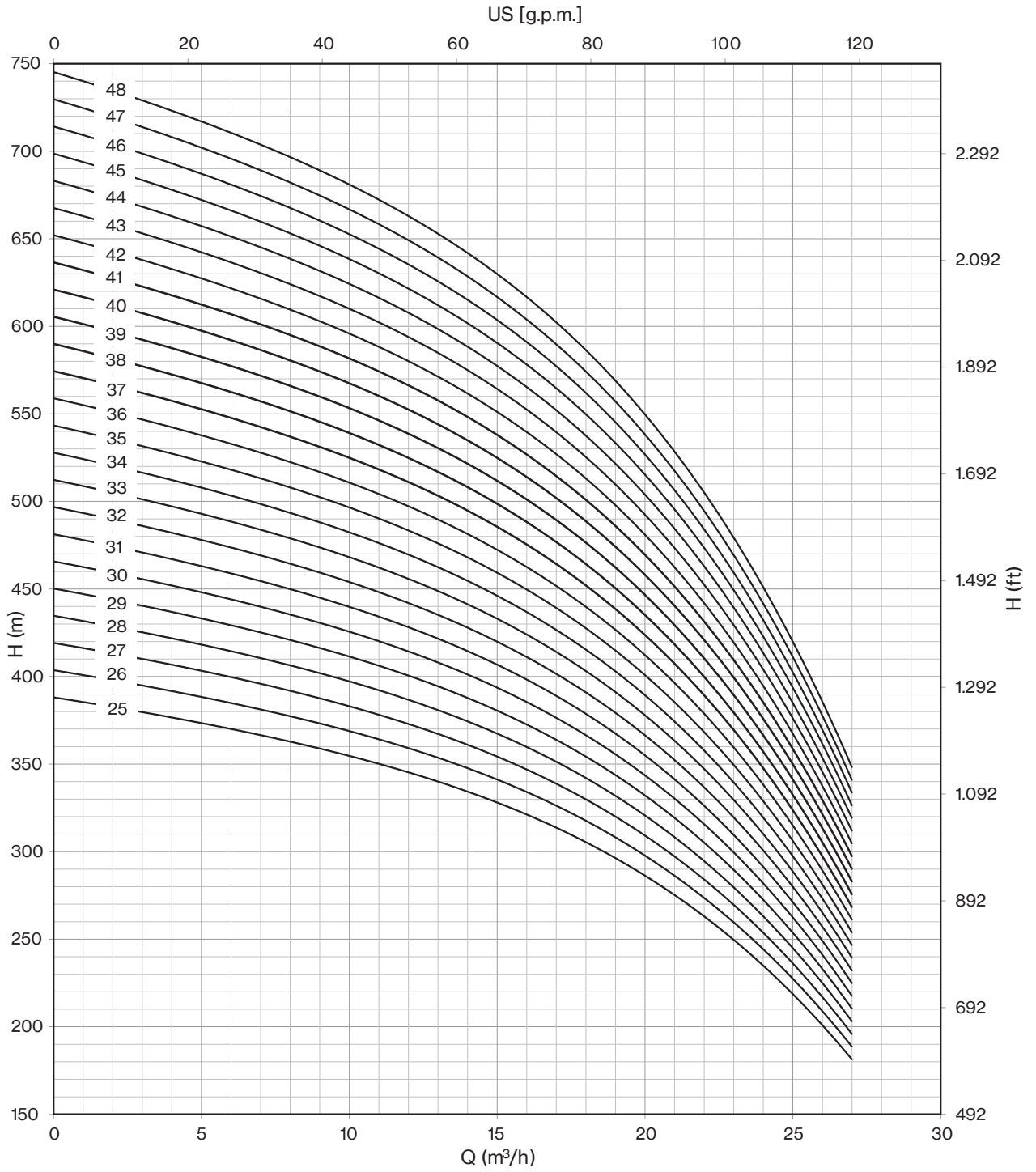
Max Eff. % =	73
Max kW / St. =	0,91

Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4	6

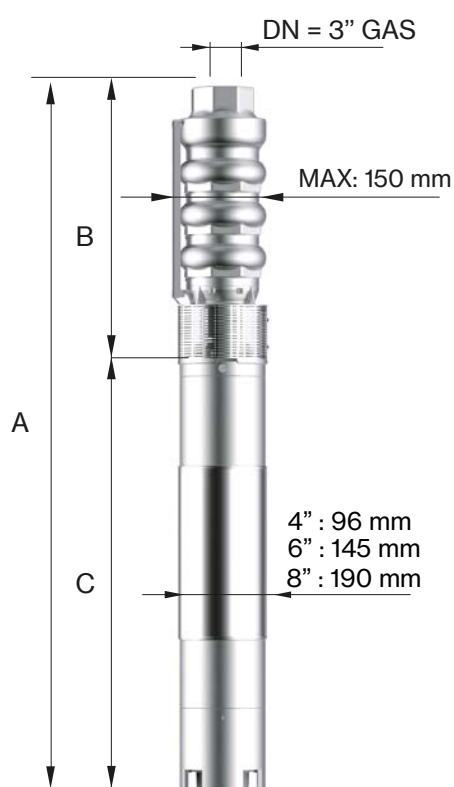
* Coupled pump shaft



6LR 20



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	I/min	0	100	200	300	350	400	450	500	550
	HP	kW		I/sec	0	1,7	3,3	5,0	5,8	6,7	7,5	8,3	9,2
			A	m ³ /h	0	6	12	18	21	24	27	30	33
6LR 25/01	2	1,5	4,0	H[m]	15	14	13	13	12	12	11	10	8
6LR 25/02	4	3	7,5		30	29	27	25	25	23	21	19	17
6LR 25/03	5,5	4	10,0		45	43	40	38	37	35	32	29	25
6LR 25/04	7,5	5,5	12,5		60	57	54	51	49	46	43	38	34
6LR 25/05	10	7,5	16,3		75	72	67	64	62	58	54	48	42
6LR 25/06	10	7,5	16,3		90	86	80	76	74	70	64	57	50
6LR 25/07	12,5	9,2	19,9		105	100	94	89	86	81	75	67	59
6LR 25/08	12,5	9,2	19,9		120	114	107	102	98	93	86	76	67
6LR 25/09	15	11	23,4		135	129	121	114	111	104	96	86	76
6LR 25/10	17,5	13	27,3		150	143	134	127	123	116	107	95	84
6LR 25/11	17,5	13	27,3		165	157	147	140	135	128	118	105	92
6LR 25/12	20	15	31,5		180	172	161	152	148	139	128	114	101
6LR 25/13	20	15	31,5		195	186	174	165	160	151	139	124	109
6LR 25/14	25	18,5	38,3		210	200	188	178	172	162	150	133	118
6LR 25/15	25	18,5	38,3		225	215	201	191	185	174	161	143	126
6LR 25/16	25	18,5	38,3		240	229	214	203	197	186	171	152	134
6LR 25/17	30	22	45,1		255	243	228	216	209	197	182	162	143
6LR 25/18	30	22	45,1		270	257	241	229	221	209	193	171	151
6LR 25/19	30	22	45,1		285	272	255	241	234	220	203	181	160
6LR 25/20	35	26	52,9		300	286	268	254	246	232	214	190	168
6LR 25/21	35	26	52,9		315	300	281	267	258	244	225	200	176
6LR 25/22	35	26	52,9		330	315	295	279	271	255	235	209	185
6LR 25/23	40	30	61,1		345	329	308	292	283	267	246	219	193
6LR 25/24	40	30	61,1		360	343	322	305	295	278	257	228	202
6LR 25/25	40	30	61,1		375	358	335	318	308	290	268	238	210

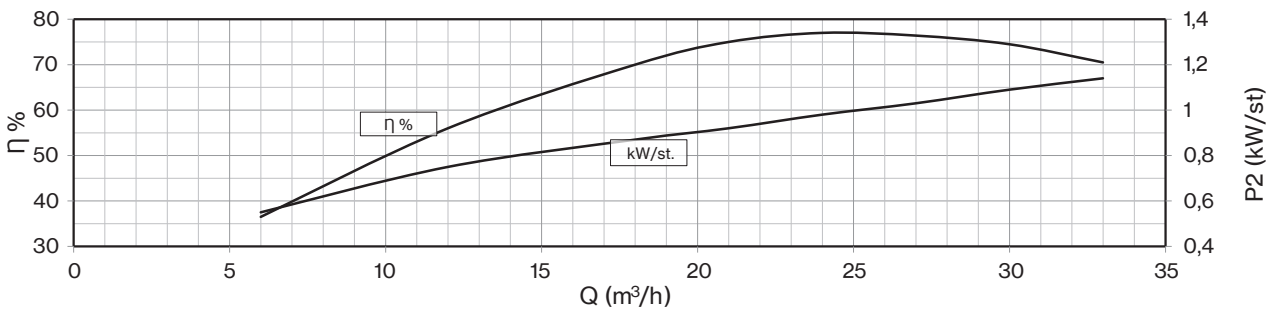
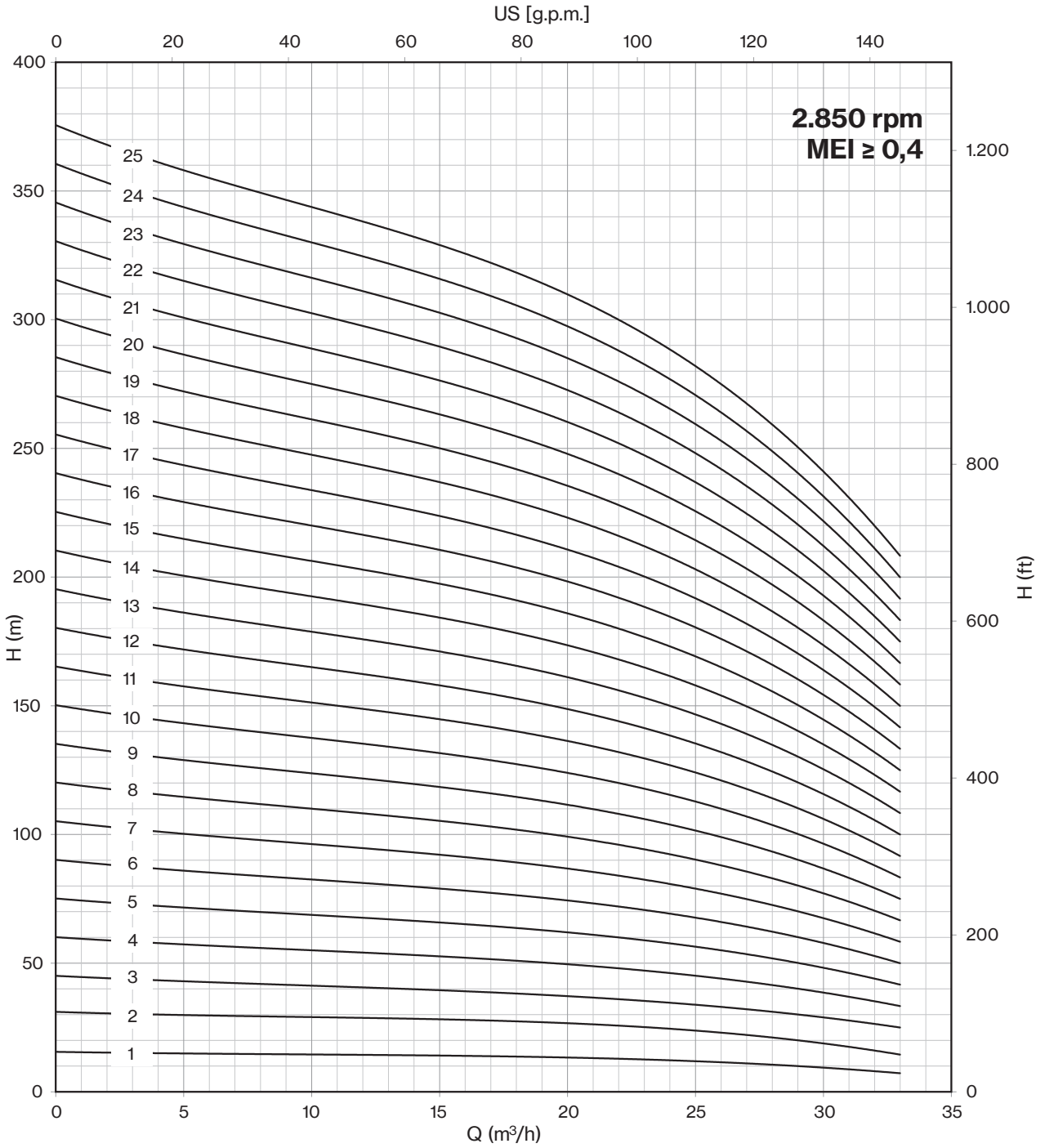


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
6LR 25/01	669	277	392	13	10
6LR 25/02	901	344	557	19	14
6LR 25/03	1008	411	597	22	17
6LR 25/04	1176	478	698	27	21
6LR 25/05	1246	545	701	55	25
6LR 25/06	1338	637	701	55	28
6LR 25/07	1455	704	751	60	32
6LR 25/08	1522	771	751	60	35
6LR 25/09	1649	838	811	65	39
6LR 25/10	1746	905	841	70	43
6LR 25/11	1813	972	841	70	46
6LR 25/12	1970	1039	931	75	50
6LR 25/13	2037	1106	931	75	53
6LR 25/14	2164	1173	991	83	57
6LR 25/15	2231	1240	991	83	61
6LR 25/16	2298	1307	991	83	64
6LR 25/17	2445	1374	1071	92	68
6LR 25/18	2512	1441	1071	92	71
6LR 25/19	2579	1508	1071	92	75
6LR 25/20	2756	1575	1181	100	79
6LR 25/21	2823	1642	1181	100	82
6LR 25/22	2890	1709	1181	100	86
6LR 25/23	3027	1776	1251	108	89
6LR 25/24	3094	1843	1251	108	93
6LR 25/25	3161	1910	1251	108	97

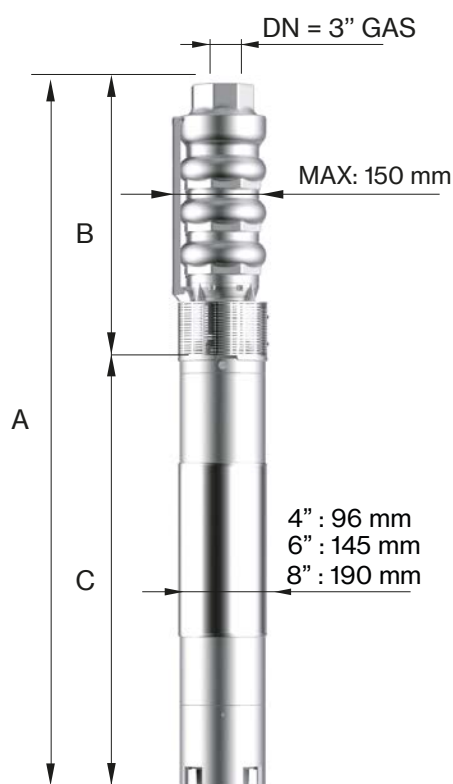
Max Eff. % =	77
Max kW / St. =	1,14

Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4,5	6,6

6LR 25



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	100	200	300	350	400	450	500	550
	HP	kW	A		0	1,7	3,3	5,0	5,8	6,7	7,5	8,3	9,2
					0	6	12	18	21	24	27	30	33
6LR 25/26*	40	30	61,1	H[m]	390	372	348	330	320	302	278	247	218
6LR 25/27*	50	37	75,8		405	386	362	343	332	313	289	257	227
6LR 25/28*	50	37	75,8		420	400	375	356	344	325	300	266	235
6LR 25/29*	50	37	75,8		435	415	389	368	357	336	310	276	244
6LR 25/30*	50	37	75,8		450	429	402	381	369	348	321	285	252
6LR 25/31*	50	37	75,8		465	443	415	394	381	360	332	295	260
6LR 25/32*	50	37	75,8		480	458	429	406	394	371	342	304	269
6LR 25/33*	60	45	86,3		495	472	442	419	406	383	353	314	277
6LR 25/34*	60	45	86,3		510	486	456	432	418	394	364	323	286
6LR 25/35*	60	45	86,3		525	501	469	445	431	406	375	333	294
6LR 25/36*	60	45	86,3		540	515	482	457	443	418	385	342	302
6LR 25/37*	60	45	86,3		555	529	496	470	455	429	396	352	311
6LR 25/38*	60	45	86,3		570	543	509	483	467	441	407	361	319
6LR 25/39*	60	45	86,3		585	558	523	495	480	452	417	371	328
6LR 25/40*	75	55	106,2		600	572	536	508	492	464	428	380	336
6LR 25/41*	75	55	106,2		615	586	549	521	504	476	439	390	344
6LR 25/42*	75	55	106,2		630	601	563	533	517	487	449	399	353
6LR 25/43*	75	55	106,2		645	615	576	546	529	499	460	409	361
6LR 25/44*	75	55	106,2		660	629	590	559	541	510	471	418	370
6LR 25/45*	75	55	106,2		675	644	603	572	554	522	482	428	378
6LR 25/46*	75	55	106,2		690	658	616	584	566	534	492	437	386
6LR 25/47*	75	55	106,2		705	672	630	597	578	545	503	447	395
6LR 25/48*	75	55	106,2		720	686	643	610	590	557	514	456	403
6LR 25/49*	90	66	126,0		735	701	657	622	603	568	524	466	412
6LR 25/50*	90	66	126,0		750	715	670	635	615	580	535	475	420



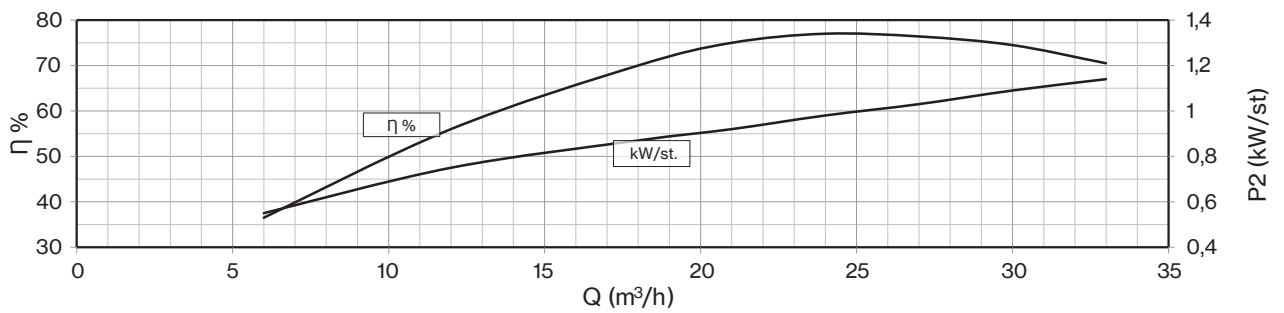
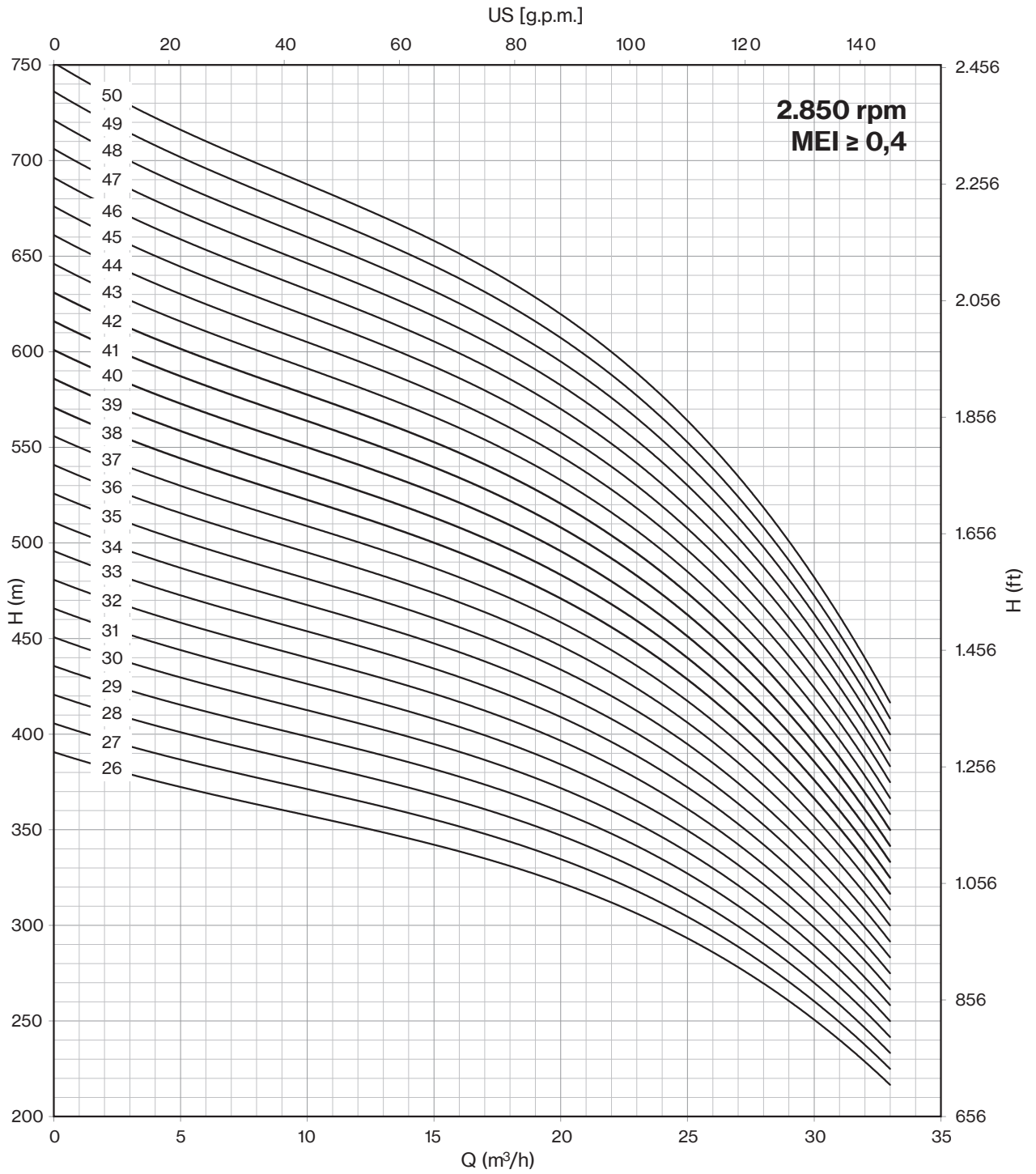
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
6LR 25/26*	3308	2057	1251	108	104
6LR 25/27*	3465	2124	1341	118	107
6LR 25/28*	3532	2191	1341	118	111
6LR 25/29*	3599	2258	1341	118	114
6LR 25/30*	3666	2325	1341	118	118
6LR 25/31*	3733	2392	1341	118	122
6LR 25/32*	3800	2459	1341	118	125
6LR 25/33*	3649	2526	1123	178	129
6LR 25/34*	3716	2593	1123	178	132
6LR 25/35*	3783	2660	1123	178	136
6LR 25/36*	3850	2727	1123	178	140
6LR 25/37*	3972	2849	1123	178	144
6LR 25/38*	4039	2916	1123	178	148
6LR 25/39*	4106	2983	1123	178	151
6LR 25/40*	4283	3050	1233	200	155
6LR 25/41*	4350	3117	1233	200	159
6LR 25/42*	4417	3184	1233	200	162
6LR 25/43*	4484	3251	1233	200	166
6LR 25/44*	4551	3318	1233	200	169
6LR 25/45*	4618	3385	1233	200	173
6LR 25/46*	4685	3452	1233	200	177
6LR 25/47*	4752	3519	1233	200	180
6LR 25/48*	4819	3586	1233	200	184
6LR 25/49*	4955	3653	1302	214	187
6LR 25/50*	5022	3720	1302	214	191

Max Eff. % =	77
Max kW / St. =	1,14

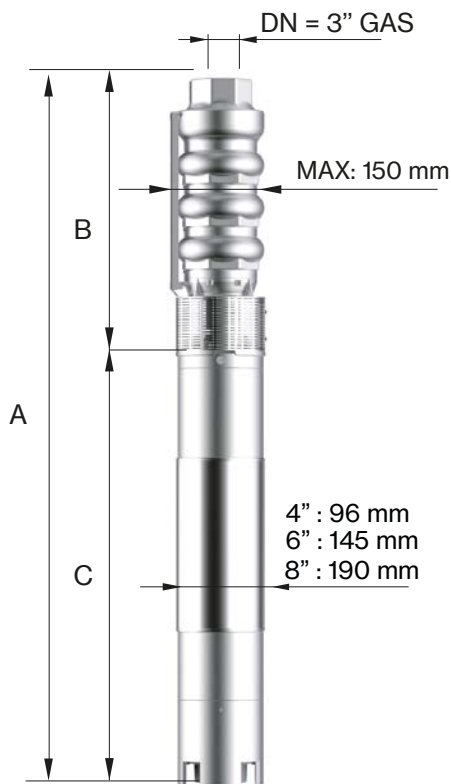
Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4,5	6,6

* Coupled pump shaft

6LR 25



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	100	150	200	300	400	500	600	700
	HP	kW	A		0	1,7	2,5	3,3	5,0	6,7	8,3	10,0	11,7
				m ³ /h	0	6	9	12	18	24	30	36	42
6LR 32/01	2	1,5	4,0	H[m]	15	15	14	14	14	13	11	9	7
6LR 32/02	4	3	7,5		30	30	29	28	27	25	23	19	15
6LR 32/03	5,5	4	10,0		45	44	43	42	41	38	34	28	22
6LR 32/04	7,5	5,5	12,5		60	59	58	56	54	51	45	38	29
6LR 32/05	10	7,5	16,3		75	74	72	71	68	64	57	47	37
6LR 32/06	12,5	9,2	19,9		90	89	86	85	82	76	68	56	44
6LR 32/07	15	11	23,4		105	104	101	99	95	89	79	66	51
6LR 32/08	15	11	23,4		120	118	115	113	109	102	90	75	58
6LR 32/09	17,5	13	27,3		135	133	130	127	122	114	102	85	66
6LR 32/10	20	15	31,5		150	148	144	141	136	127	113	94	73
6LR 32/11	20	15	31,5		165	163	158	155	150	140	124	103	80
6LR 32/12	25	18,5	38,3		180	178	173	169	163	152	136	113	88
6LR 32/13	25	18,5	38,3		195	192	187	183	177	165	147	122	95
6LR 32/14	25	18,5	38,3		210	207	202	197	190	178	158	132	102
6LR 32/15	30	22	45,1		225	222	216	212	204	191	170	141	110
6LR 32/16	30	22	45,1		240	237	230	226	218	203	181	150	117
6LR 32/17	35	26	52,9		255	252	245	240	231	216	192	160	124
6LR 32/18	35	26	52,9		270	266	259	254	245	229	203	169	131
6LR 32/19	35	26	52,9		285	281	274	268	258	241	215	179	139
6LR 32/20	40	30	61,1		300	296	288	282	272	254	226	188	146
6LR 32/21	40	30	61,1		315	311	302	296	286	267	237	197	153
6LR 32/22	40	30	61,1		330	326	317	310	299	279	249	207	161
6LR 32/23	50	37	75,8		345	340	331	324	313	292	260	216	168
6LR 32/24	50	37	75,8		360	355	346	338	326	305	271	226	175
6LR 32/25	50	37	75,8		375	370	360	353	340	318	283	235	183

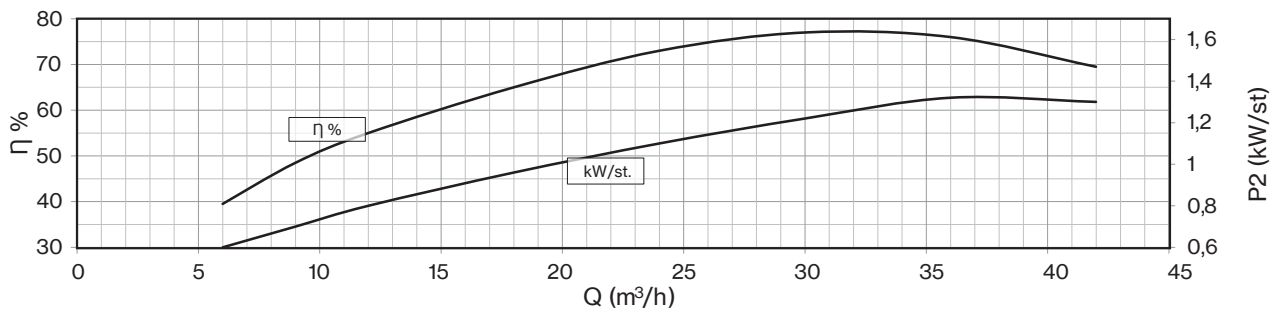
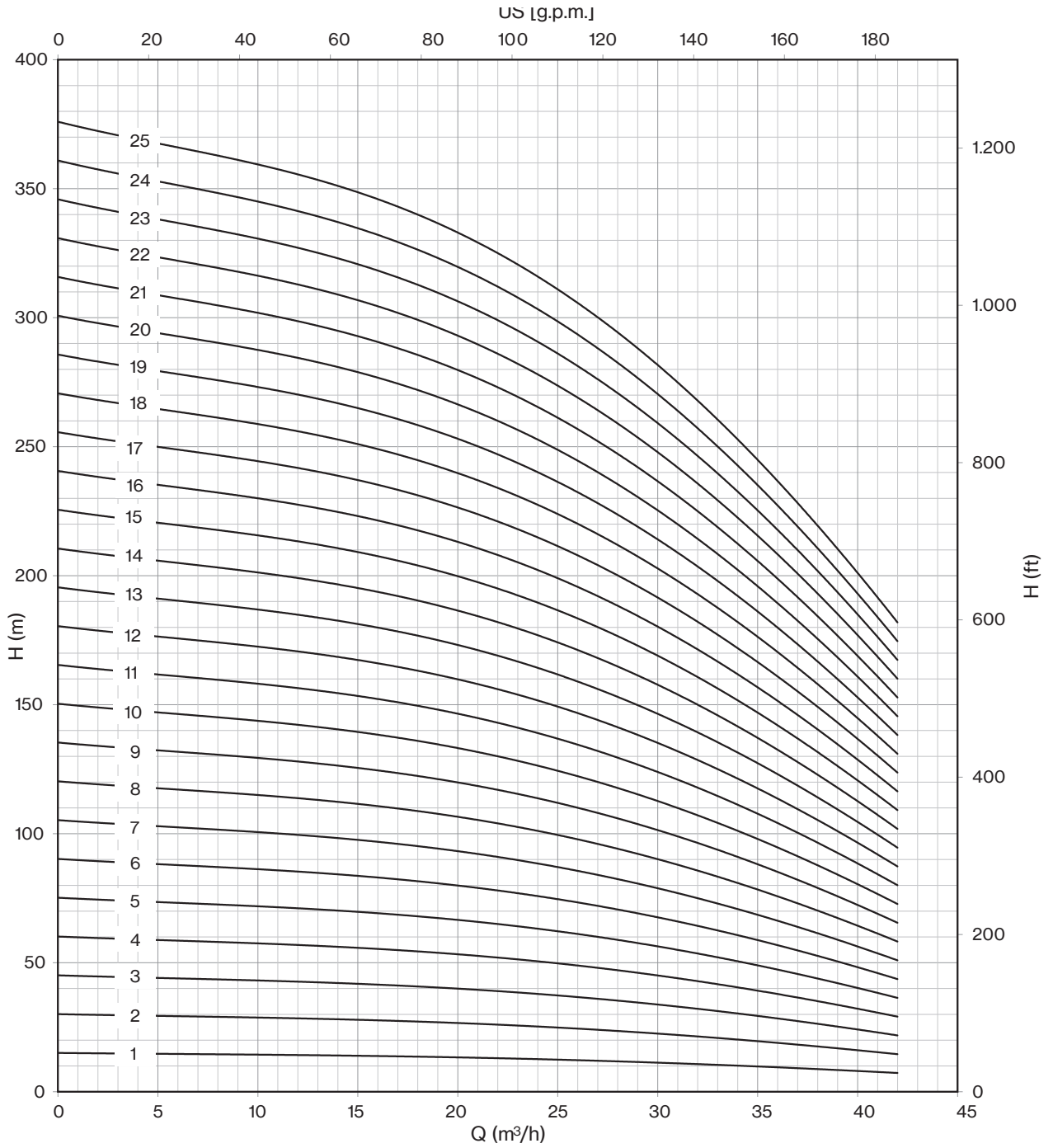


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
6LR 32/01	669	277	392	13	9
6LR 32/02	901	344	557	19	12
6LR 32/03	1008	411	597	22	16
6LR 32/04	1176	478	698	27	19
6LR 32/05	1271	570	701	55	25
6LR 32/06	1388	637	751	60	28
6LR 32/07	1515	704	811	65	32
6LR 32/08	1582	771	811	65	35
6LR 32/09	1679	838	841	70	39
6LR 32/10	1836	905	931	75	43
6LR 32/11	1903	972	931	75	46
6LR 32/12	2030	1039	991	83	50
6LR 32/13	2097	1106	991	83	53
6LR 32/14	2164	1173	991	83	57
6LR 32/15	2311	1240	1071	92	61
6LR 32/16	2378	1307	1071	92	64
6LR 32/17	2555	1374	1181	100	68
6LR 32/18	2622	1441	1181	100	71
6LR 32/19	2689	1508	1181	100	75
6LR 32/20	2826	1575	1251	108	79
6LR 32/21	2893	1642	1251	108	82
6LR 32/22	2960	1709	1251	108	86
6LR 32/23	3117	1776	1341	118	89
6LR 32/24	3184	1843	1341	118	93
6LR 32/25	3251	1910	1341	118	97

Max Eff. % =	77
Max kW / St. =	1,32

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	3,9	7,5

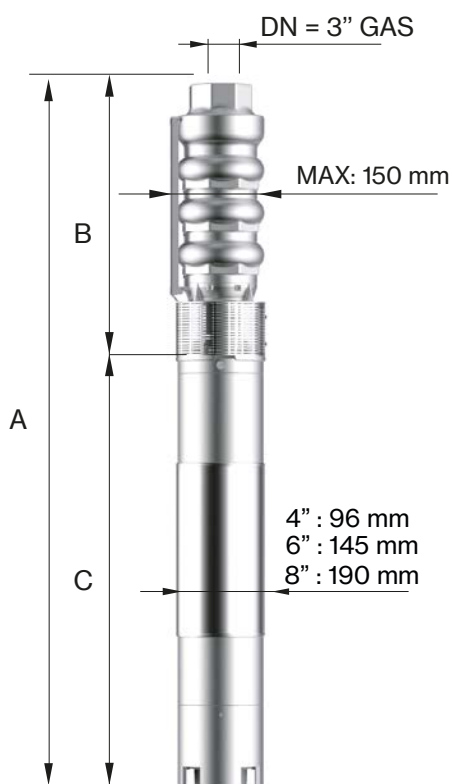
6LR 32



Drinking water compatibility according DM 174
 MEI ≥ 0,4 (regulation EU N. 547/2012)
 Models with less than 3 stages reduce the % eff. of 5%



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	100	150	200	300	400	500	600	700
	HP	kW	A		0	1,7	2,5	3,3	5,0	6,7	8,3	10,0	11,7
					0	6	9	12	18	24	30	36	42
6LR 32/26*	50	37	75,8	H[m]	390	385	374	367	354	330	294	244	190
6LR 32/27*	50	37	75,8		405	400	389	381	367	343	305	254	197
6LR 32/28*	50	37	75,8		420	414	403	395	381	356	316	263	204
6LR 32/29*	60	45	86,3		435	429	418	409	394	368	328	273	212
6LR 32/30*	60	45	86,3		450	444	432	423	408	381	339	282	219
6LR 32/31*	60	45	86,3		465	459	446	437	422	394	350	291	226
6LR 32/32*	60	45	86,3		480	474	461	451	435	406	362	301	234
6LR 32/33*	60	45	86,3		495	488	475	465	449	419	373	310	241
6LR 32/34*	60	45	86,3		510	503	490	479	462	432	384	320	248
6LR 32/35*	75	55	106,2		525	518	504	494	476	445	396	329	256
6LR 32/36*	75	55	106,2		540	533	518	508	490	457	407	338	263
6LR 32/37*	75	55	106,2		555	548	533	522	503	470	418	348	270
6LR 32/38*	75	55	106,2		570	562	547	536	517	483	429	357	277
6LR 32/39*	75	55	106,2		585	577	562	550	530	495	441	367	285
6LR 32/40*	75	55	106,2		600	592	576	564	544	508	452	376	292
6LR 32/41*	75	55	106,2		615	607	590	578	558	521	463	385	299
6LR 32/42*	90	66	126,0		630	622	605	592	571	533	475	395	307
6LR 32/43*	90	66	126,0		645	636	619	606	585	546	486	404	314
6LR 32/44*	90	66	126,0		660	651	634	620	598	559	497	414	321
6LR 32/45*	90	66	126,0		675	666	648	635	612	572	509	423	329
6LR 32/46*	90	66	126,0		690	681	662	649	626	584	520	432	336
6LR 32/47*	90	66	126,0		705	696	677	663	639	597	531	442	343
6LR 32/48*	90	66	126,0		720	710	691	677	653	610	542	451	350
6LR 32/49*	90	66	126,0		735	725	706	691	666	622	554	461	358
6LR 32/50*	90	66	126,0		750	740	720	705	680	635	565	470	365



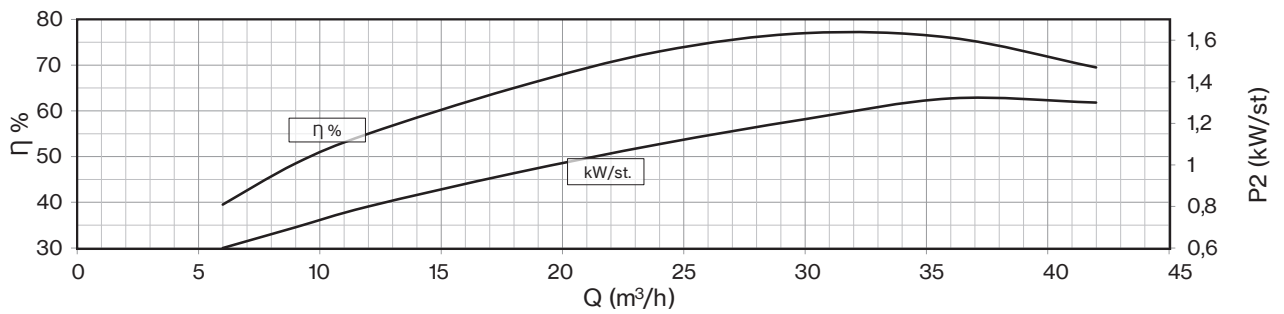
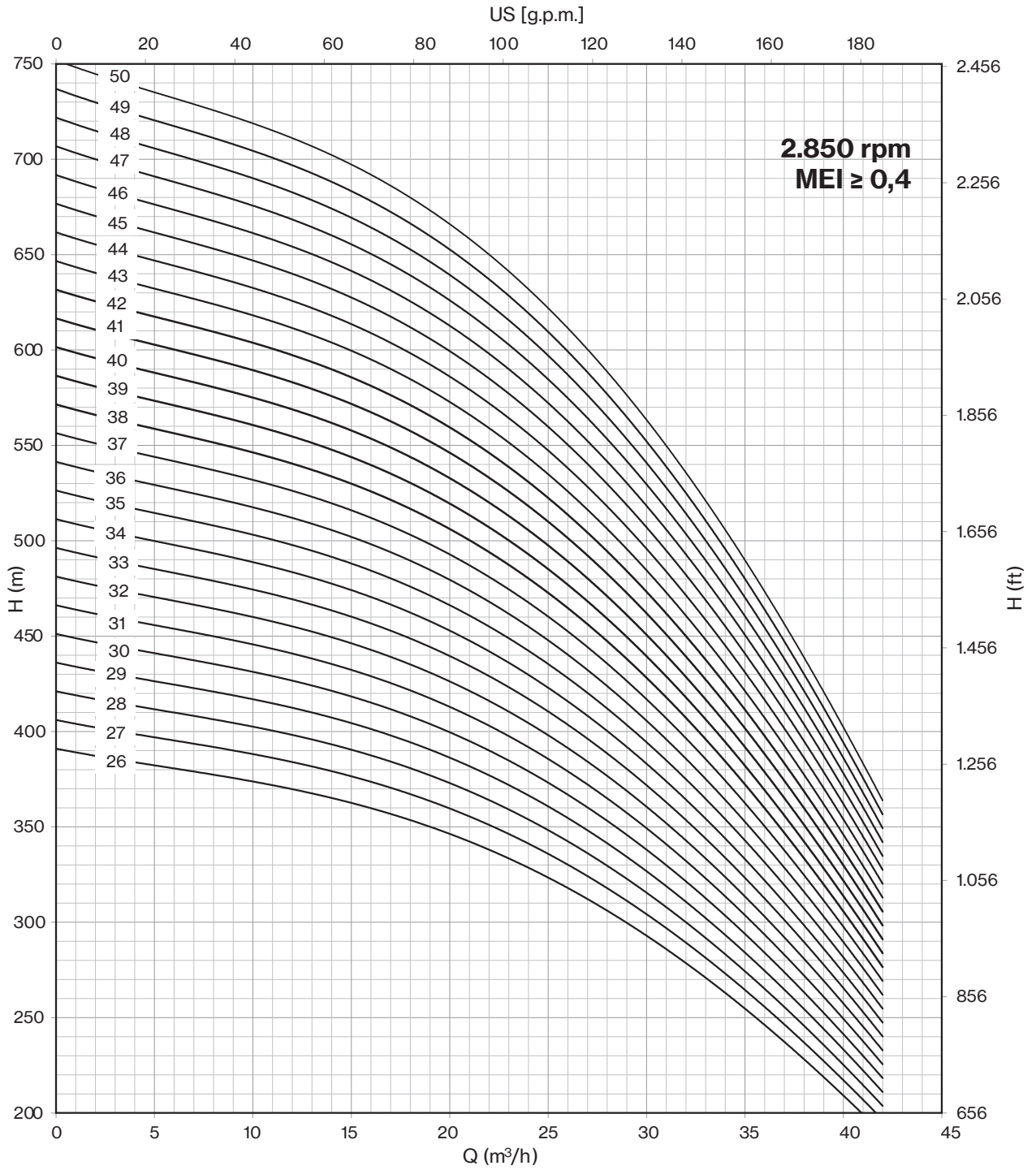
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
6LR 32/26*	3398	2057	1341	118	104
6LR 32/27*	3465	2124	1341	118	107
6LR 32/28*	3532	2191	1341	118	111
6LR 32/29*	3381	2258	1123	178	114
6LR 32/30*	3503	2380	1123	178	118
6LR 32/31*	3570	2447	1123	178	123
6LR 32/32*	3637	2514	1123	178	126
6LR 32/33*	3704	2581	1123	178	130
6LR 32/34*	3771	2648	1123	178	133
6LR 32/35*	3948	2715	1233	200	137
6LR 32/36*	4015	2782	1233	200	141
6LR 32/37*	4082	2849	1233	200	144
6LR 32/38*	4149	2916	1233	200	148
6LR 32/39*	4216	2983	1233	200	151
6LR 32/40*	4283	3050	1233	200	155
6LR 32/41*	4350	3117	1233	200	159
6LR 32/42*	4486	3184	1302	214	162
6LR 32/43*	4553	3251	1302	214	166
6LR 32/44*	4620	3318	1302	214	169
6LR 32/45*	4687	3385	1302	214	173
6LR 32/46*	4754	3452	1302	214	177
6LR 32/47*	4821	3519	1302	214	180
6LR 32/48*	4888	3586	1302	214	184
6LR 32/49*	4955	3653	1302	214	187
6LR 32/50*	5022	3720	1302	214	191

Max Eff. % =	77
Max kW / St. =	1,32

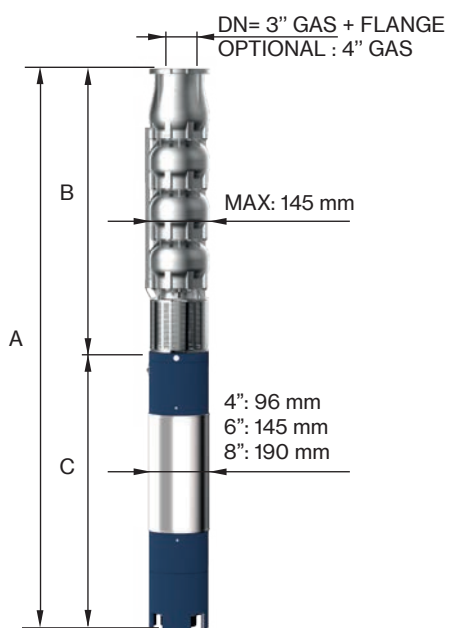
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	3,9	7,5

* Coupled pump shaft

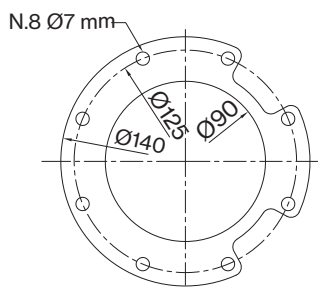
6LR 32



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	I/min	0	100	200	300	400	500	600	700	800
	HP	kW		A	I/sec	0	1,7	3,3	5,0	6,7	8,3	10,0	11,7
			m ³ /h		0	6	12	18	24	30	36	42	48
6LM 38/01	2	1,5	4,0	H[m]	14	14	13	13	12	11	10	9	7
6LM 38/02	4	3	7,5		29	27	26	25	24	23	20	17	14
6LM 38/03	5,5	4	10,0		43	41	39	38	36	34	31	26	20
6LM 38/04	7,5	5,5	12,5		57	55	52	51	48	45	41	35	27
6LM 38/05	10	7,5	16,3		71	69	65	64	60	56	51	44	34
6LM 38/06	12,5	9,2	19,9		86	82	78	76	72	68	61	52	41
6LM 38/07	15	11	23,4		100	96	91	89	84	79	71	61	48
6LM 38/08	15	11	23,4		114	110	104	102	96	90	81	70	55
6LM 38/09	17,5	13	27,3		129	123	117	114	108	102	92	78	61
6LM 38/10	20	15	31,5		143	137	130	127	120	113	102	87	68
6LM 38/11	20	15	31,5		157	151	143	140	132	124	112	96	75
6LM 38/12	25	18,5	38,3		172	164	156	152	144	136	122	104	82
6LM 38/13	25	18,5	38,3		186	178	169	165	156	147	132	113	89
6LM 38/14	30	22	45,1		200	192	182	178	168	158	143	122	95
6LM 38/15	30	22	45,1		214	206	195	191	180	169	153	131	102
6LM 38/16	30	22	45,1		229	219	208	203	192	181	163	139	109



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 38/01	746	354	392	13	8
6LM 38/02	1012	455	557	19	12
6LM 38/03	1153	556	597	22	15
6LM 38/04	1355	657	698	27	19
6LM 38/05	1499	798	701	55	23
6LM 38/06	1650	899	751	60	26
6LM 38/07	1811	1000	811	65	30
6LM 38/08	1912	1101	811	65	33
6LM 38/09	2043	1202	841	70	37
6LM 38/10	2234	1303	931	75	41
6LM 38/11	2335	1404	931	75	44
6LM 38/12	2496	1505	991	83	48
6LM 38/13	2597	1606	991	83	51
6LM 38/14	2778	1707	1071	92	55
6LM 38/15	2879	1808	1071	92	59
6LM 38/16	2980	1909	1071	92	62

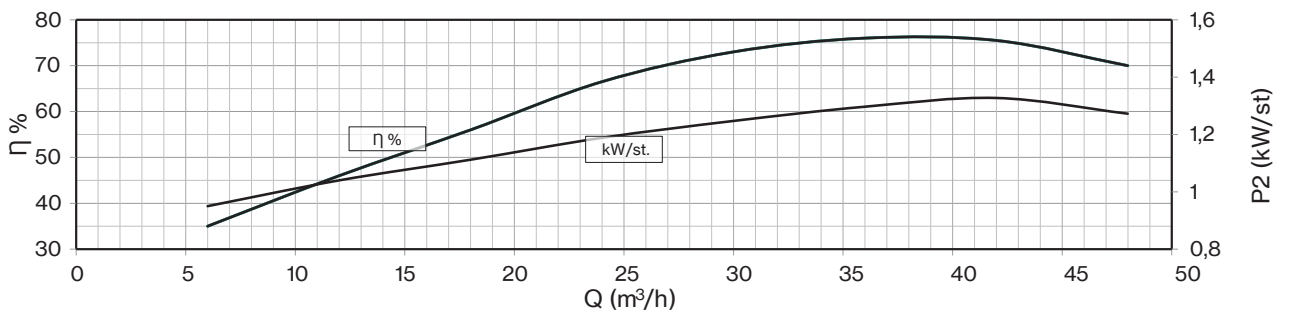
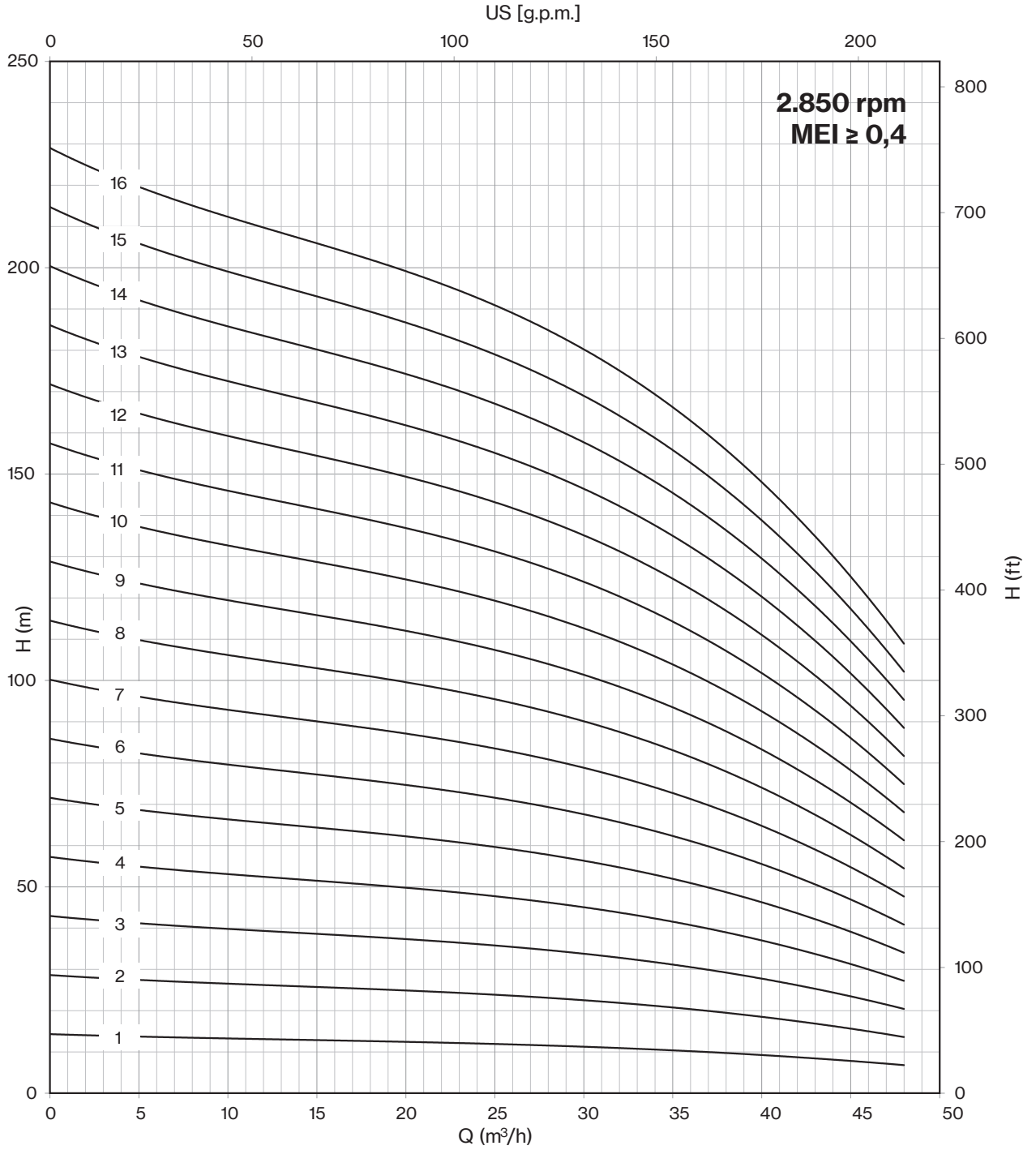


Max Eff. % =	76
Max kW / St. =	1,33

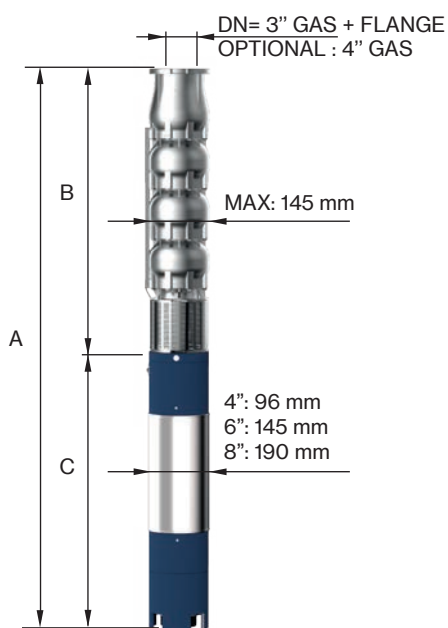
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	3,8	8

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

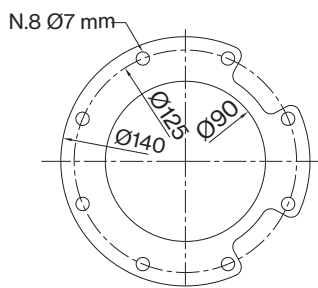
6LM 38



Motor 50 Hz - 2900 rpm				Q																	
TYPE	Power		400 V	l/min l/sec m³/h	0	100	200	300	400	500	600	700	800								
	HP	kW			A	0	1,7	3,3	5,0	6,7	8,3	10,0	11,7	13,3							
					H[m]																
				0										6	12	18	24	30	36	42	48
6LM 38/17	35	26	52,9	H[m]	243	233	221	216	204	192	173	148	116								
6LM 38/18	35	26	52,9		257	247	234	229	216	203	183	157	123								
6LM 38/19	35	26	52,9		272	260	247	241	228	215	194	165	129								
6LM 38/20	40	30	61,1		286	274	260	254	240	226	204	174	136								
6LM 38/21	40	30	61,1		300	288	273	267	252	237	214	183	143								
6LM 38/22	40	30	61,1		315	301	286	279	264	249	224	191	150								
6LM 38/23	50	37	75,8		329	315	299	292	276	260	234	200	157								
6LM 38/24	50	37	75,8		343	329	312	305	288	271	244	209	164								
6LM 38/25	50	37	75,8		357	343	325	318	300	282	255	218	170								
6LM 38/26	50	37	75,8		372	356	338	330	312	294	265	226	177								
6LM 38/27	50	37	75,8		386	370	351	343	324	305	275	235	184								
6LM 38/28	60	45	86,3		400	384	364	356	336	316	285	244	191								
6LM 38/29	60	45	86,3		415	397	377	368	348	328	295	252	198								
6LM 38/30	60	45	86,3		429	411	390	381	360	339	306	261	204								
6LM 38/31	60	45	86,3		443	425	403	394	372	350	316	270	211								
6LM 38/32	60	45	86,3		457	438	416	407	384	361	326	279	218								
6LM 38/33	60	45	86,3		472	452	429	419	396	373	336	287	225								



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 38/17	3191	2010	1181	100	66
6LM 38/18	3292	2111	1181	100	69
6LM 38/19	3393	2212	1181	100	73
6LM 38/20	3564	2313	1251	108	77
6LM 38/21	3665	2414	1251	108	80
6LM 38/22	3766	2515	1251	108	84
6LM 38/23	3957	2616	1341	118	87
6LM 38/24	4058	2717	1341	118	91
6LM 38/25	4159	2818	1341	118	95
6LM 38/26	4260	2919	1341	118	98
6LM 38/27	4361	3020	1341	118	102
6LM 38/28	4311	3188	1123	178	109
6LM 38/29	4412	3289	1123	178	113
6LM 38/30	4513	3390	1123	178	116
6LM 38/31	4614	3491	1123	178	120
6LM 38/32	4715	3592	1123	178	124
6LM 38/33	4816	3693	1123	178	127

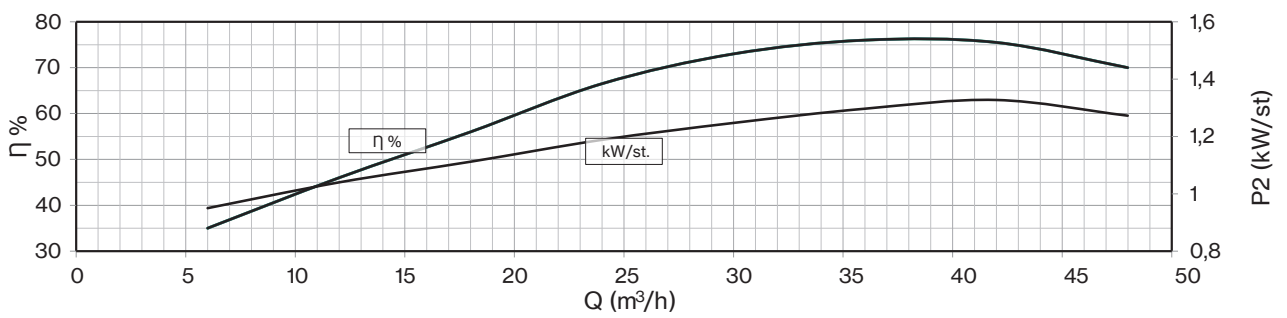
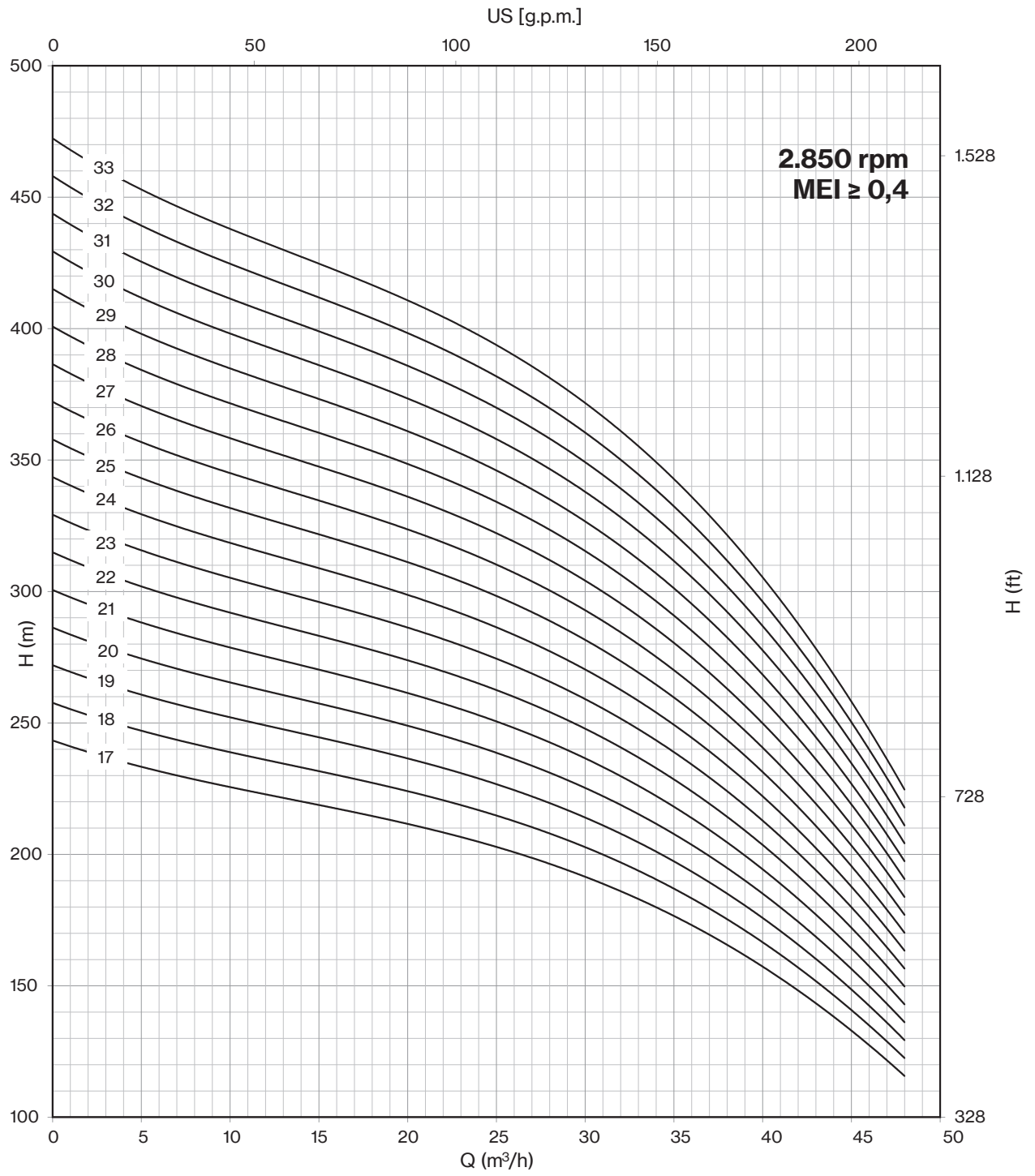


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

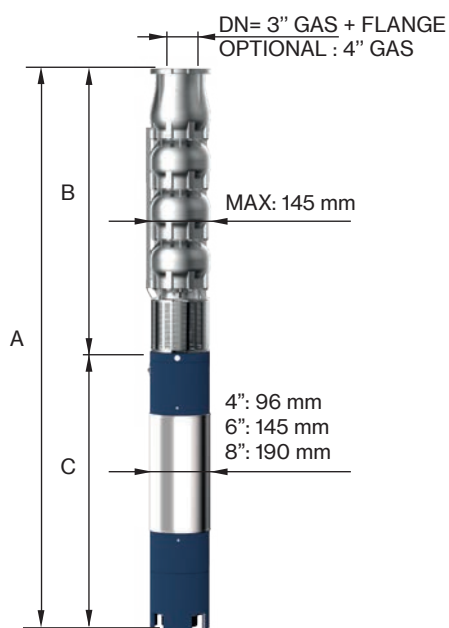
Max Eff. % =	76
Max kW / St. =	1,33

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	3,8	8

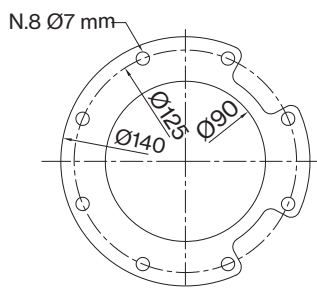
6LM 38



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	200	400	500	600	700	800	900	1000
	HP	kW			A	0	3,3	6,7	8,3	10,0	11,7	13,3	15,0
			0	12		24	30	36	42	48	54	60	
6LM 48/01	2	1,5	4,0	H[m]	14	14	11	11	11	10	9	7	6
6LM 48/02	4	3	7,5		28	27	23	22	21	20	18	15	13
6LM 48/03	7,5	5,5	12,5		42	41	34	33	32	29	26	22	19
6LM 48/04	10	7,5	16,3		56	54	46	44	42	39	35	30	26
6LM 48/05	10	7,5	16,3		70	68	57	56	53	49	44	37	32
6LM 48/06	12,5	9,2	19,9		84	81	68	67	64	59	53	44	38
6LM 48/07	15	11	23,4		98	95	80	78	74	69	62	52	45
6LM 48/08	17,5	13	27,3		112	108	91	89	85	78	70	59	51
6LM 48/09	17,5	13	27,3		126	122	103	100	95	88	79	67	58
6LM 48/10	20	15	31,5		140	135	114	111	106	98	88	74	64
6LM 48/11	25	18,5	38,3		154	149	125	122	117	108	97	81	70
6LM 48/12	25	18,5	38,3		168	162	137	133	127	118	106	89	77
6LM 48/13	30	22	45,1		182	176	148	144	138	127	114	96	83
6LM 48/14	30	22	45,1		196	189	160	155	148	137	123	104	90
6LM 48/15	30	22	45,1		210	203	171	167	159	147	132	111	96
6LM 48/16	35	26	52,9		224	216	182	178	170	157	141	118	102



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 48/01	746	354	392	13	8
6LM 48/02	1012	455	557	19	12
6LM 48/03	1254	556	698	27	15
6LM 48/04	1358	657	701	55	19
6LM 48/05	1499	798	701	55	23
6LM 48/06	1650	899	751	60	26
6LM 48/07	1811	1000	811	65	30
6LM 48/08	1942	1101	841	70	33
6LM 48/09	2043	1202	841	70	37
6LM 48/10	2234	1303	931	75	41
6LM 48/11	2395	1404	991	83	44
6LM 48/12	2496	1505	991	83	48
6LM 48/13	2677	1606	1071	92	51
6LM 48/14	2778	1707	1071	92	55
6LM 48/15	2879	1808	1071	92	59
6LM 48/16	3090	1909	1181	100	62

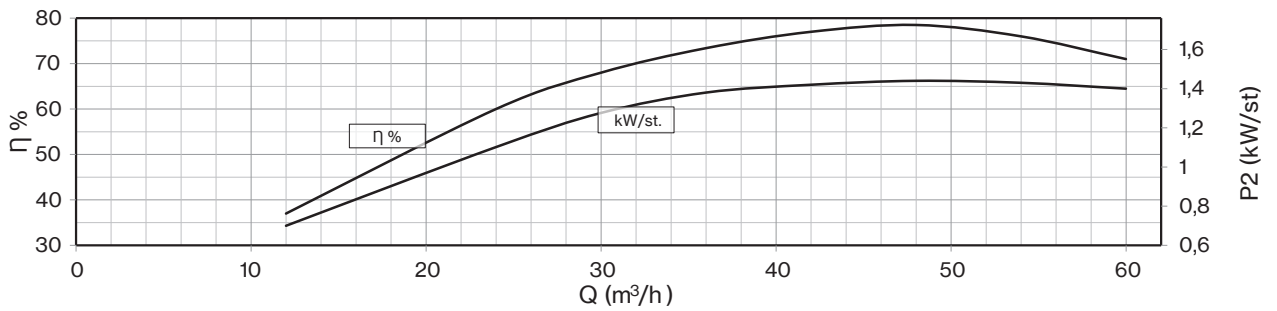
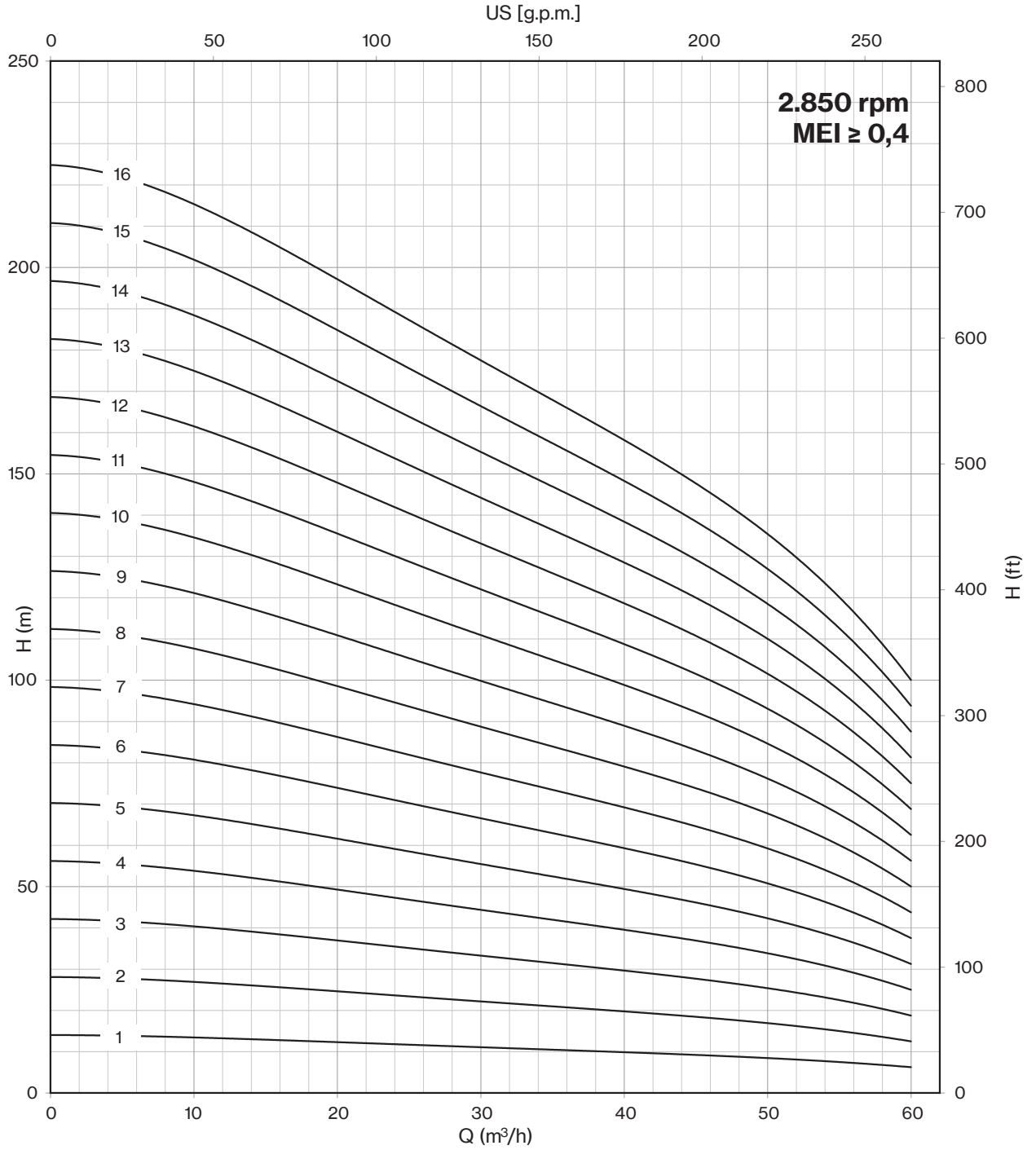


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

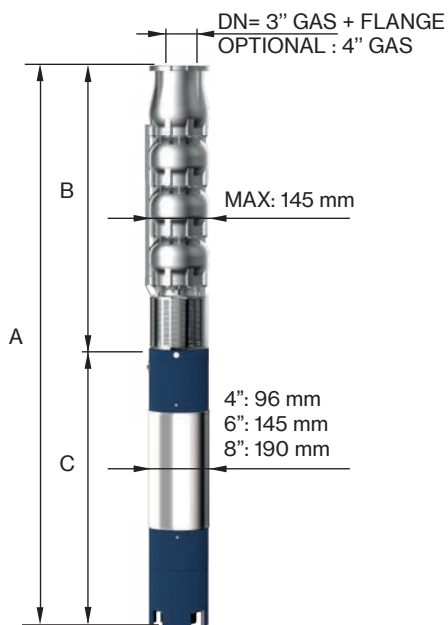
Max Eff. % =	78,5
Max kW / St. =	1,44

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,45	3,5	3,8	5

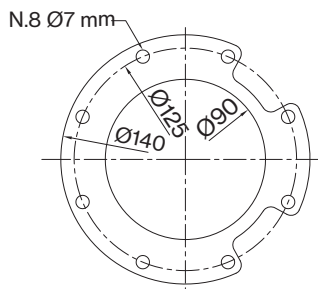
6LM 48



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	200	400	500	600	700	800	900	1000
	HP	kW			0	3,3	6,7	8,3	10,0	11,7	13,3	15,0	16,7
	A		0	12	24	30	36	42	48	54	60		
6LM 48/17	35	26	52,9	H[m]	238	230	194	189	180	167	150	126	109
6LM 48/18	35	26	52,9		252	243	205	200	191	176	158	133	115
6LM 48/19	40	30	61,1		266	257	217	211	201	186	167	141	122
6LM 48/20	40	30	61,1		280	270	228	222	212	196	176	148	128
6LM 48/21	50	37	75,8		294	284	239	233	223	206	185	155	134
6LM 48/22	50	37	75,8		308	297	251	244	233	216	194	163	141
6LM 48/23	50	37	75,8		322	311	262	255	244	225	202	170	147
6LM 48/24	50	37	75,8		336	324	274	266	254	235	211	178	154
6LM 48/25	50	37	75,8		350	338	285	278	265	245	220	185	160
6LM 48/26	60	45	86,3		364	351	296	289	276	255	229	192	166
6LM 48/27	60	45	86,3		378	365	308	300	286	265	238	200	173
6LM 48/28	60	45	86,3		392	378	319	311	297	274	246	207	179
6LM 48/29	60	45	86,3		406	392	331	322	307	284	255	215	186
6LM 48/30	60	45	86,3		420	405	342	333	318	294	264	222	192



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 48/17	3191	2010	1181	100	66
6LM 48/18	3292	2111	1181	100	69
6LM 48/19	3463	2212	1251	108	73
6LM 48/20	3564	2313	1251	108	77
6LM 48/21	3755	2414	1341	118	80
6LM 48/22	3856	2515	1341	118	84
6LM 48/23	3957	2616	1341	118	87
6LM 48/24	4058	2717	1341	118	91
6LM 48/25	4159	2818	1341	118	95
6LM 48/26	4109	2986	1123	178	102
6LM 48/27	4210	3087	1123	178	106
6LM 48/28	4311	3188	1123	178	109
6LM 48/29	4412	3289	1123	178	113
6LM 48/30	4513	3390	1123	178	116

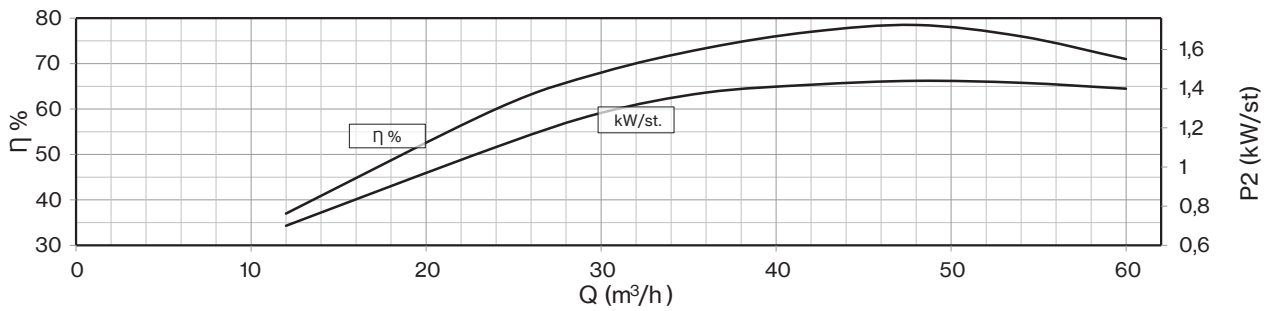
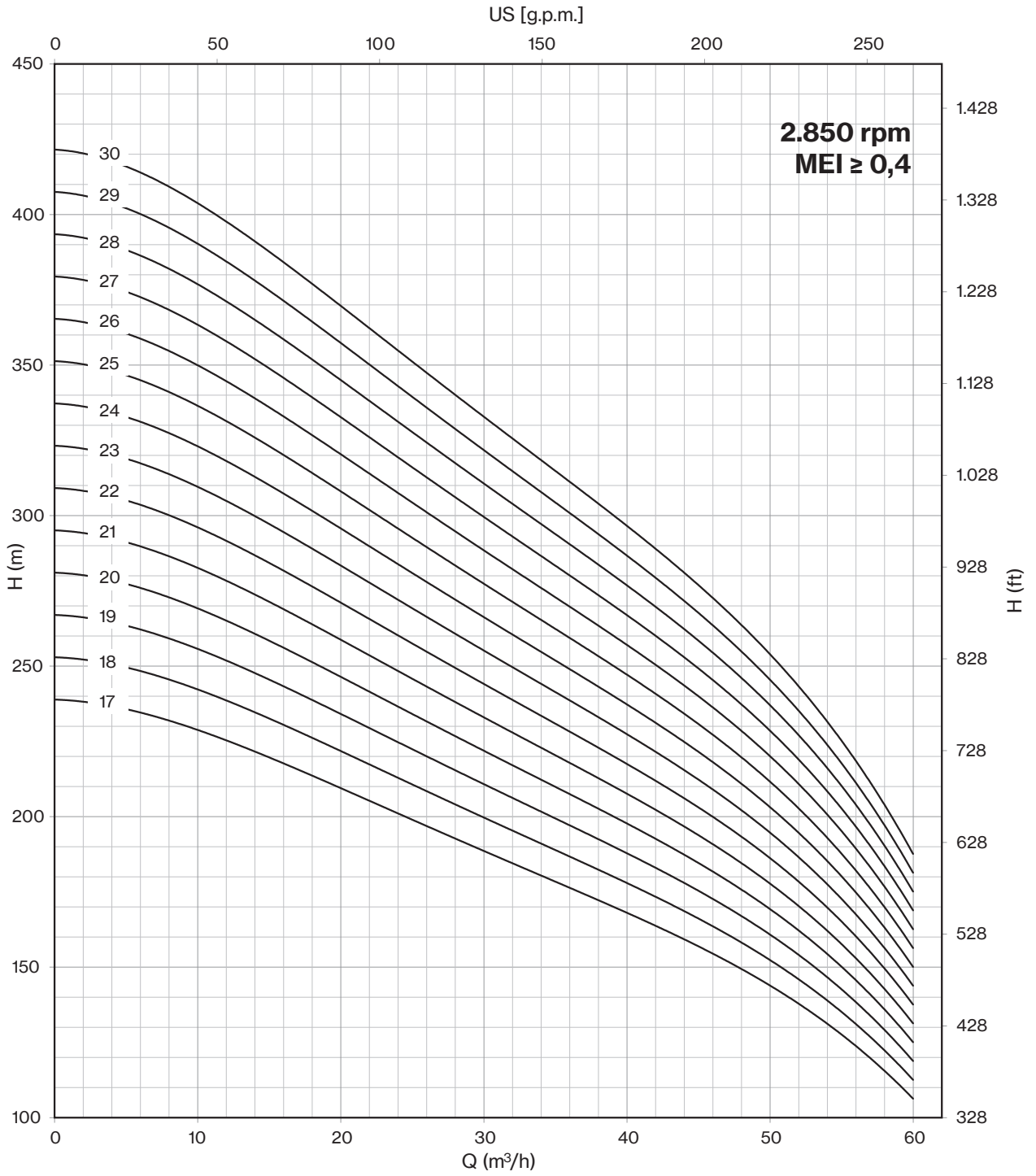


Max Eff. % =	78,5
Max kW / St. =	1,44

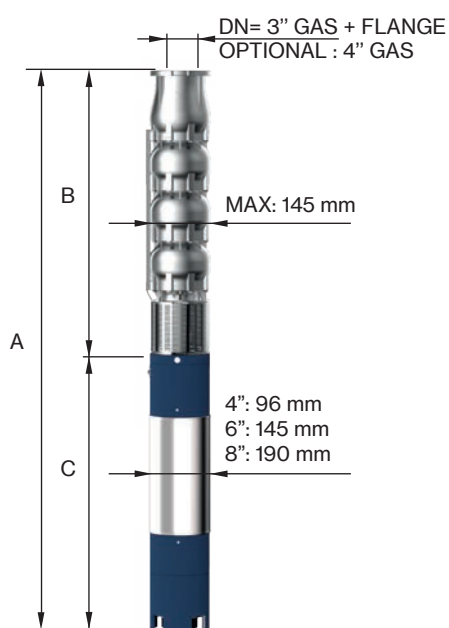
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,45	3,5	3,8	5

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

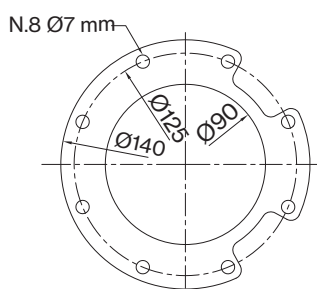
6LM 48



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	I/min	0	300	600	700	800	900	1000	1100	1200
	HP	kW	A	I/sec	0	5,0	10,0	11,7	13,3	15,0	16,7	18,3	20,0
				m ³ /h	0	18	36	42	48	54	60	66	72
6LM 60/01	3	2	5,50	H[m]	14	12	10	10	9	9	8	7	6
6LM 60/02	5,5	4	10,00		27	25	21	19	18	17	16	14	12
6LM 60/03	7,5	5,5	12,50		41	37	31	29	27	26	23	21	18
6LM 60/04	10	7,5	16,30		55	49	41	38	36	34	31	28	24
6LM 60/05	12,5	9,2	19,90		69	62	52	48	46	43	39	35	30
6LM 60/06	15	11	23,40		82	74	62	58	55	51	47	41	36
6LM 60/07	17,5	13	27,30		96	86	72	67	64	60	55	48	42
6LM 60/08	20	15	31,50		110	98	82	77	73	68	62	55	48
6LM 60/09	20	15	31,50		123	111	93	86	82	77	70	62	54
6LM 60/10	25	18,5	38,30		137	123	103	96	91	85	78	69	60
6LM 60/11	25	18,5	38,30		151	135	113	106	100	94	86	76	66
6LM 60/12	30	22	45,10		164	148	124	115	109	102	94	83	72
6LM 60/13	30	22	45,10		178	160	134	125	118	111	101	90	78
6LM 60/14	35	26	52,90		192	172	144	134	127	119	109	97	84
6LM 60/15	35	26	52,90		206	185	155	144	137	128	117	104	90
6LM 60/16	40	30	61,10		219	197	165	154	146	136	125	110	96



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 60/01	812	360	452	15	8
6LM 60/02	1064	467	597	22	12
6LM 60/03	1272	574	698	27	16
6LM 60/04	1422	721	701	55	20
6LM 60/05	1579	828	751	60	24
6LM 60/06	1746	935	811	65	27
6LM 60/07	1883	1042	841	70	31
6LM 60/08	2080	1149	931	75	35
6LM 60/09	2187	1256	931	75	39
6LM 60/10	2354	1363	991	83	43
6LM 60/11	2461	1470	991	83	46
6LM 60/12	2648	1577	1071	92	50
6LM 60/13	2755	1684	1071	92	54
6LM 60/14	2972	1791	1181	100	58
6LM 60/15	3079	1898	1181	100	62
6LM 60/16	3256	2005	1251	108	65

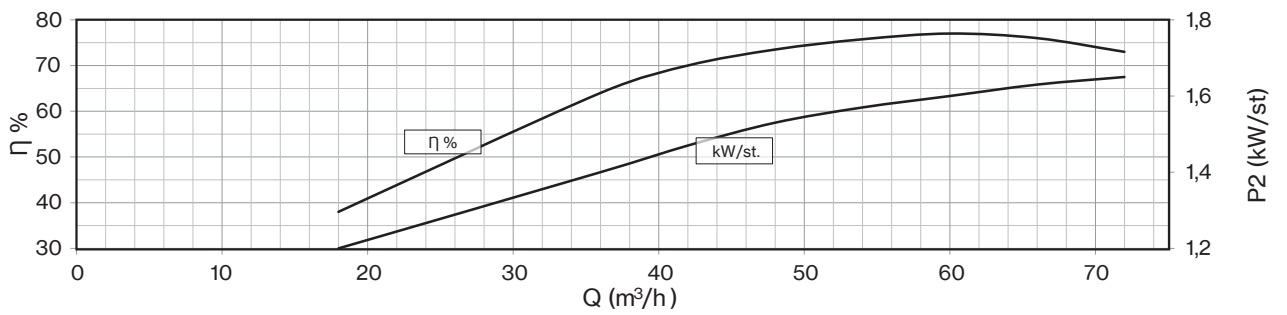
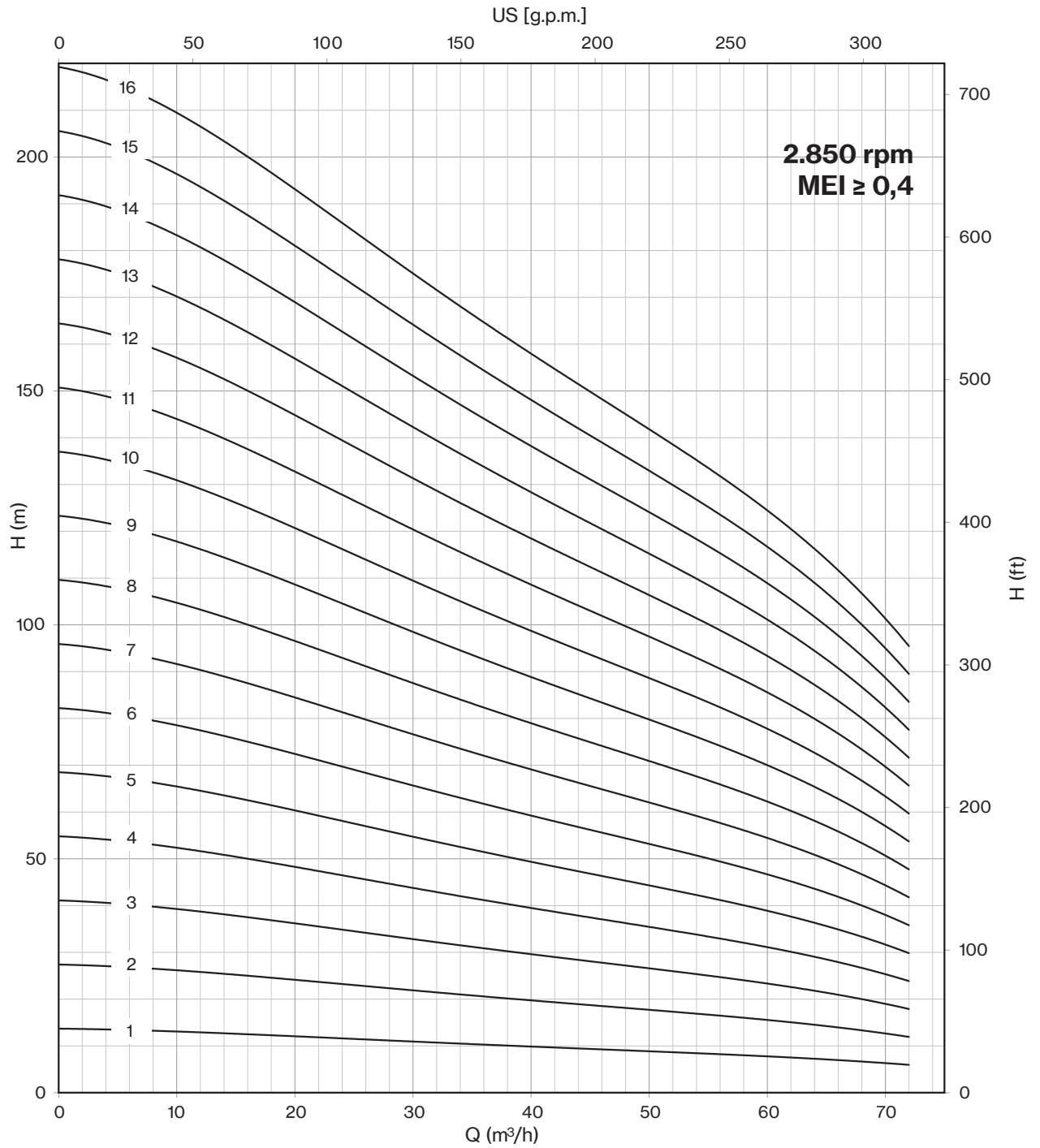


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

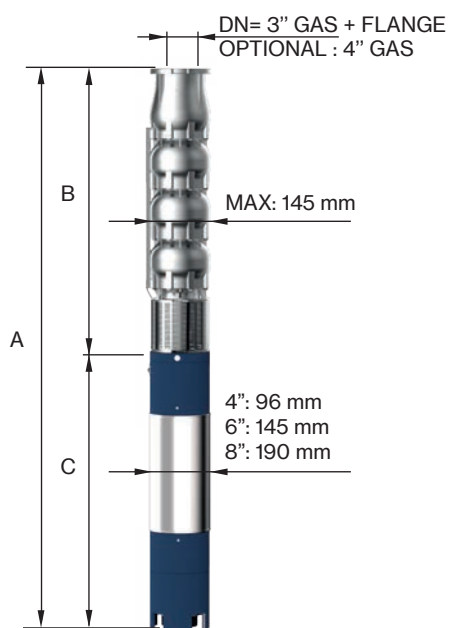
Max Eff. % =	77
Max kW / St. =	1,65

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,8	3,8	5,1	7,1

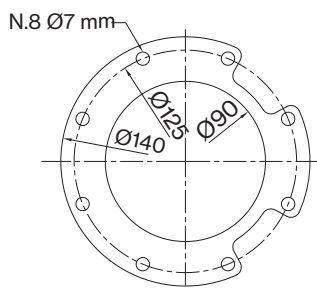
6LM 60



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	600	700	800	900	1000	1100	1200
	HP	kW			0	5,0	10,0	11,7	13,3	15,0	16,7	18,3	20,0
	A		0	18	36	42	48	54	60	66	72		
6LM 60/17	40	30	61,1	H[m]	233	209	175	163	155	145	133	117	102
6LM 60/18	40	30	61,1		247	221	185	173	164	153	140	124	108
6LM 60/19	50	37	75,8		260	234	196	182	173	162	148	131	114
6LM 60/20	50	37	75,8		274	246	206	192	182	170	156	138	120
6LM 60/21	50	37	75,8		288	258	216	202	191	179	164	145	126
6LM 60/22	50	37	75,8		301	271	227	211	200	187	172	152	132
6LM 60/23	60	45	86,3		315	283	237	221	209	196	179	159	138
6LM 60/24	60	45	86,3		329	295	247	230	218	204	187	166	144
6LM 60/25	60	45	86,3		343	308	258	240	228	213	195	173	150
6LM 60/26	60	45	86,3		356	320	268	250	237	221	203	179	156
6LM 60/27	60	45	86,3		370	332	278	259	246	230	211	186	162
6LM 60/28	75	55	106,2		384	344	288	269	255	238	218	193	168
6LM 60/29	75	55	106,2		397	357	299	278	264	247	226	200	174
6LM 60/30	75	55	106,2		411	369	309	288	273	255	234	207	180
6LM 60/31	75	55	106,2		425	381	319	298	282	264	242	214	186
6LM 60/32	75	55	106,2		438	394	330	307	291	272	250	221	192
6LM 60/33	75	55	106,2	452	406	340	317	300	281	257	228	198	



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 60/17	3363	2112	1251	108	69
6LM 60/18	3470	2219	1251	108	73
6LM 60/19	3667	2326	1341	118	77
6LM 60/20	3774	2433	1341	118	81
6LM 60/21	3881	2540	1341	118	84
6LM 60/22	3988	2647	1341	118	88
6LM 60/23	3944	2821	1123	178	96
6LM 60/24	4051	2928	1123	178	100
6LM 60/25	4158	3035	1123	178	103
6LM 60/26	4265	3142	1123	178	107
6LM 60/27	4372	3249	1123	178	111
6LM 60/28	4589	3356	1233	200	115
6LM 60/29	4696	3463	1233	200	119
6LM 60/30	4803	3570	1233	200	122
6LM 60/31	4910	3677	1233	200	126
6LM 60/32	5017	3784	1233	200	130
6LM 60/33	5124	3891	1233	200	134

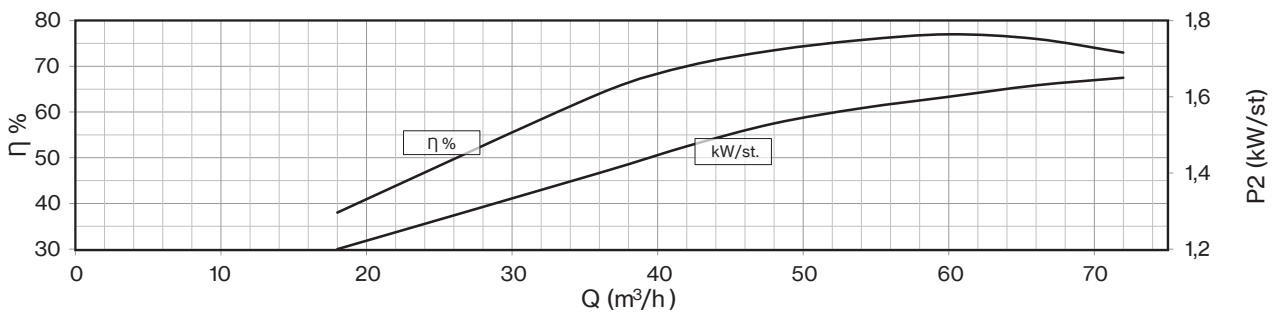
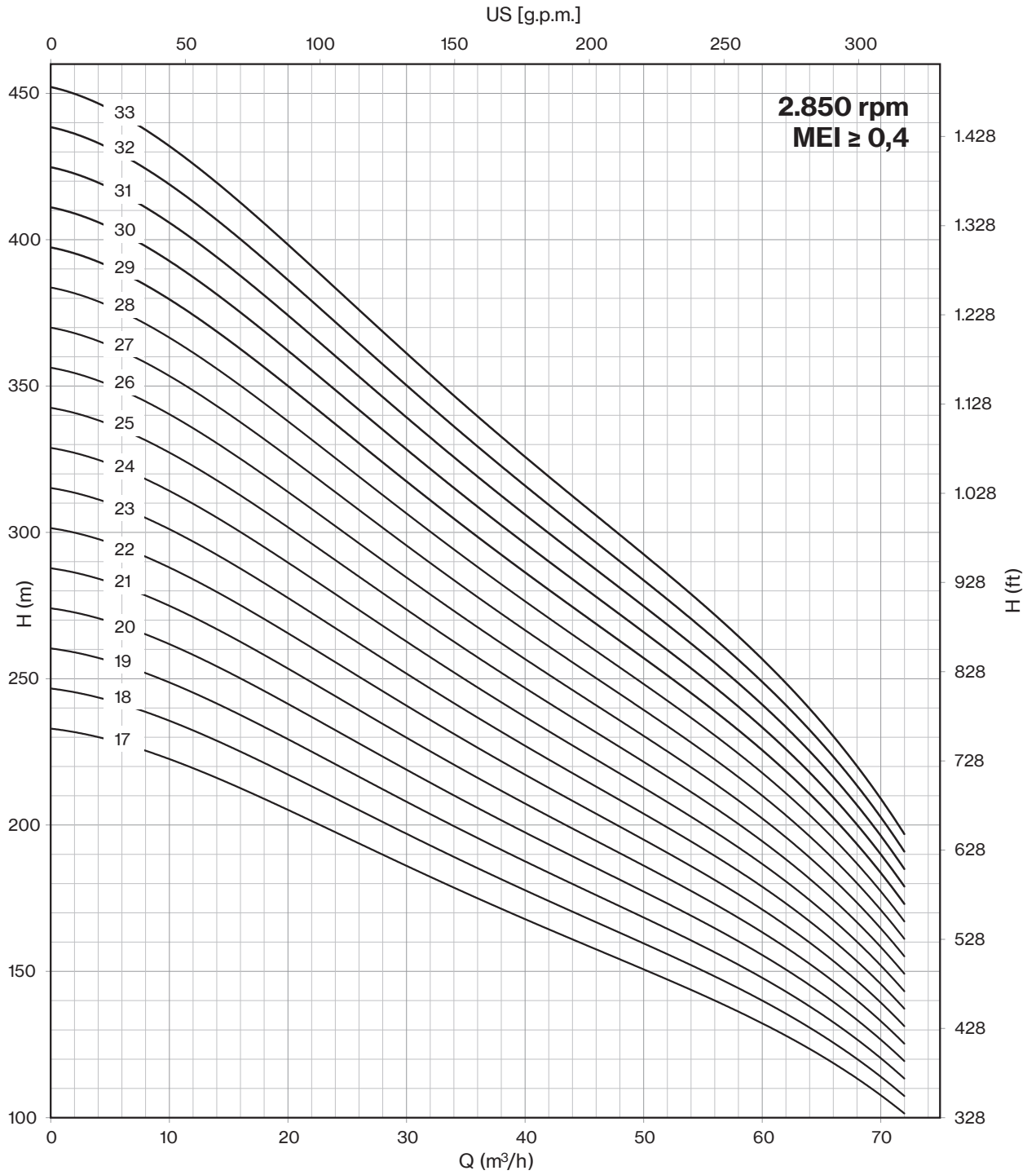


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

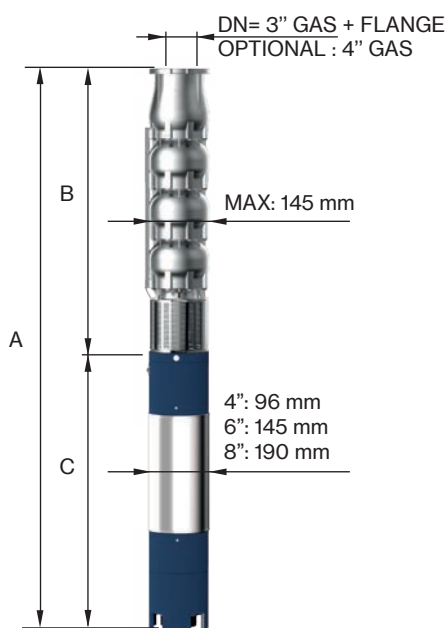
Max Eff. % =	77
Max kW / St. =	1,65

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,8	3,8	5,1	7,1

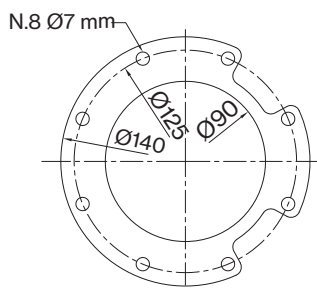
6LM 60



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	900	1000	1100	1200	1300	1400	1500
	HP	kW			0	5,0	15,0	16,7	18,3	20,0	21,7	23,3	25,0
	A		0	18	54	60	66	72	78	84	90		
6LM 70/01	3	2,2	5,5	H[m]	13	12	10	9	9	9	8	7	6
6LM 70/02	7,5	5,5	12,5		26	24	19	19	18	17	15	13	11
6LM 70/03	10	7,5	16,3		39	36	29	28	27	26	23	20	17
6LM 70/04	12,5	9,2	19,9		52	48	38	38	36	34	30	26	22
6LM 70/05	15	11	23,4		66	61	48	47	46	43	38	33	28
6LM 70/06	20	15	31,5		79	73	57	56	55	51	46	40	34
6LM 70/07	25	18,5	38,3		92	85	67	66	64	60	53	46	39
6LM 70/08	25	18,5	38,3		105	97	76	75	73	68	61	53	45
6LM 70/09	30	22	45,1		118	109	86	85	82	77	68	59	50
6LM 70/10	30	22	45,1		131	121	96	94	91	85	76	66	56
6LM 70/11	35	26	52,9		144	133	105	103	100	94	84	73	62
6LM 70/12	40	30	61,1		157	145	115	113	109	102	91	79	67
6LM 70/13	40	30	61,1		170	157	124	122	118	111	99	86	73



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 70/01	812	360	452	15	8
6LM 70/02	1165	467	698	27	12
6LM 70/03	1315	614	701	55	16
6LM 70/04	1472	721	751	60	20
6LM 70/05	1639	828	811	65	24
6LM 70/06	1866	935	931	75	27
6LM 70/07	2033	1042	991	83	31
6LM 70/08	2140	1149	991	83	35
6LM 70/09	2327	1256	1071	92	39
6LM 70/10	2434	1363	1071	92	43
6LM 70/11	2651	1470	1181	100	46
6LM 70/12	2828	1577	1251	108	50
6LM 70/13	2935	1684	1251	108	54

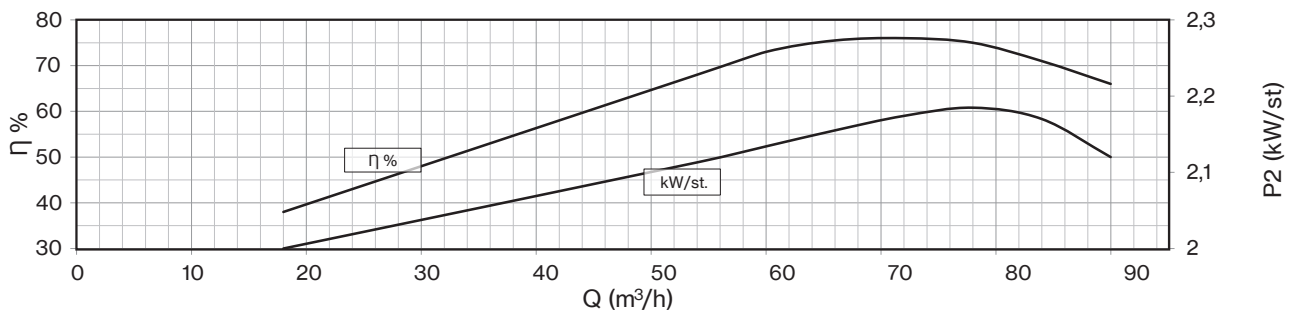
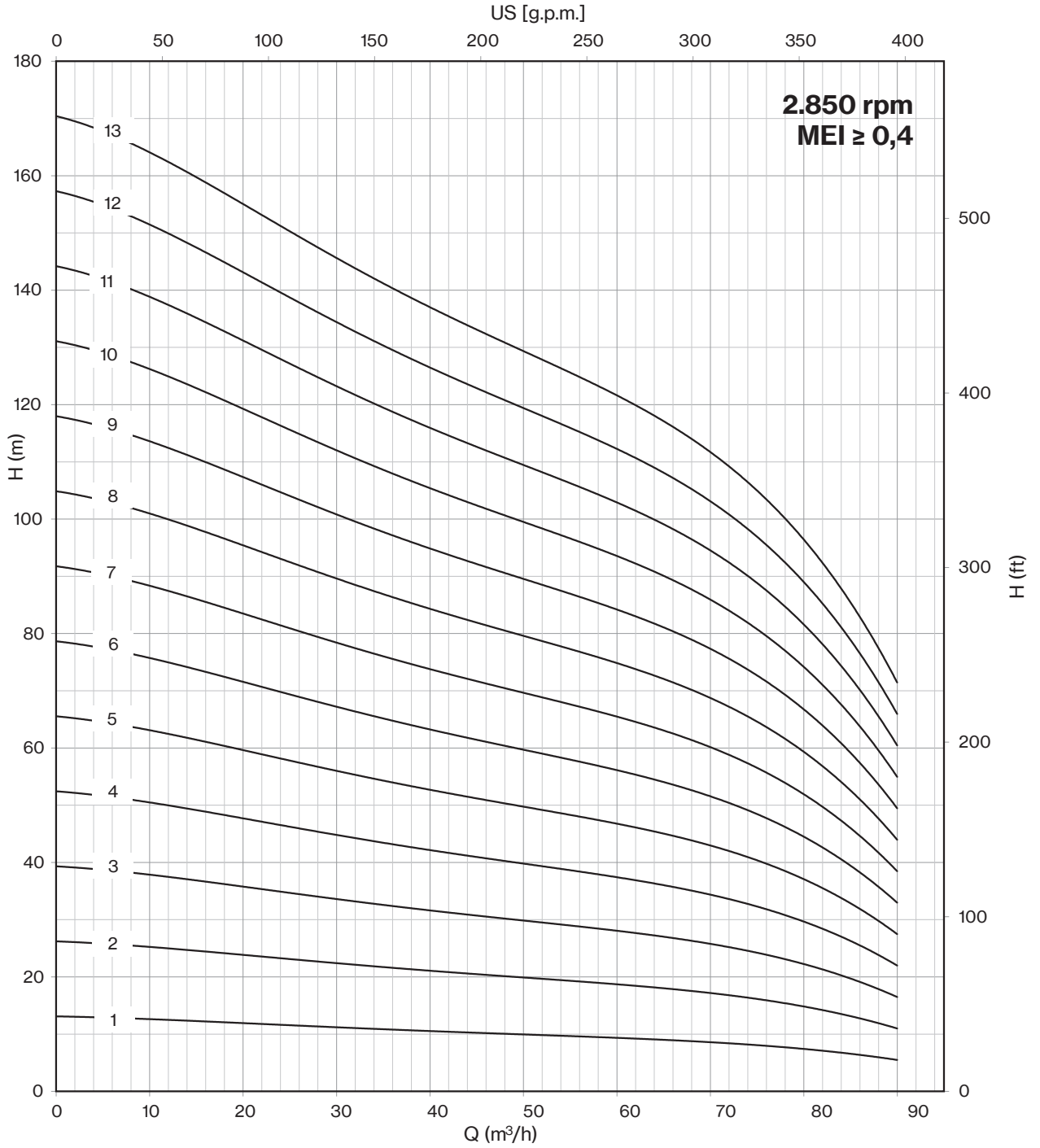


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

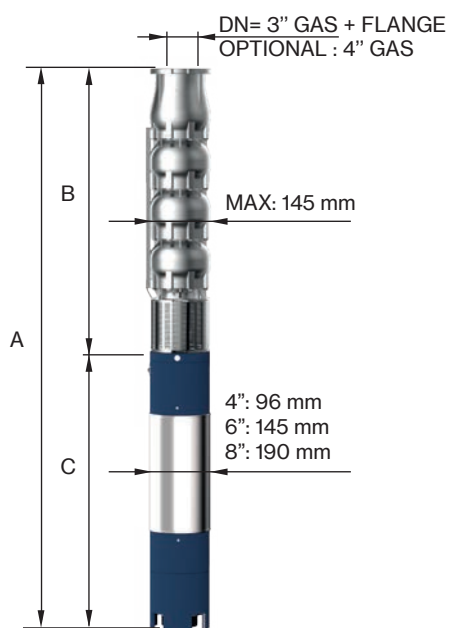
Max Eff. % =	76
Max kW / St. =	2,8

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,8	3,8	5,1	7,1

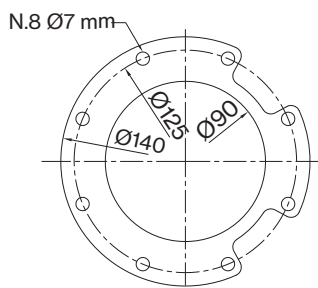
6LM 70



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	900	1000	1100	1200	1300	1400	1500
	HP	kW			A	0	5,0	15,0	16,7	18,3	20,0	21,7	23,3
				H[m]	0	18	54	60	66	72	78	84	90
6LM 70/14	50	37	75,8	H[m]	183	169	134	132	127	119	106	92	78
6LM 70/15	50	37	75,8		197	182	143	141	137	128	114	99	84
6LM 70/16	50	37	75,8		210	194	153	150	146	136	122	106	90
6LM 70/17	60	45	86,3		223	206	162	160	155	145	129	112	95
6LM 70/18	60	45	86,3		236	218	172	169	164	153	137	119	101
6LM 70/19	60	45	86,3		249	230	181	179	173	162	144	125	106
6LM 70/20	60	45	86,3		262	242	191	188	182	170	152	132	112
6LM 70/21	75	55	106,2		275	254	201	197	191	179	160	139	118
6LM 70/22	75	55	106,2		288	266	210	207	200	187	167	145	123
6LM 70/23	75	55	106,2		301	278	220	216	209	196	175	152	129
6LM 70/24	75	55	106,2		314	290	229	226	218	204	182	158	134
6LM 70/25	75	55	106,2		328	303	239	235	228	213	190	165	140



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
6LM 70/14	3132	1791	1341	118	58
6LM 70/15	3239	1898	1341	118	62
6LM 70/16	3346	2005	1341	118	65
6LM 70/17	3235	2112	1123	178	69
6LM 70/18	3342	2219	1123	178	73
6LM 70/19	3516	2393	1123	178	81
6LM 70/20	3623	2500	1123	178	84
6LM 70/21	3840	2607	1233	200	88
6LM 70/22	3947	2714	1233	200	92
6LM 70/23	4054	2821	1233	200	96
6LM 70/24	4161	2928	1233	200	100
6LM 70/25	4268	3035	1233	200	103

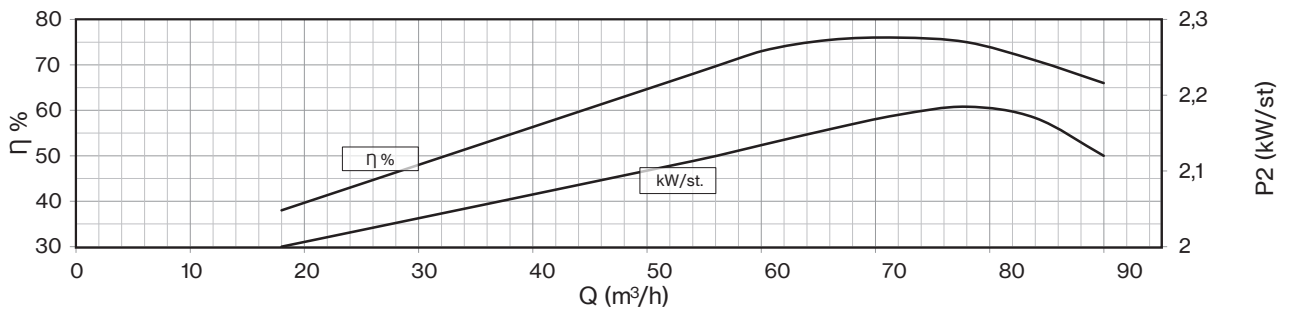
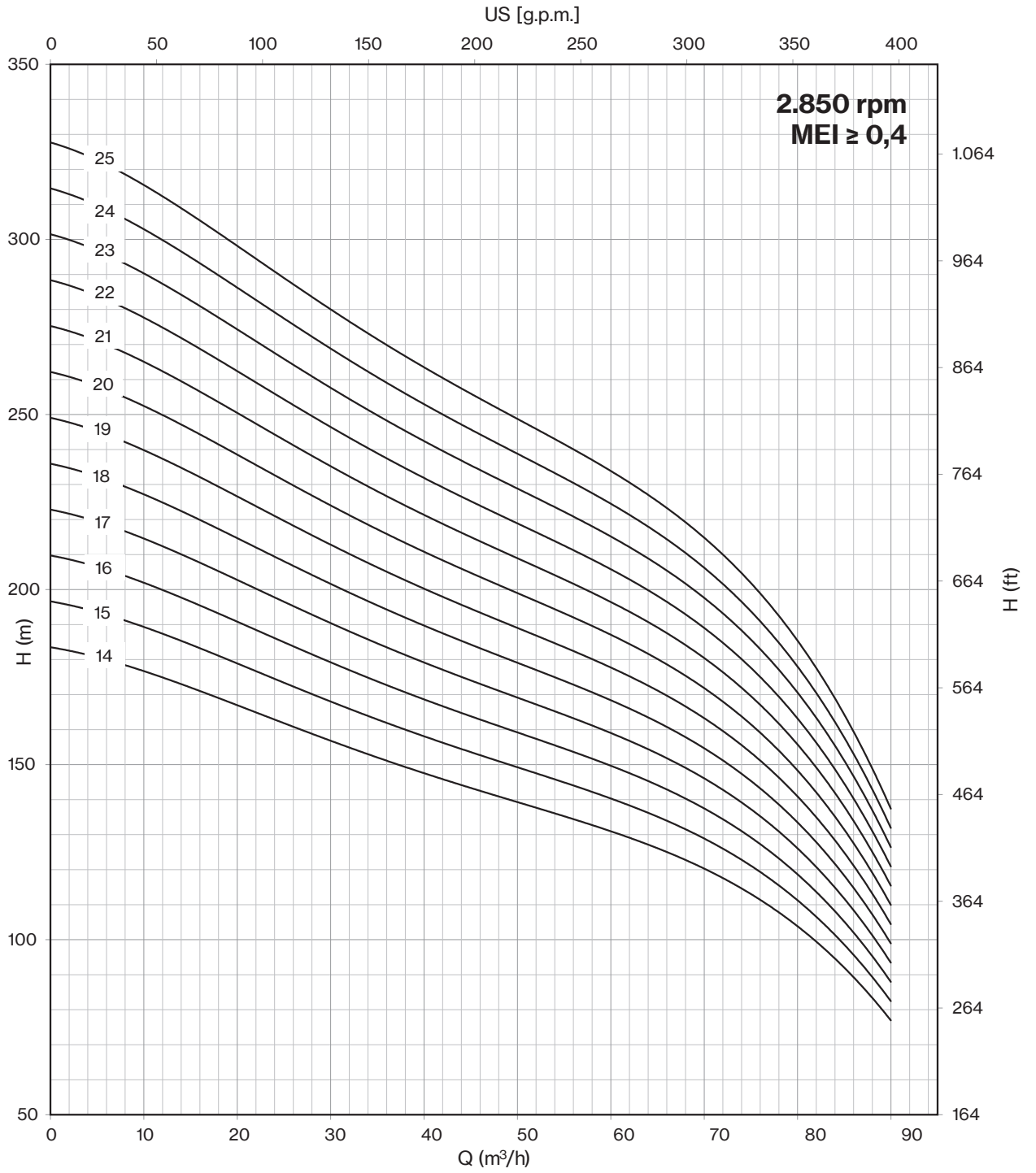


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 88,9 mm

Max Eff. % =	76
Max kW / St. =	2,8

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,8	3,8	5,1	7,1

6LM 70

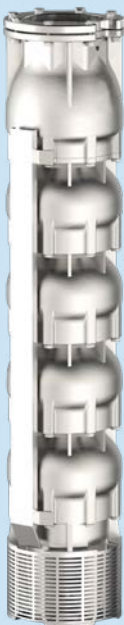


8LR & 8LM lines

Deepwell Borehole



8LR line



8LM line



Submersible multistage centrifugal pumps for 8" wells. Check valve built into the delivery outlet. Pump flange for coupling with motors are made according to NEMA standards. Most common applications are civil and agricultural. All components are made of stainless steel with lost wax Microfusion technology. The standard material is AISI 304 stainless steel, alternatively the following materials are available on request: AISI 316 Steel, Duplex steel, AISI 904L Steel. Bushing bearings and wear-rings made of sand abrasion-resistant rubber, reverse-Thrust ring in PTFE/ Graphite.

General operating data:

- Capacity up to 860 m³/h
- Pressure up to 800 m
- Hydraulic efficiency 8", up to 81,5%
- Pressure up to 80 bar
- Powers up to 400 kW
- Rotation speed up to 3600 rpm
- Maximum depth: 350 m
- Maximum quantity of permitted sand: 100 gr/m³
- Drinking water compatibility according to DM174 MEI >= 0,4 (EU directive No.547/2012)
- Performance tolerance: ISO9906-3B.

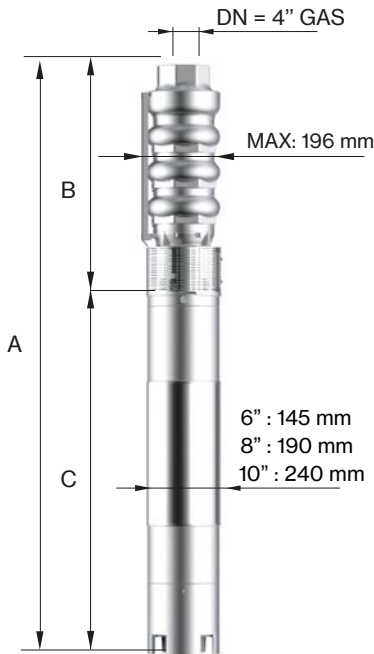
Construction features

Suction and delivery outlet	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Valve	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Impellers and diffusers	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Upper bushings	NBR rubber
Shaft pump side	stainless steel AISI 304 (LRS-LMS) stainless steel AISI 316 (LRX-LMX) Duplex (LRD-LMD)
Quantity of sand in the water	max 100 gr/m ³



8LR 34

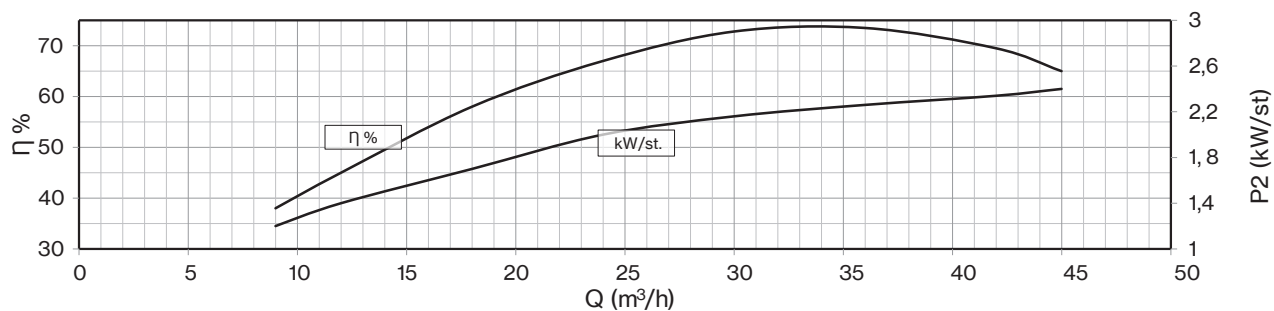
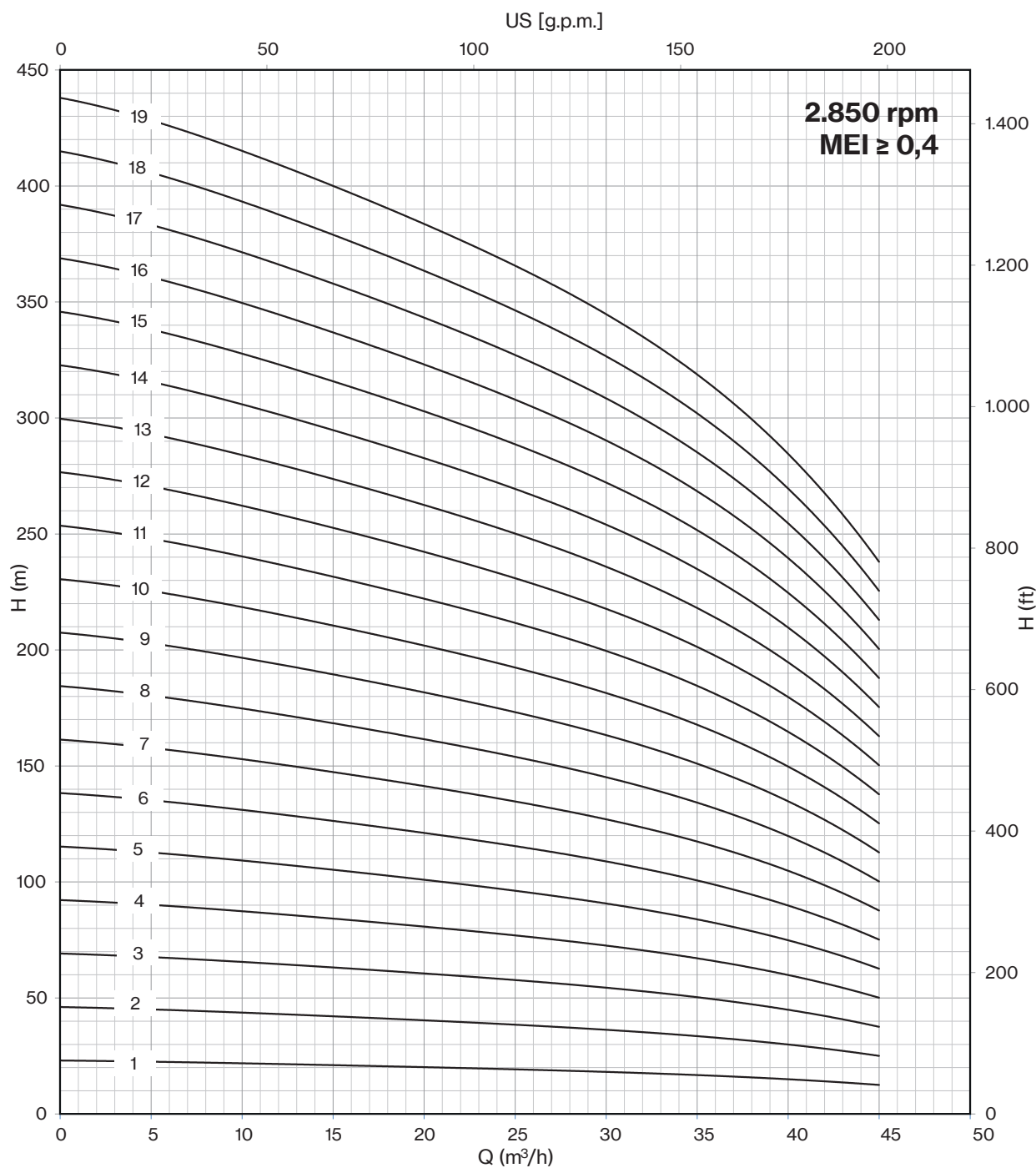
Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m³/h	0	150	200	300	400	500	600	700	750
	HP	kW			A	0	2,5	3,3	5,0	6,7	8,3	10,0	11,7
			0	9		12	18	24	30	36	42	45	
8LR 34/01	4	3	7,5	H[m]	23	22	21	20	20	18	17	14	13
8LR 34/02	7,5	5,5	12,5		46	45	42	41	39	37	33	28	25
8LR 34/03	10	7,5	16,3		69	67	64	61	59	55	50	41	38
8LR 34/04	15	11	23,4		92	90	85	82	78	73	66	55	51
8LR 34/05	17,5	13	27,3		115	112	106	102	98	92	83	69	64
8LR 34/06	20	15	31,5		138	134	127	122	117	110	99	83	76
8LR 34/07	25	18,5	38,3		161	157	148	143	137	128	116	97	89
8LR 34/08	30	22	45,1		184	179	170	163	156	146	132	110	102
8LR 34/09	30	22	45,1		207	202	191	184	176	165	149	124	114
8LR 34/10	35	26	52,9		230	224	212	204	195	183	165	138	127
8LR 34/11	40	30	61,1		253	246	233	224	215	201	182	152	140
8LR 34/12	40	30	61,1		276	269	254	245	234	220	198	166	152
8LR 34/13	50	37	75,8		299	291	276	265	254	238	215	179	165
8LR 34/14	50	37	75,8		322	314	297	286	273	256	231	193	178
8LR 34/15	50	37	75,8		345	336	318	306	293	275	248	207	191
8LR 34/16	60	45	86,3		368	358	339	326	312	293	264	221	203
8LR 34/17	60	45	86,3		391	381	360	347	332	311	281	235	216
8LR 34/18	60	45	86,3		414	403	382	367	351	329	297	248	229
8LR 34/19	75	55	106,2		437	426	403	388	371	348	314	262	241



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LR 34/01	917	360	557	19	15
8LR 34/02	1138	440	698	27	21
8LR 34/03	1221	520	701	55	27
8LR 34/04	1411	600	811	65	33
8LR 34/05	1521	680	841	70	40
8LR 34/06	1691	760	931	75	46
8LR 34/07	1831	840	991	83	52
8LR 34/08	1991	920	1071	92	58
8LR 34/09	2071	1000	1071	92	64
8LR 34/10	2261	1080	1181	100	70
8LR 34/11	2411	1160	1251	108	76
8LR 34/12	2491	1240	1251	108	82
8LR 34/13	2661	1320	1341	118	88
8LR 34/14	2771	1430	1341	118	95
8LR 34/15	2851	1510	1341	118	101
8LR 34/16	2713	1590	1123	178	107
8LR 34/17	2793	1670	1123	178	113
8LR 34/18	2873	1750	1123	178	119
8LR 34/19	3063	1830	1233	200	125

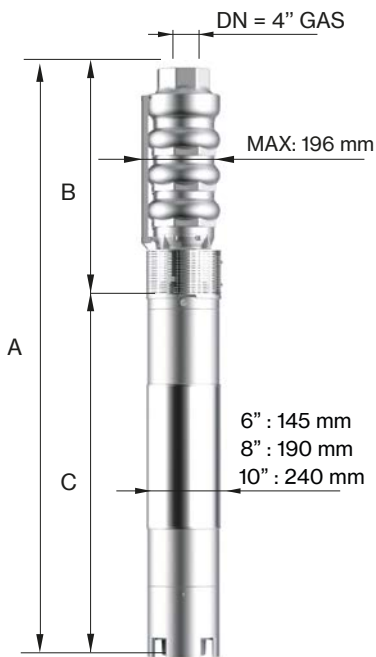
Max Eff. % =	73,5
Max kW / St. =	2,4

Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4,5	6,7



8LR 34

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	I/min	0	150	200	300	400	500	600	700	750
	HP	kW		A	I/sec	0	2,5	3,3	5,0	6,7	8,3	10,0	11,7
			m ³ /h		0	9	12	18	24	30	36	42	45
8LR 34/20*	75	55	106,2	H[m]	460	448	424	408	390	366	330	276	254
8LR 34/21*	75	55	106,2		483	470	445	428	410	384	347	290	267
8LR 34/22*	75	55	106,2		506	493	466	449	429	403	363	304	279
8LR 34/23*	90	66	126,0		529	515	488	469	449	421	380	317	292
8LR 34/24*	90	66	126,0		552	538	509	490	468	439	396	331	305
8LR 34/25*	90	66	126,0		575	560	530	510	488	458	413	345	318
8LR 34/26*	90	66	126,0		598	582	551	530	507	476	429	359	330
8LR 34/27*	90	66	126,0		621	605	572	551	527	494	446	373	343
8LR 34/28*	100	75	143,2		644	627	594	571	546	512	462	386	356
8LR 34/29*	100	75	143,2		667	650	615	592	566	531	479	400	368
8LR 34/30*	100	75	143,2		690	672	636	612	585	549	495	414	381
8LR 34/31*	100	75	143,2		713	694	657	632	605	567	512	428	394
8LR 34/32*	125	92	175,1		736	717	678	653	624	586	528	442	406
8LR 34/33*	125	92	175,1		759	739	700	673	644	604	545	455	419

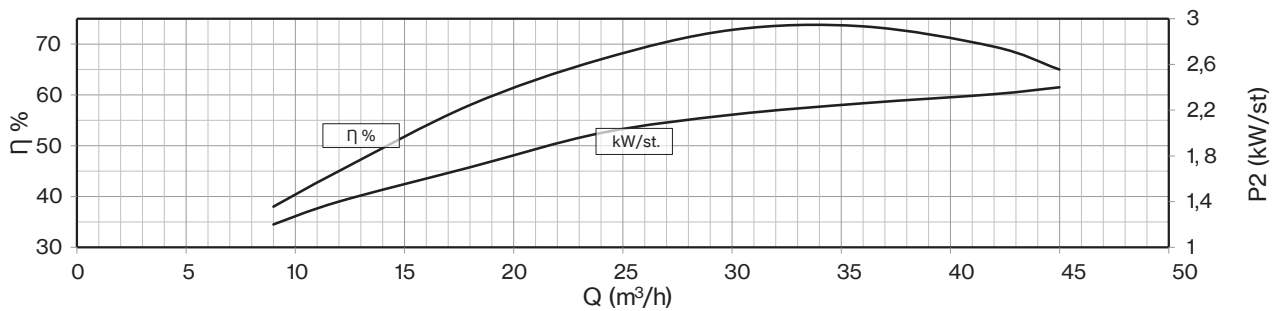
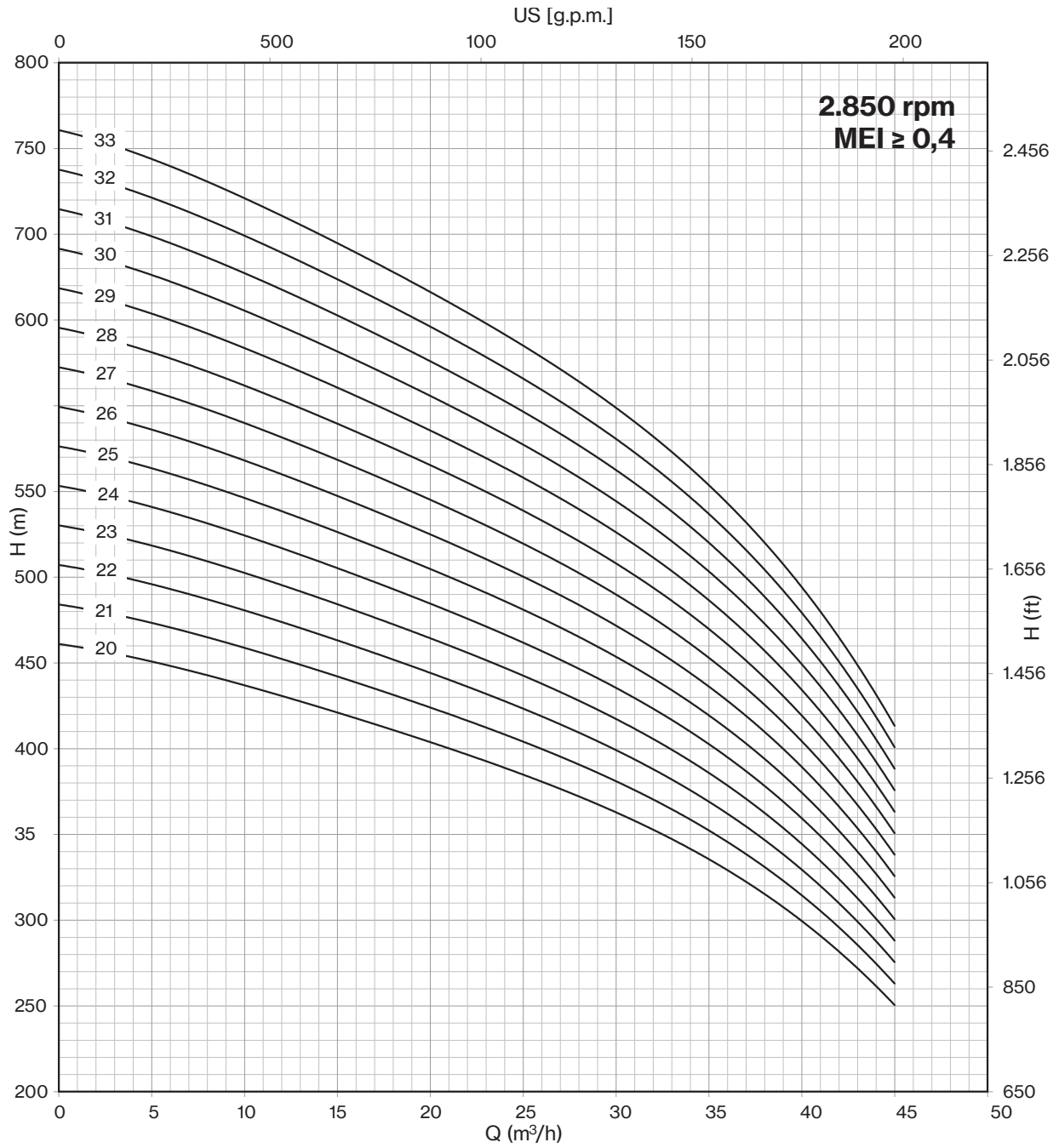


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	A	B	C	M	P
8LR 34/20*	3143	1910	1233	200	132
8LR 34/21*	3223	1990	1233	200	138
8LR 34/22*	3303	2070	1233	200	144
8LR 34/23*	3582	2280	1302	214	155
8LR 34/24*	3662	2360	1302	214	161
8LR 34/25*	3742	2440	1302	214	167
8LR 34/26*	3822	2520	1302	214	173
8LR 34/27*	3902	2600	1302	214	179
8LR 34/28*	4063	2680	1383	230	185
8LR 34/29*	4143	2760	1383	230	191
8LR 34/30*	4223	2840	1383	230	198
8LR 34/31*	4303	2920	1383	230	204
8LR 34/32*	4583	3000	1583	270	210
8LR 34/33*	4663	3080	1583	270	216

Max Eff. % =	73,5
Max kW / St. =	2,4

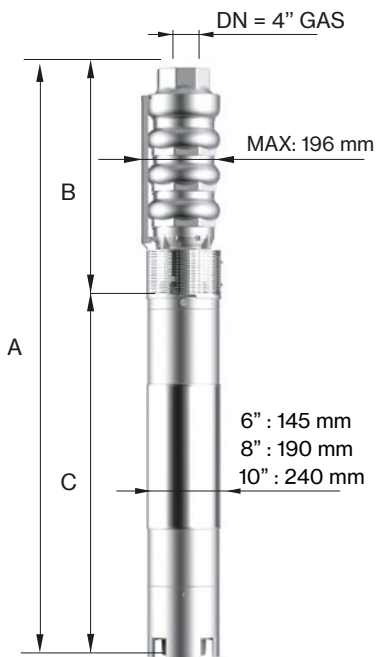
Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	4,5	6,7

* Coupled pump shaft



8LR 42

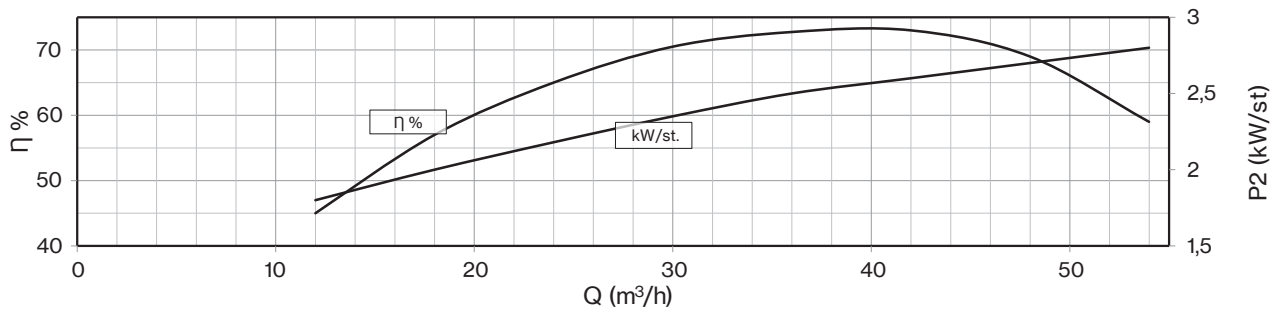
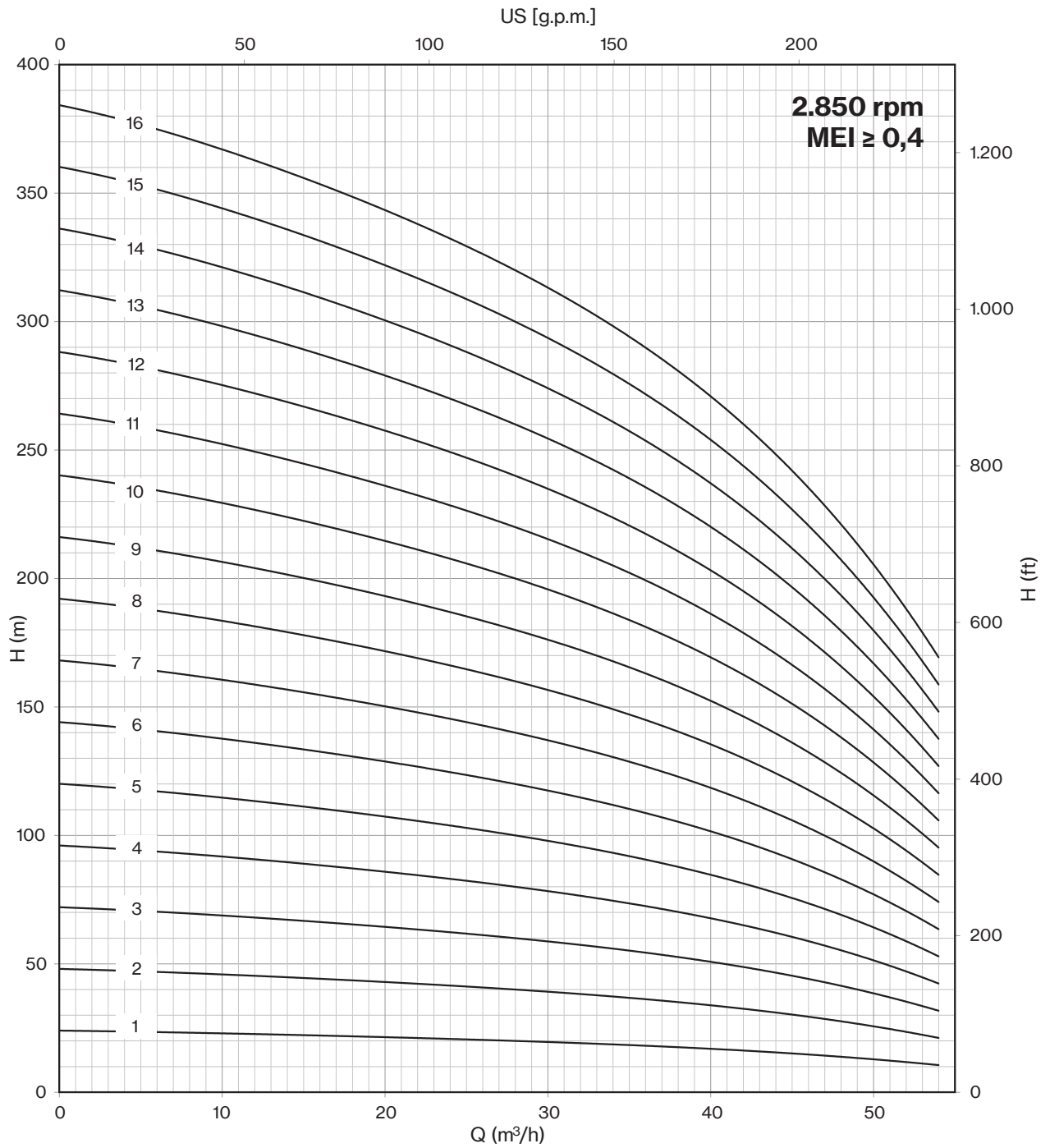
Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	200	300	400	500	600	700	800	900
	HP	kW			A	0	3,3	5,0	6,7	8,3	10,0	11,7	13,3
	H[m]												
8LR 42/01	4	3	7,5	24	23	22	21	20	18	16	14	11	
8LR 42/02	10	7,5	16,3	48	46	43	42	39	36	32	28	21	
8LR 42/03	12,5	9,2	19,9	72	68	65	62	59	55	49	41	32	
8LR 42/04	17,5	13	27,3	96	91	86	83	78	73	65	55	42	
8LR 42/05	20	15	31,5	120	114	108	104	98	91	81	69	53	
8LR 42/06	25	18,5	38,3	144	137	130	125	118	109	97	83	64	
8LR 42/07	30	22	45,1	168	160	151	146	137	127	113	97	74	
8LR 42/08	35	26	52,9	192	182	173	166	157	146	130	110	85	
8LR 42/09	35	26	52,9	216	205	194	187	176	164	146	124	95	
8LR 42/10	40	30	61,1	240	228	216	208	196	182	162	138	106	
8LR 42/11	50	37	75,8	264	251	238	229	216	200	178	152	117	
8LR 42/12	50	37	75,8	288	274	259	250	235	218	194	166	127	
8LR 42/13	50	37	75,8	312	296	281	270	255	237	211	179	138	
8LR 42/14	60	45	86,3	336	319	302	291	274	255	227	193	148	
8LR 42/15	60	45	86,3	360	342	324	312	294	273	243	207	159	
8LR 42/16	60	45	86,3	384	365	346	333	314	291	259	221	170	



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LR 42/01	917	360	557	19	15
8LR 42/02	1141	440	701	55	21
8LR 42/03	1271	520	751	60	27
8LR 42/04	1441	600	841	70	33
8LR 42/05	1611	680	931	75	40
8LR 42/06	1751	760	991	83	46
8LR 42/07	1911	840	1071	92	52
8LR 42/08	2101	920	1181	100	58
8LR 42/09	2181	1000	1181	100	64
8LR 42/10	2331	1080	1251	108	70
8LR 42/11	2501	1160	1341	118	76
8LR 42/12	2581	1240	1341	118	82
8LR 42/13	2661	1320	1341	118	88
8LR 42/14	2553	1430	1123	178	95
8LR 42/15	2633	1510	1123	178	101
8LR 42/16	2713	1590	1123	178	107

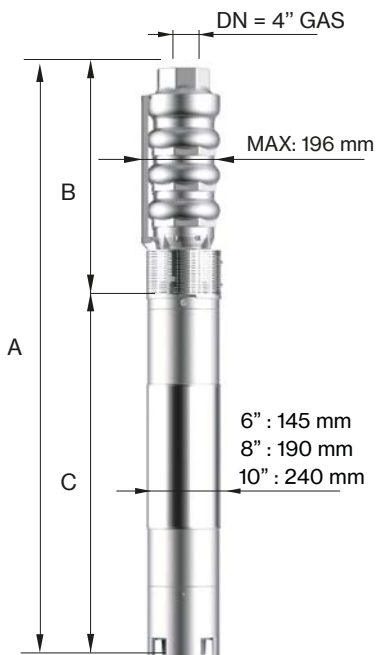
Max Eff. % =	73
Max kW / St. =	2,8

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	3,8	8



8LR 42

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	200	300	400	500	600	700	800	900
	HP	kW			0	3,3	5,0	6,7	8,3	10,0	11,7	13,3	15,0
			A	0	12	18	24	30	36	42	48	54	
8LR 42/17	75	55	106,2	H[m]	408	388	367	354	333	309	275	235	180
8LR 42/18	75	55	106,2		432	410	389	374	353	328	292	248	191
8LR 42/19	75	55	106,2		456	433	410	395	372	346	308	262	201
8LR 42/20*	90	66	126,0		480	456	432	416	392	364	324	276	212
8LR 42/21*	90	66	126,0		504	479	454	437	412	382	340	290	223
8LR 42/22*	90	66	126,0		528	502	475	458	431	400	356	304	233
8LR 42/23*	90	66	126,0		552	524	497	478	451	419	373	317	244
8LR 42/24*	100	75	143,2		576	547	518	499	470	437	389	331	254
8LR 42/25*	100	75	143,2		600	570	540	520	490	455	405	345	265
8LR 42/26*	100	75	143,2		624	593	562	541	510	473	421	359	276
8LR 42/27*	125	92	175,1		648	616	583	562	529	491	437	373	286
8LR 42/28*	125	92	175,1		672	638	605	582	549	510	454	386	297
8LR 42/29*	125	92	175,1		696	661	626	603	568	528	470	400	307
8LR 42/30*	125	92	175,1		720	684	648	624	588	546	486	414	318
8LR 42/31*	125	92	175,1		744	707	670	645	608	564	502	428	329
8LR 42/32*	125	92	175,1		768	730	691	666	627	582	518	442	339

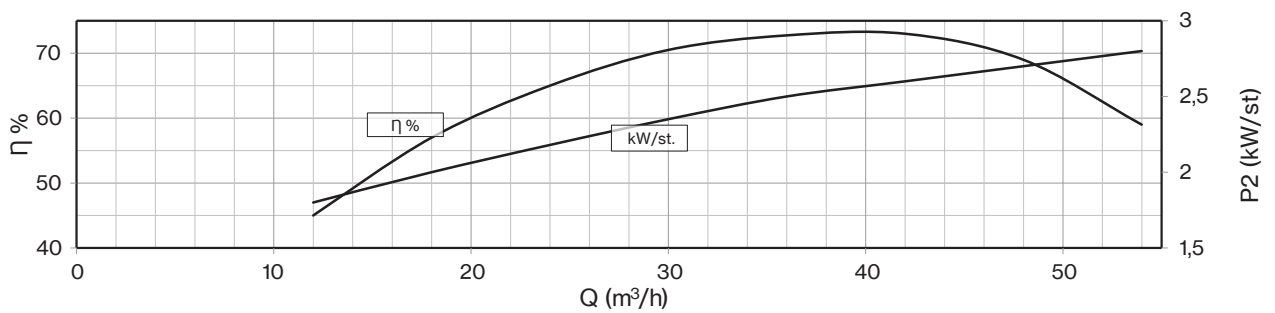
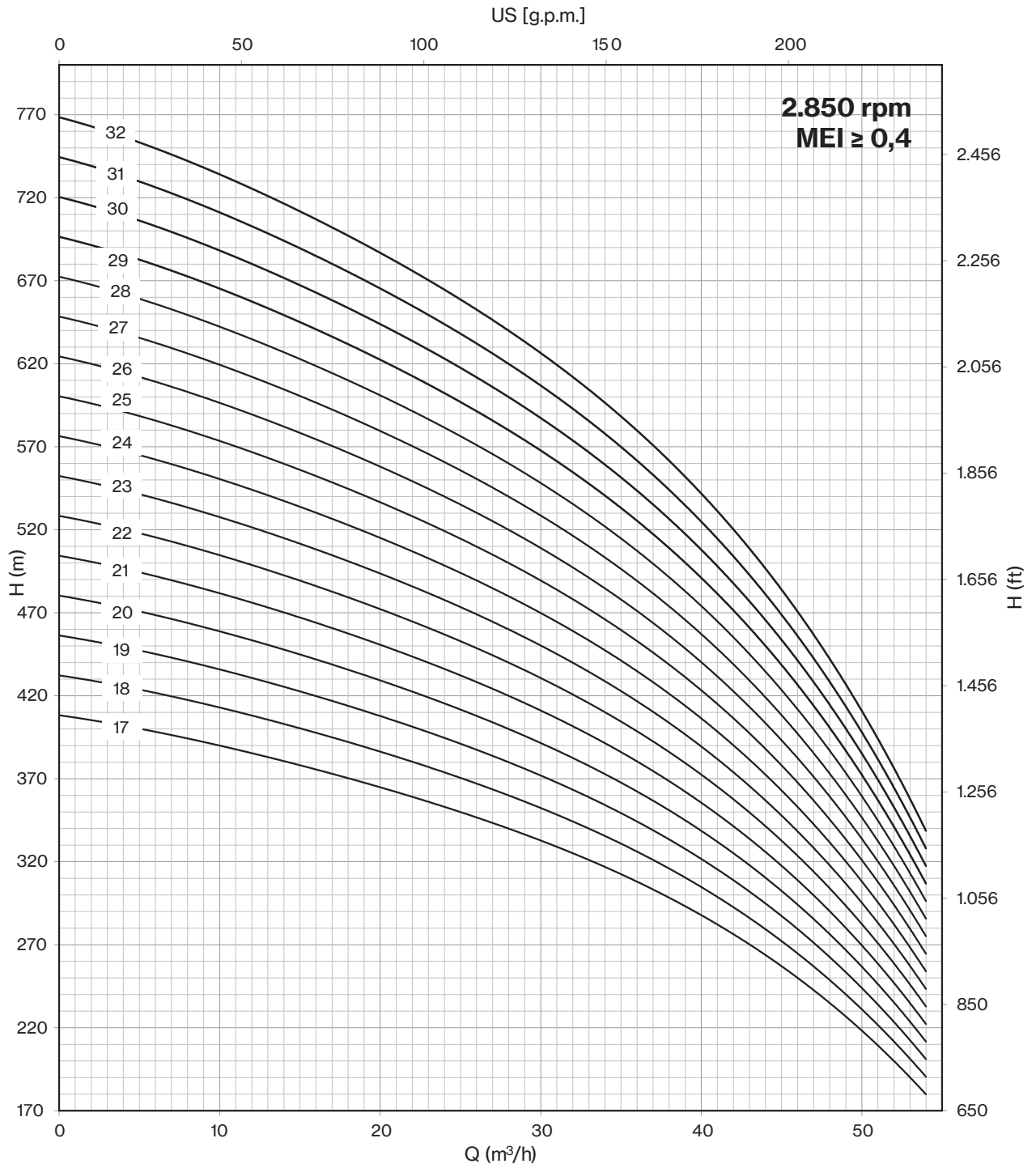


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LR 42/17	2903	1670	1233	200	113
8LR 42/18	2983	1750	1233	200	119
8LR 42/19	3063	1830	1233	200	125
8LR 42/20*	3342	2040	1302	214	137
8LR 42/21*	3422	2120	1302	214	143
8LR 42/22*	3502	2200	1302	214	149
8LR 42/23*	3582	2280	1302	214	155
8LR 42/24*	3743	2360	1383	230	161
8LR 42/25*	3823	2440	1383	230	167
8LR 42/26*	3903	2520	1383	230	173
8LR 42/27*	4183	2600	1583	270	179
8LR 42/28*	4263	2680	1583	270	185
8LR 42/29*	4343	2760	1583	270	191
8LR 42/30*	4423	2840	1583	270	198
8LR 42/31*	4503	2920	1583	270	204
8LR 42/32*	4583	3000	1583	270	210

Max Eff. % =	73
Max kW / St. =	2,8

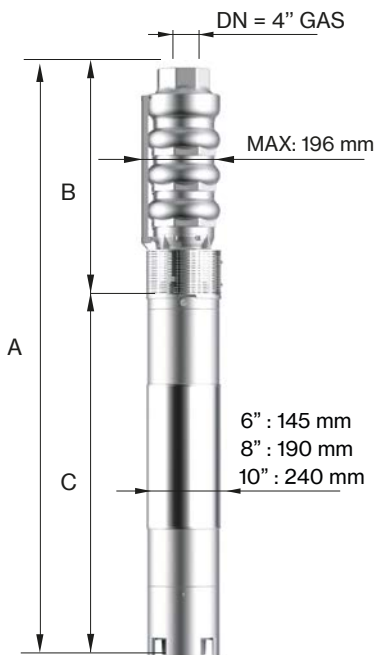
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	3,8	8

* Coupled pump shaft



8LR 52

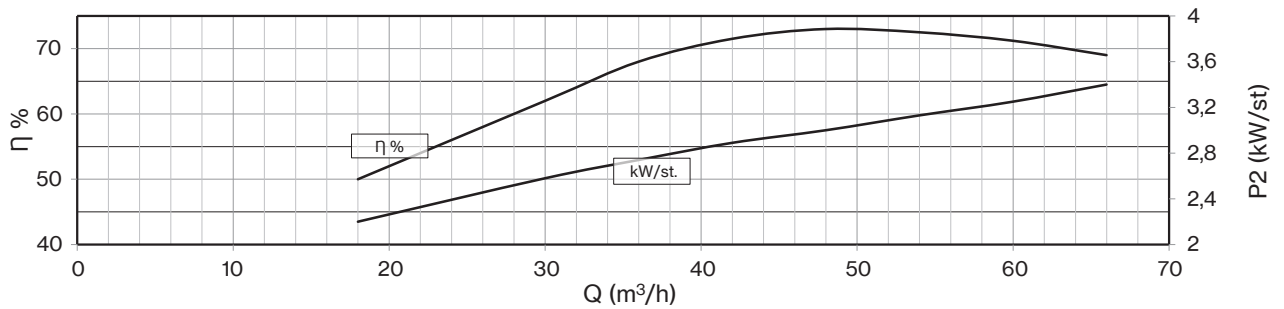
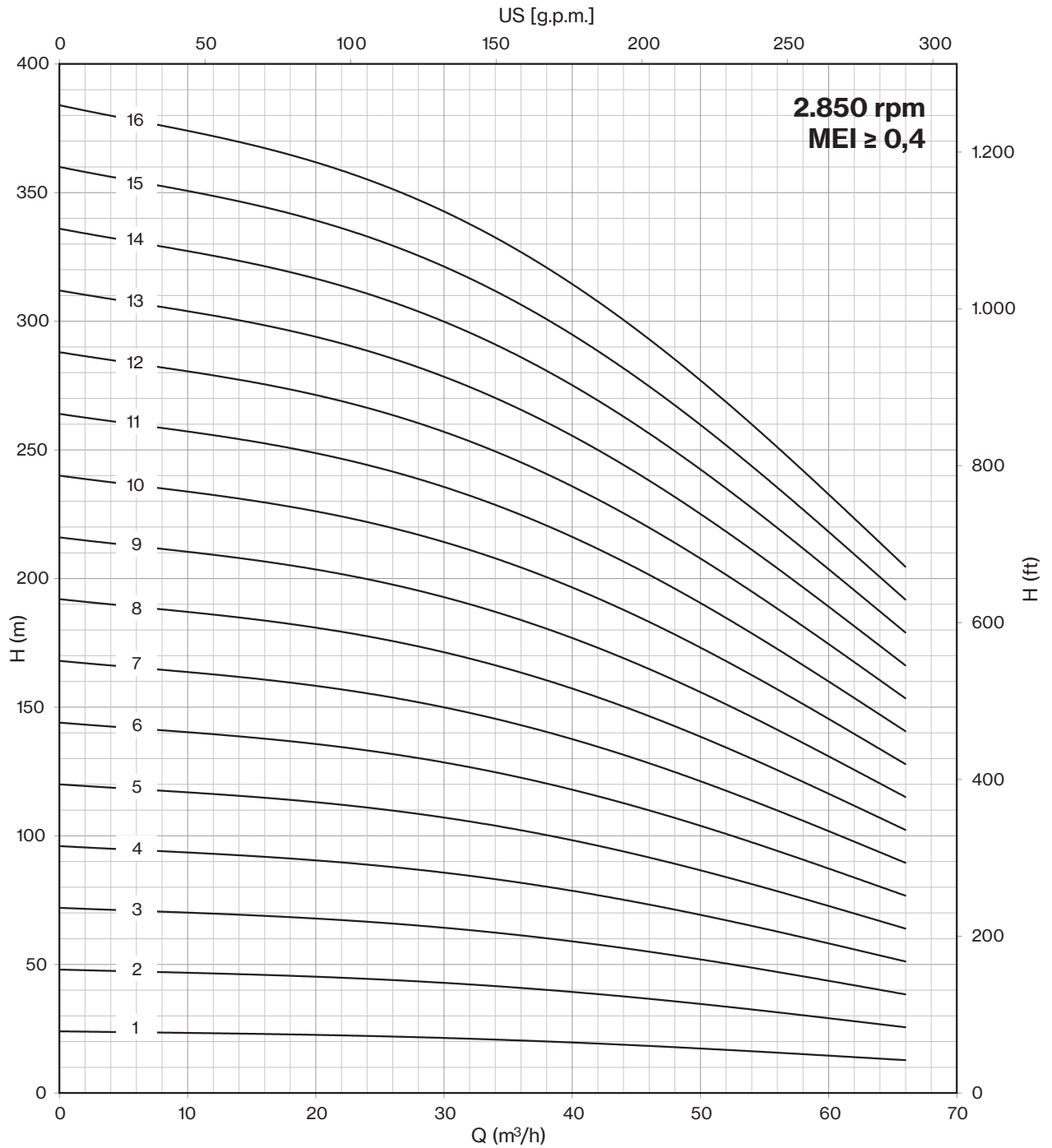
Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	500	600	700	800	900	1000	1100
	HP	kW			A	0	5,0	8,3	10,0	11,7	13,3	15,0	16,7
8LR 52/01	5,5	4	10,0	H[m]	0	18	30	36	42	48	54	60	66
8LR 52/02	10	7,5	16,3		24	23	22	20	19	18	16	15	13
8LR 52/03	15	11	23,4		48	46	43	41	39	36	33	29	26
8LR 52/04	20	15	31,5		72	68	65	61	58	53	49	44	38
8LR 52/05	25	18,5	38,3		96	91	86	81	77	71	65	58	51
8LR 52/06	30	22	45,1		120	114	108	102	97	89	82	73	64
8LR 52/07	35	26	52,9		144	137	129	122	116	107	98	87	77
8LR 52/08	40	30	61,1		168	159	151	142	135	125	114	102	90
8LR 52/09	50	37	75,8		192	182	172	162	154	142	130	116	102
8LR 52/10	50	37	75,8		216	205	194	183	174	160	147	131	115
8LR 52/11	60	45	86,3		240	228	215	203	193	178	163	145	128
8LR 52/12	60	45	86,3		264	251	237	223	212	196	179	160	141
8LR 52/13	60	45	86,3		288	273	258	244	232	214	196	174	154
8LR 52/14	75	55	106,2		312	296	280	264	251	231	212	189	166
8LR 52/15	75	55	106,2		336	319	301	284	270	249	228	203	179
8LR 52/16	75	55	106,2		360	342	323	305	290	267	245	218	192
8LR 52/16	75	55	106,2	384	364	344	325	309	285	261	232	205	



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LR 52/01	965	368	597	22	16
8LR 52/02	1157	456	701	55	22
8LR 52/03	1355	544	811	65	29
8LR 52/04	1563	632	931	75	35
8LR 52/05	1711	720	991	83	42
8LR 52/06	1879	808	1071	92	48
8LR 52/07	2077	896	1181	100	55
8LR 52/08	2235	984	1251	108	61
8LR 52/09	2413	1072	1341	118	68
8LR 52/10	2501	1160	1341	118	74
8LR 52/11	2401	1278	1123	178	81
8LR 52/12	2489	1366	1123	178	88
8LR 52/13	2577	1454	1123	178	94
8LR 52/14	2775	1542	1233	200	101
8LR 52/15	2863	1630	1233	200	107
8LR 52/16	2951	1718	1233	200	114

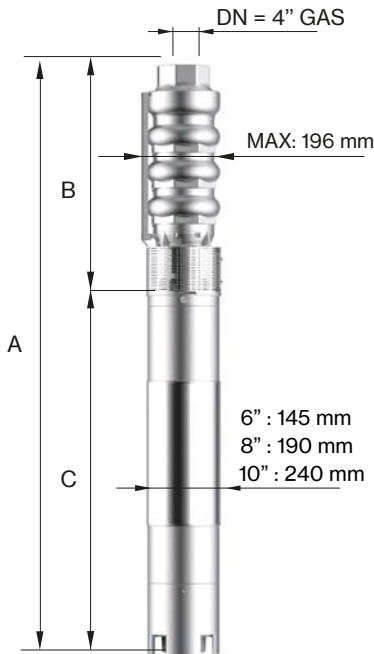
Max Eff. % =	73
Max kW / St. =	3,4

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,5	3,5	6	8



8LR 52

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m3/h	0	300	500	600	700	800	900	1000	1100
	HP	kW			A	0	5,0	8,3	10,0	11,7	13,3	15,0	16,7
			H[m]										
8LR 52/17	90	66	126,0		408	387	366	345	328	303	277	247	218
8LR 52/18	90	66	126,0		432	410	387	365	347	320	293	261	230
8LR 52/19	90	66	126,0		456	433	409	386	367	338	310	276	243
8LR 52/20*	100	75	143,2		480	456	430	406	386	356	326	290	256
8LR 52/21*	100	75	143,2		504	478	452	426	405	374	342	305	269
8LR 52/22*	100	75	143,2		528	501	473	447	425	392	359	319	282
8LR 52/23*	125	92	175,1		552	524	495	467	444	409	375	334	294
8LR 52/24*	125	92	175,1		576	547	516	487	463	427	391	348	307
8LR 52/25*	125	92	175,1		600	570	538	508	483	445	408	363	320
8LR 52/26*	125	92	175,1		624	592	559	528	502	463	424	377	333
8LR 52/27*	125	92	175,1		648	615	581	548	521	481	440	392	346
8LR 52/28 D*	150	110	219,0		672	638	602	568	540	498	456	406	358
8LR 52/29 D*	150	110	211,0		696	661	624	589	560	516	473	421	371
8LR 52/30 D*	150	110	211,0		720	683	645	609	579	534	489	435	384
8LR 52/31 D*	150	110	211,0		744	706	667	629	598	552	505	450	397
8LR 52/32 D*	150	110	211,0		768	729	688	650	618	570	522	464	410

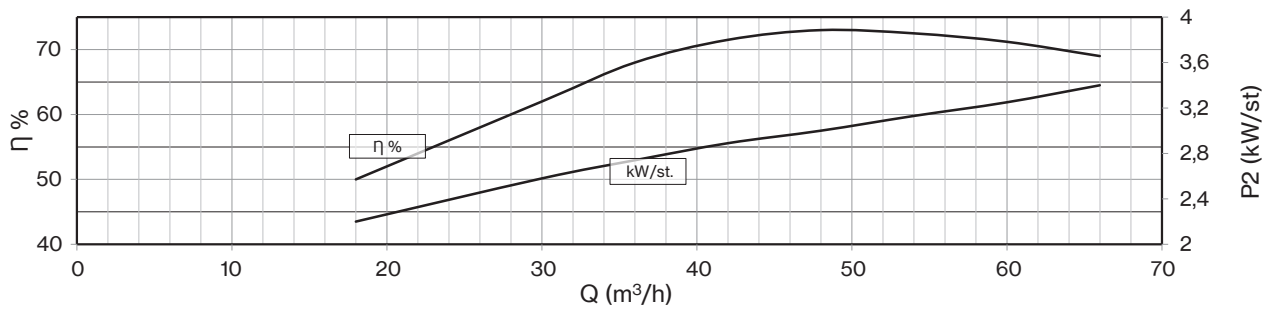
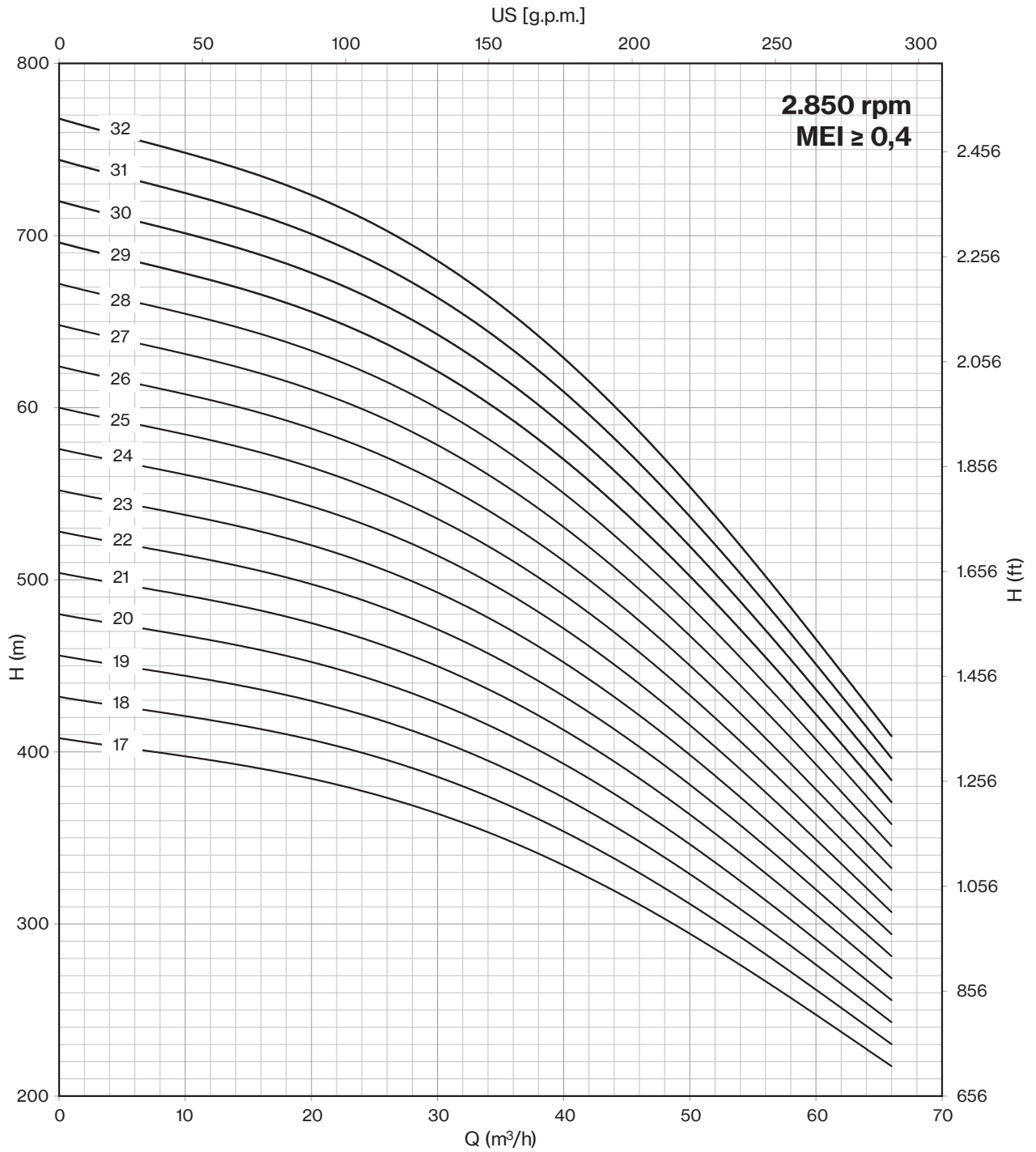


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LR 52/17	3108	1806	1302	214	120
8LR 52/18	3196	1894	1302	214	127
8LR 52/19	3284	1982	1302	214	133
8LR 52/20*	3583	2200	1383	230	145
8LR 52/21*	3671	2288	1383	230	151
8LR 52/22*	3759	2376	1383	230	158
8LR 52/23*	4047	2464	1583	270	164
8LR 52/24*	4135	2552	1583	270	171
8LR 52/25*	4223	2640	1583	270	177
8LR 52/26*	4311	2728	1583	270	184
8LR 52/27*	4399	2816	1583	270	190
8LR 52/28 D*	4824	2904	1920	350	197
8LR 52/29 D*	4725	2992	1733	300	203
8LR 52/30 D*	4813	3080	1733	300	210
8LR 52/31 D*	4901	3168	1733	300	216
8LR 52/32 D*	4989	3256	1733	300	223

Max Eff. % =	73
Max kW / St. =	3,4

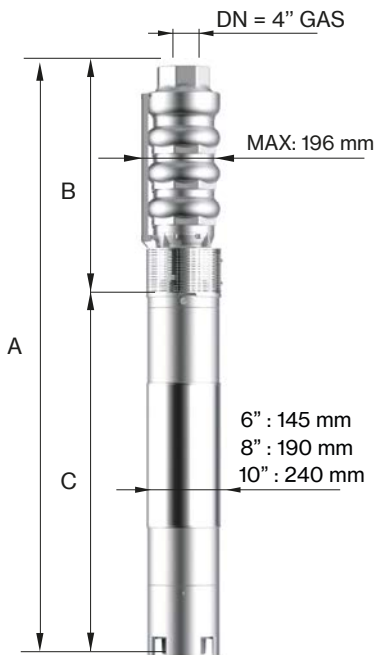
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,5	3,5	6	8

* Coupled pump shaft
"D" Pump shaft in Duplex



8LR 62

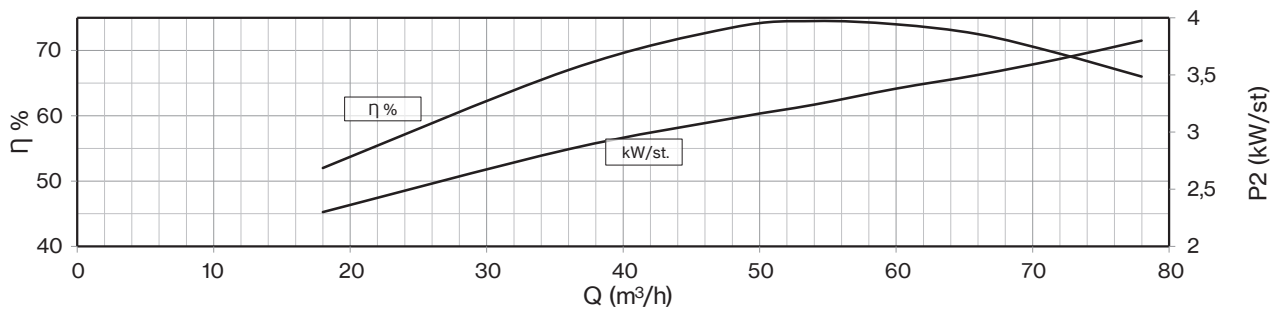
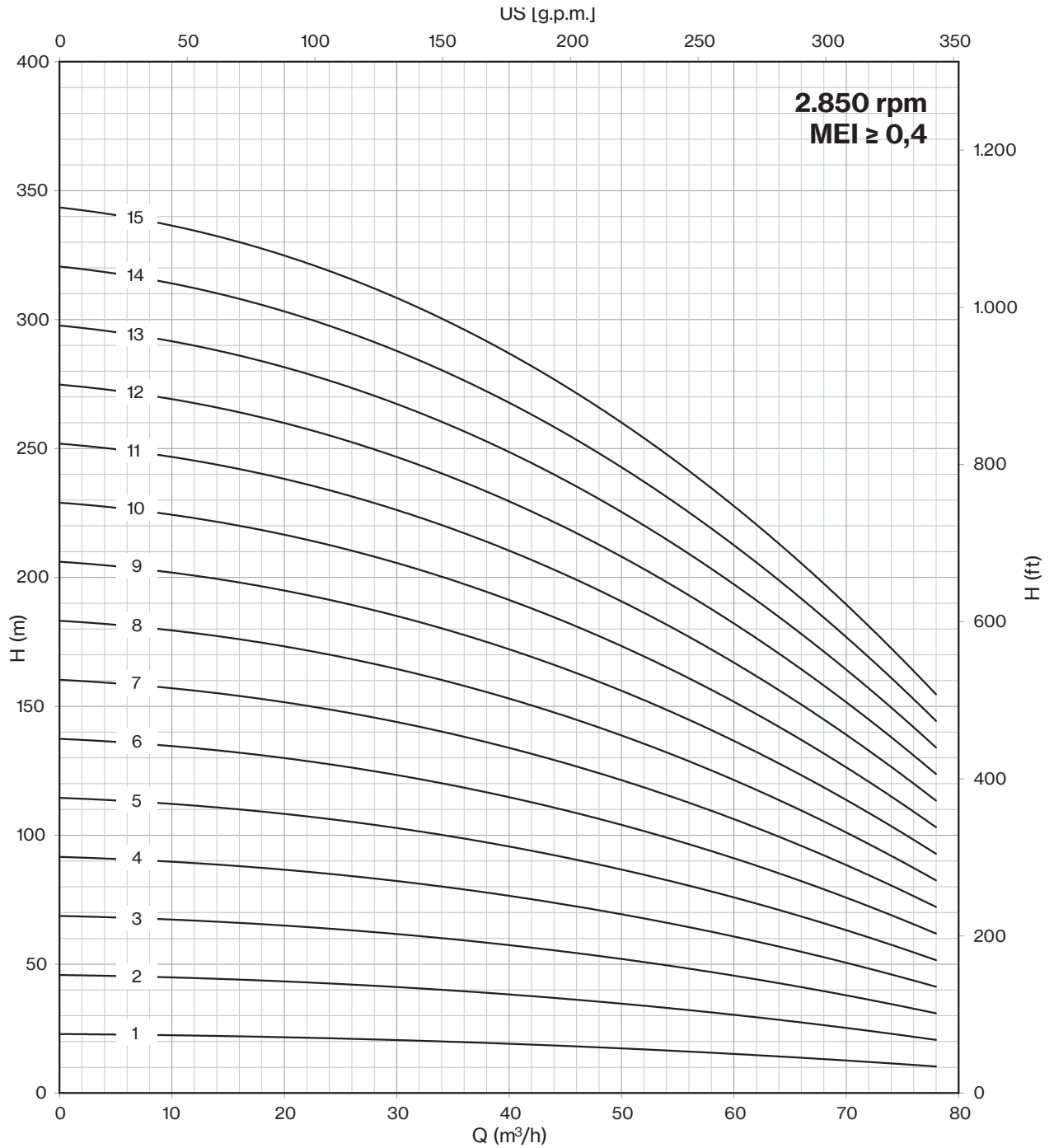
Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	300	600	800	900	1000	1100	1200	1300
	HP	kW	A	l/sec	0	5,0	10,0	13,3	15,0	16,7	18,3	20,0	21,7
				m ³ /h	0	18	36	48	54	60	66	72	78
8LR 62/01	5,5	4	10,0	H[m]	23	22	20	18	17	15	14	12	11
8LR 62/02	12,5	9,2	19,9		46	43	40	36	33	30	27	24	21
8LR 62/03	17,5	13	27,3		69	65	60	54	50	45	41	36	32
8LR 62/04	25	18,5	38,3		92	86	80	72	66	60	54	48	42
8LR 62/05	30	22	45,1		115	108	100	90	83	75	68	60	53
8LR 62/06	35	26	52,9		138	129	120	108	99	90	81	72	63
8LR 62/07	40	30	61,1		161	151	140	126	116	105	95	84	74
8LR 62/08	50	37	75,8		184	172	160	144	132	120	108	96	84
8LR 62/09	50	37	75,8		207	194	180	162	149	135	122	108	95
8LR 62/10	60	45	86,3		230	215	200	180	165	150	135	120	105
8LR 62/11	60	45	86,3		253	237	220	198	182	165	149	132	116
8LR 62/12	75	55	106,2		276	258	240	216	198	180	162	144	126
8LR 62/13	75	55	106,2		299	280	260	234	215	195	176	156	137
8LR 62/14	75	55	106,2		322	301	280	252	231	210	189	168	147
8LR 62/15	90	66	126,0		345	323	300	270	248	225	203	180	158



TYPE	DIMENSIONS (mm)			Weight (kg)	
	A	B	C	M	P
8LR 62/01	965	368	597	22	16
8LR 62/02	1207	456	751	60	22
8LR 62/03	1385	544	841	70	29
8LR 62/04	1623	632	991	83	35
8LR 62/05	1791	720	1071	92	42
8LR 62/06	1989	808	1181	100	48
8LR 62/07	2147	896	1251	108	55
8LR 62/08	2325	984	1341	118	61
8LR 62/09	2413	1072	1341	118	68
8LR 62/10	2283	1160	1123	178	74
8LR 62/11	2401	1278	1123	178	81
8LR 62/12	2599	1366	1233	200	88
8LR 62/13	2687	1454	1233	200	94
8LR 62/14	2775	1542	1233	200	101
8LR 62/15	2932	1630	1302	214	107

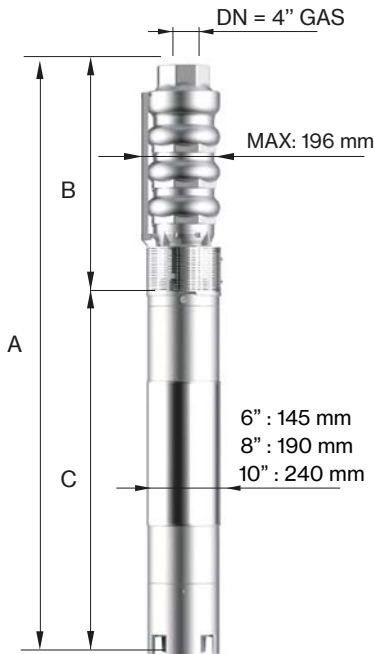
Max Eff. % =	74,5
Max kW / St. =	3,8

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	6	8



8LR 62

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	600	800	900	1000	1100	1200	1300
	HP	kW			A	0	5,0	10,0	13,3	15,0	16,7	18,3	20,0
			0	18		36	48	54	60	66	72	78	
8LR 62/16	90	66	126,0	H[m]	368	344	320	288	264	240	216	192	168
8LR 62/17	90	66	126,0		391	366	340	306	281	255	230	204	179
8LR 62/18	100	75	143,2		414	387	360	324	297	270	243	216	189
8LR 62/19	100	75	143,2		437	409	380	342	314	285	257	228	200
8LR 62/20*	125	92	175,1		460	430	400	360	330	300	270	240	210
8LR 62/21*	125	92	175,1		483	452	420	378	347	315	284	252	221
8LR 62/22*	125	92	175,1		506	473	440	396	363	330	297	264	231
8LR 62/23*	125	92	175,1		529	495	460	414	380	345	311	276	242
8LR 62/24*	125	92	175,1		552	516	480	432	396	360	324	288	252
8LR 62/25 D*	150	110	211,0		575	538	500	450	413	375	338	300	263
8LR 62/26 D*	150	110	211,0		598	559	520	468	429	390	351	312	273
8LR 62/27 D*	150	110	211,0		621	581	540	486	446	405	365	324	284
8LR 62/28 D*	150	110	211,0		644	602	560	504	462	420	378	336	294
8LR 62/29 D*	150	110	211,0		667	624	580	522	479	435	392	348	305
8LR 62/30 D*	175	130	245,3		690	645	600	540	495	450	405	360	315

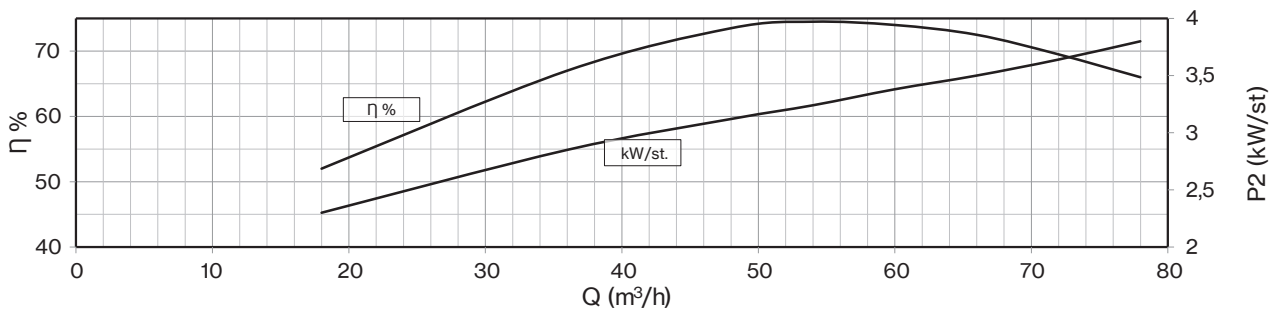
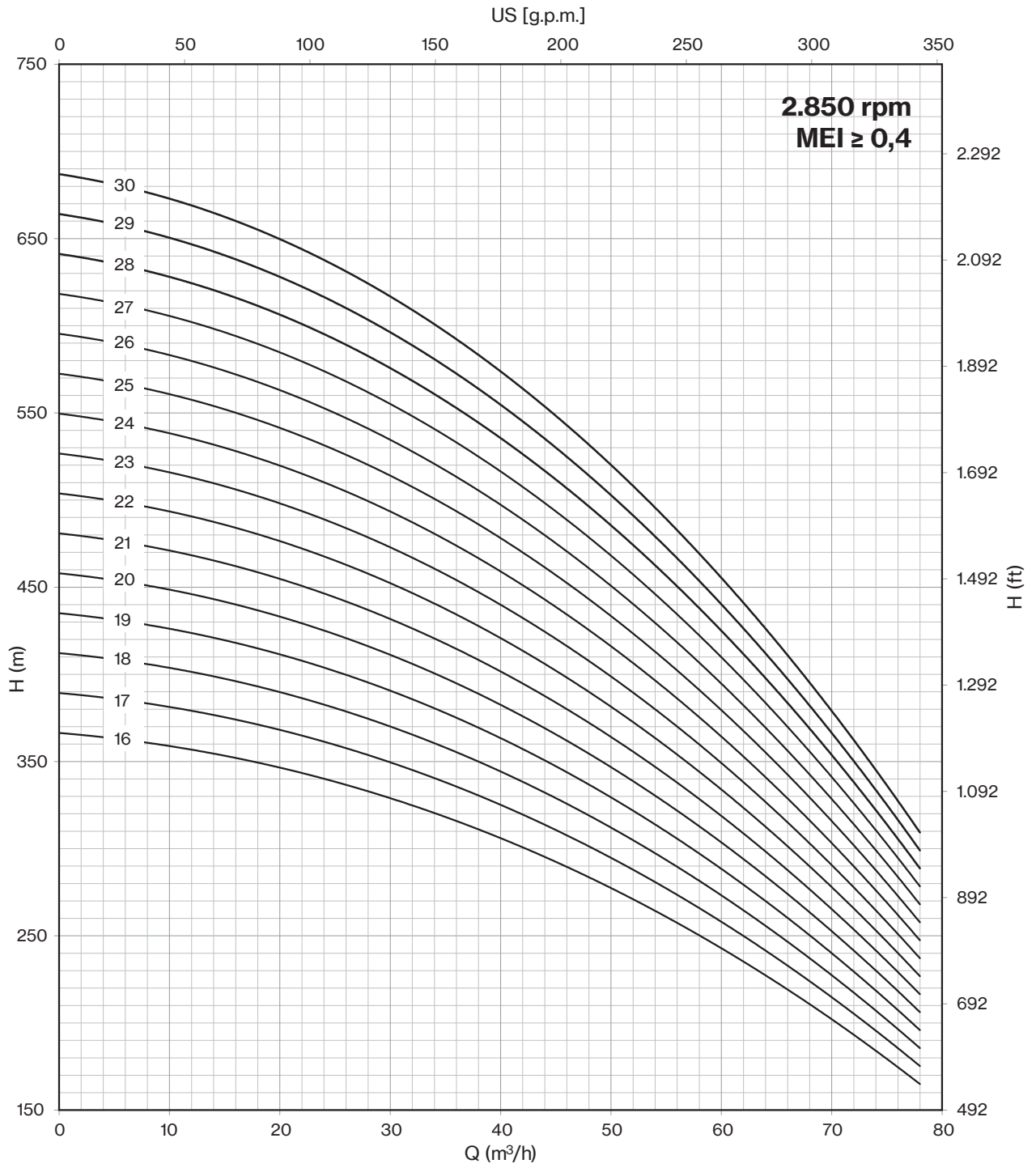


Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LR 62/16	3020	1718	1302	214	114
8LR 62/17	3108	1806	1302	214	120
8LR 62/18	3277	1894	1383	230	127
8LR 62/19	3365	1982	1383	230	133
8LR 62/20*	3783	2200	1583	270	145
8LR 62/21*	3871	2288	1583	270	151
8LR 62/22*	3959	2376	1583	270	158
8LR 62/23*	4047	2464	1583	270	164
8LR 62/24*	4135	2552	1583	270	171
8LR 62/25 D*	4373	2640	1733	300	177
8LR 62/26 D*	4461	2728	1733	300	184
8LR 62/27 D*	4549	2816	1733	300	190
8LR 62/28 D*	4637	2904	1733	300	197
8LR 62/29 D*	4725	2992	1733	300	203
8LR 62/30 D*	4714	3080	1634	385	210

Max Eff. % =	74,5
Max kW / St. =	3,8

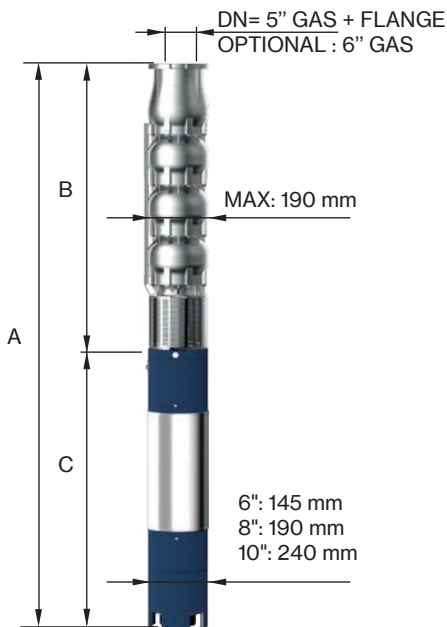
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	3,4	6	8

* Coupled pump shaft
"D" Pump shaft in Duplex

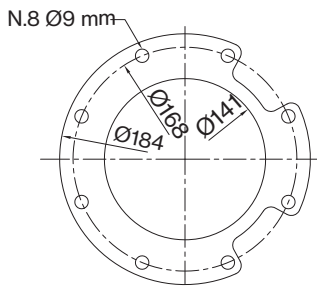


8LM 80

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	400	600	800	1000	1200	1400	1600
	HP	kW			A	0	5,0	6,7	10,0	13,3	16,7	20,0	23,3
				H[m]	0	18	24	36	48	60	72	84	96
8LM 80/01	10	7,5	16,3	H[m]	27	26	26	24	23	22	20	18	15
8LM 80/02	17,5	13	27,3		54	53	51	49	47	44	40	35	30
8LM 80/03	25	18,5	38,3		81	79	77	73	70	65	60	53	44
8LM 80/04	35	26	52,9		108	105	103	97	93	87	80	70	59
8LM 80/05	40	30	61,1		135	132	129	122	117	109	100	88	74
8LM 80/06	50	37	75,8		162	158	154	146	140	131	120	105	89
8LM 80/07	60	45	86,3		189	184	180	170	163	153	140	123	104
8LM 80/08	75	55	106,2		216	210	206	194	186	174	160	140	118
8LM 80/09	75	55	106,2		243	237	231	219	210	196	180	158	133
8LM 80/10	90	66	126,0		270	263	257	243	233	218	200	175	148



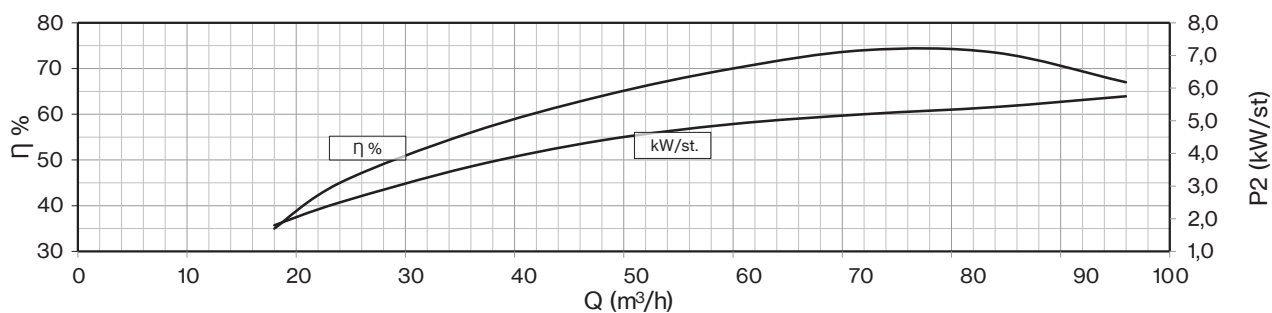
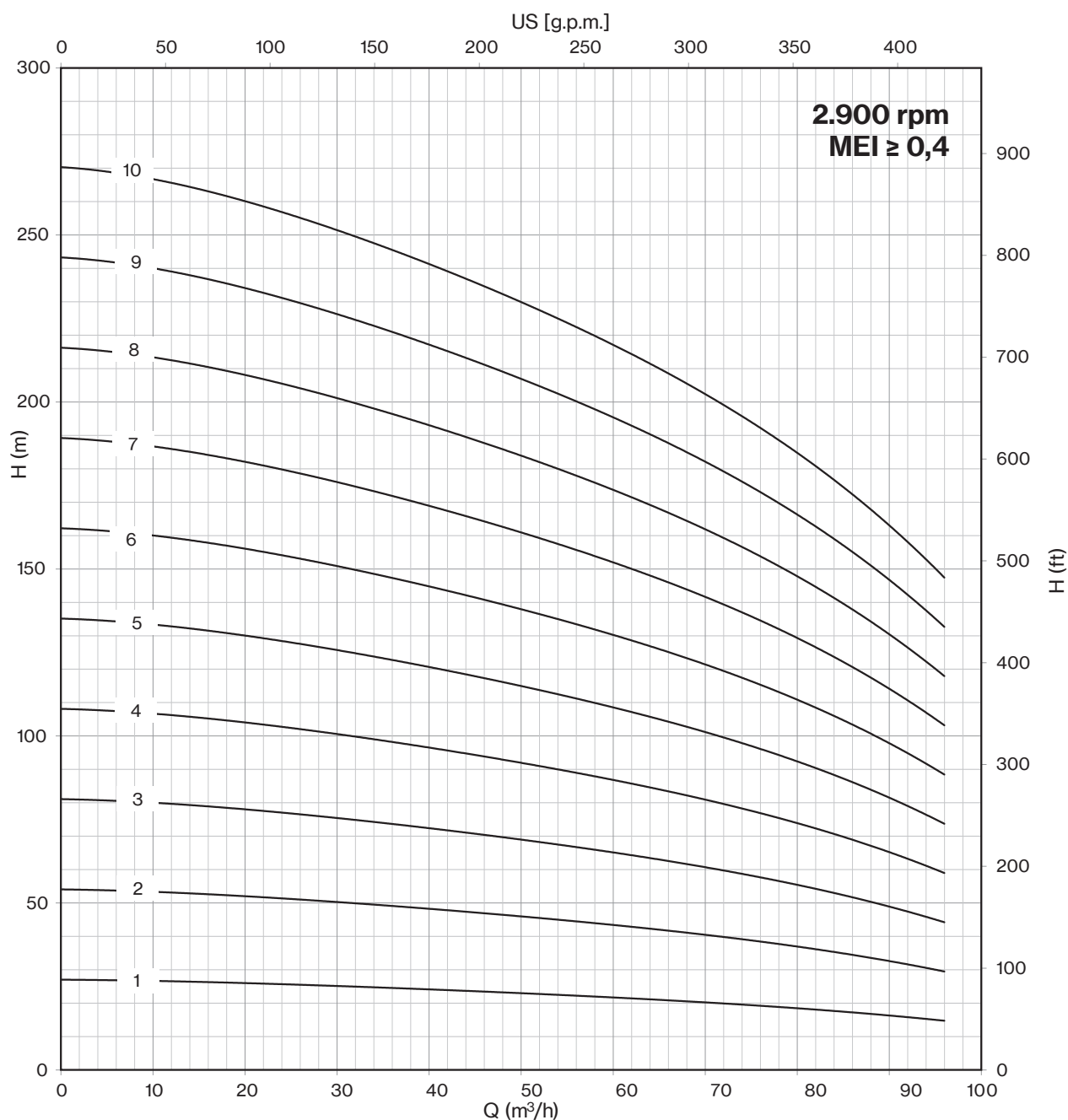
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LM 80/01	1164	463	701	55	19
8LM 80/02	1429	588	841	70	25
8LM 80/03	1704	713	991	83	32
8LM 80/04	2019	838	1181	100	38
8LM 80/05	2214	963	1251	108	45
8LM 80/06	2429	1088	1341	118	51
8LM 80/07	2336	1213	1123	178	58
8LM 80/08	2633	1400	1233	200	65
8LM 80/09	2758	1525	1233	200	71
8LM 80/10	2952	1650	1302	214	78



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

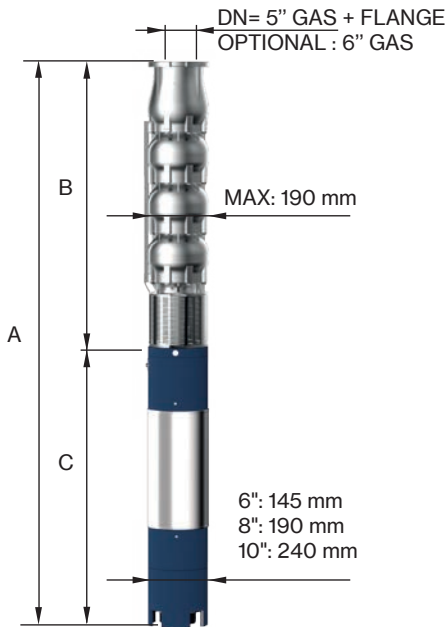
Max Eff. % =	74
Max kW / St. =	5,75

Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	3,5	4,5

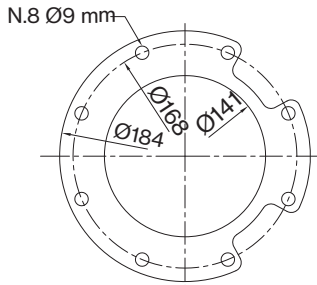


8LM 80

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	400	600	800	1000	1200	1400	1600
	HP	kW			A	0	5,0	6,7	10,0	13,3	16,7	20,0	23,3
				H[m]	0	18	24	36	48	60	72	84	96
8LM 80/11	90	66	126,0	H[m]	297	289	283	267	256	240	220	193	163
8LM 80/12	100	75	143,2		324	316	308	292	280	262	240	210	178
8LM 80/13	100	75	143,2		351	342	334	316	303	283	260	228	192
8LM 80/14	125	92	175,1		378	368	360	340	326	305	280	245	207
8LM 80/15	125	92	175,1		405	395	386	365	350	327	300	263	222
8LM 80/16	125	92	175,1		432	421	411	389	373	349	320	280	237
8LM 80/17 D	150	110	211,0		459	447	437	413	396	371	340	298	252
8LM 80/18 D	150	110	211,0		486	473	463	437	419	392	360	315	266
8LM 80/19 D	150	110	211,0		513	500	488	462	443	414	380	333	281
8LM 80/20 D	175	130	245,3		540	526	514	486	466	436	400	350	296



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LM 80/11	3077	1775	1302	214	84
8LM 80/12	3283	1900	1383	230	90
8LM 80/13	3408	2025	1383	230	97
8LM 80/14	3733	2150	1583	270	103
8LM 80/15	3858	2275	1583	270	110
8LM 80/16	3983	2400	1583	270	116
8LM 80/17 D	4258	2525	1733	300	123
8LM 80/18 D	4383	2650	1733	300	129
8LM 80/19 D	4508	2775	1733	300	136
8LM 80/20 D	4534	2900	1634	385	142

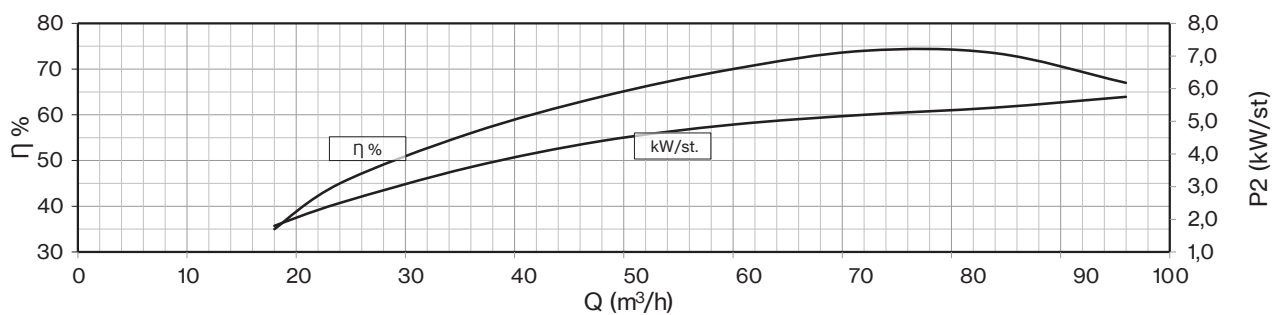
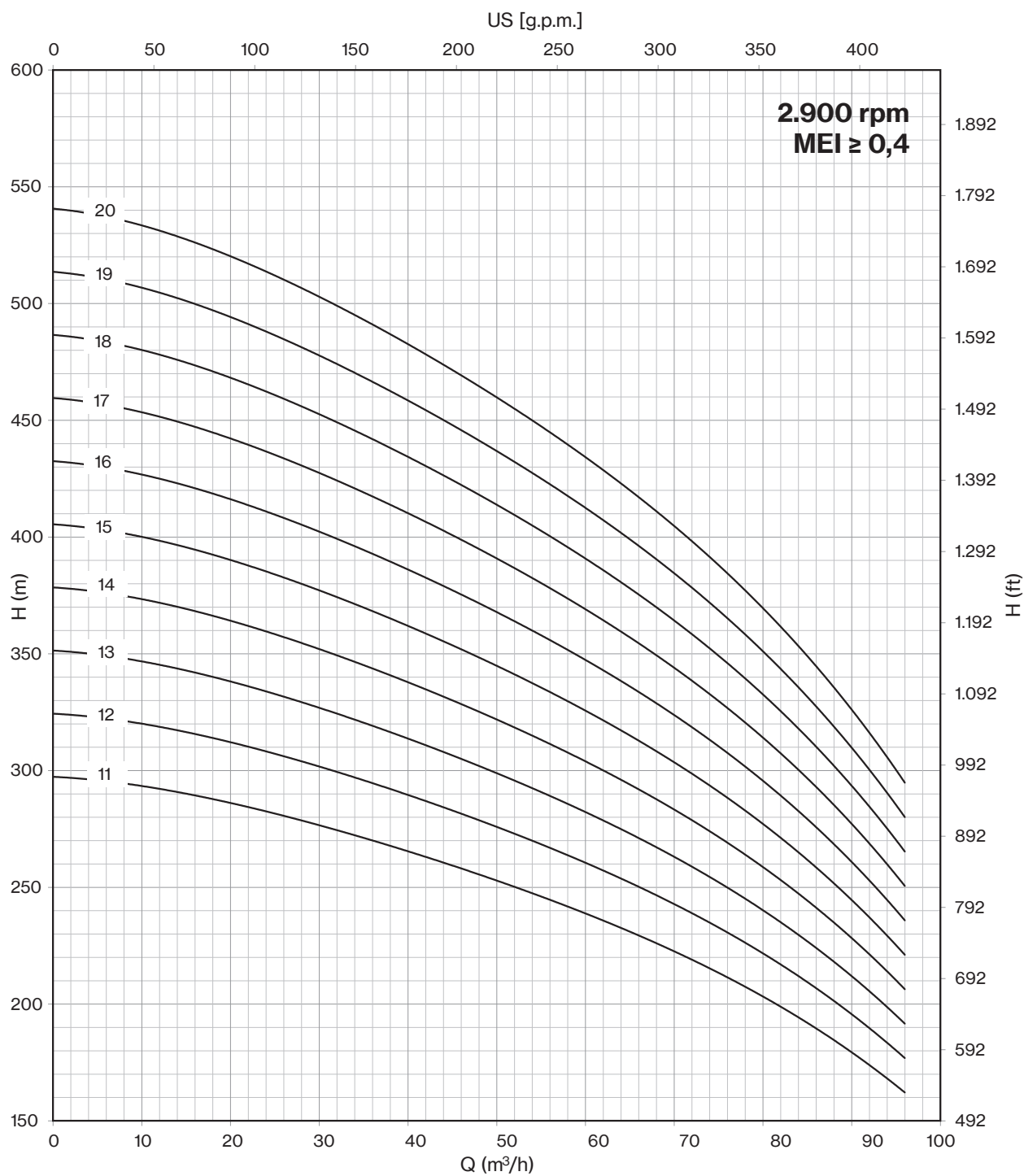


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

Max Eff. % =	74
Max kW / St. =	5,75

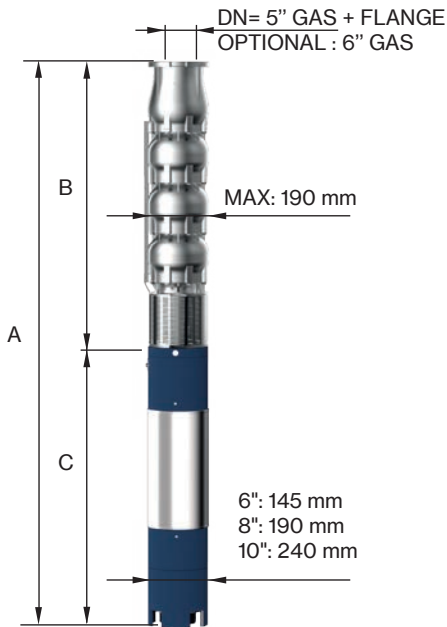
Q (flow)	25%	50%	75%	100%
NPSH (m)	3	3	3,5	4,5

"D" Pump shaft in Duplex

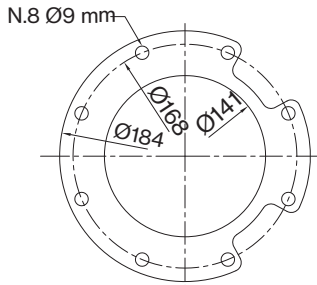


8LM 92

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	300	800	1000	1200	1400	1600	1800	2000
	HP	kW			0	5,0	13,3	16,7	20,0	23,3	26,7	30,0	33,3
	A		0	18	48	60	72	84	96	108	120		
8LM 92/01	10	7,5	16,3	H[m]	27	26	24	23	22	20	18	16	13
8LM 92/02	17,5	13	27,3		54	53	49	47	44	40	36	31	25
8LM 92/03	30	22	45,1		81	79	73	70	65	60	54	47	38
8LM 92/04	35	26	52,9		108	105	97	93	87	80	72	62	50
8LM 92/05	50	37	75,8		135	132	122	117	109	101	90	78	63
8LM 92/06	60	45	86,3		162	158	146	140	131	121	107	93	76
8LM 92/07	75	55	106,2		189	184	170	163	153	141	125	109	88
8LM 92/08	75	55	106,2		216	210	194	186	174	161	143	124	101
8LM 92/09	90	66	126,0		243	237	219	210	196	181	161	140	113
8LM 92/10	90	66	126,0		270	263	243	233	218	201	179	155	126



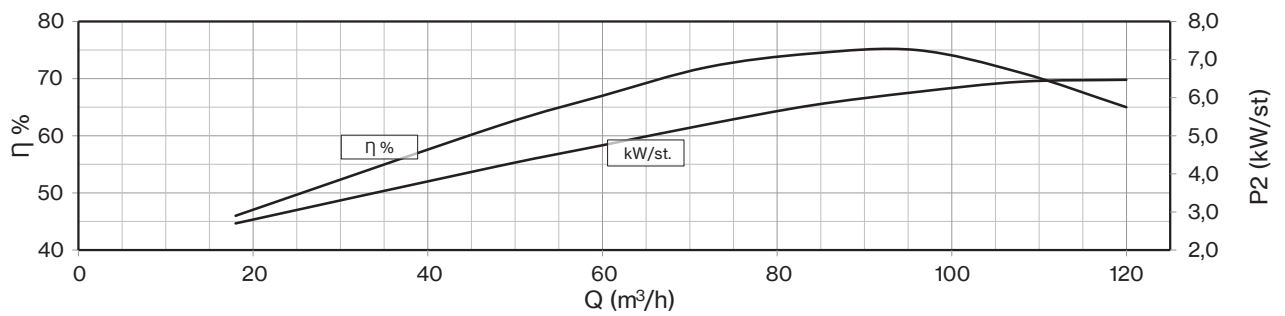
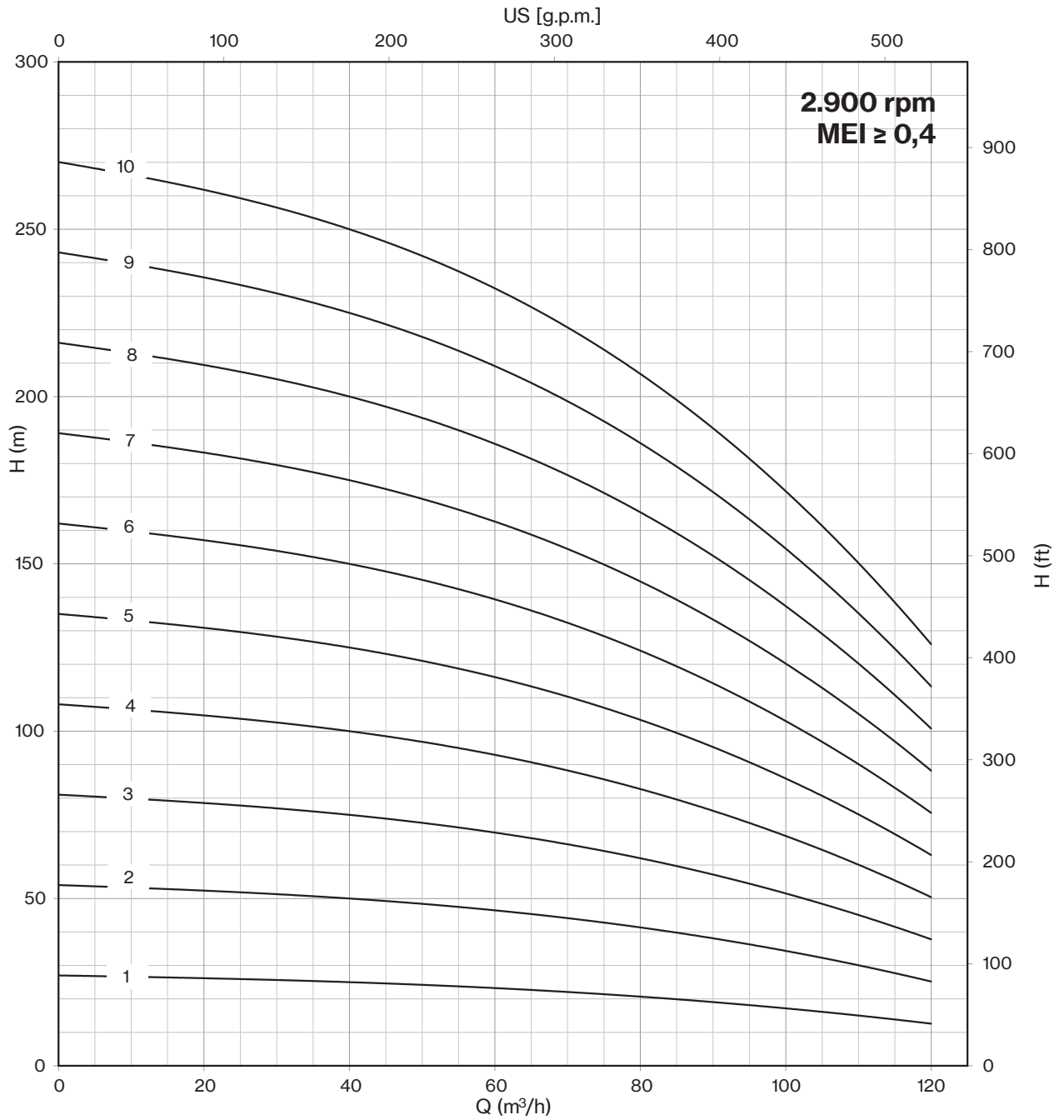
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LM 92/01	1164	463	701	55	19
8LM 92/02	1429	588	841	70	26
8LM 92/03	1784	713	1071	92	32
8LM 92/04	2019	838	1181	100	39
8LM 92/05	2304	963	1341	118	46
8LM 92/06	2211	1088	1123	178	53
8LM 92/07	2508	1275	1233	200	60
8LM 92/08	2633	1400	1233	200	67
8LM 92/09	2827	1525	1302	214	74
8LM 92/10	2952	1650	1302	214	81



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

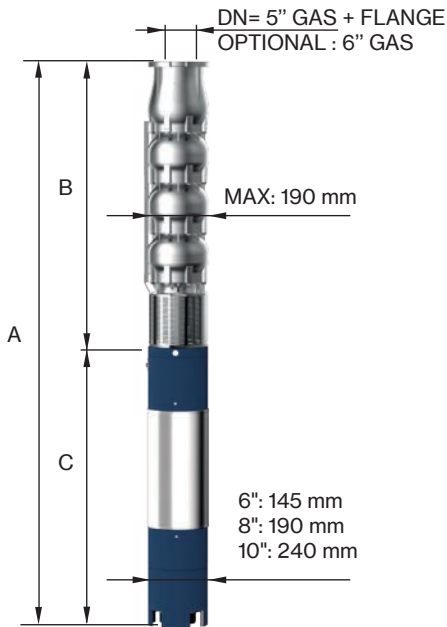
Max Eff. % =	75
Max kW / St. =	6,47

Q (flow)	25%	50%	75%	100%
NPSH (m)	2,5	2,9	3,9	7,8

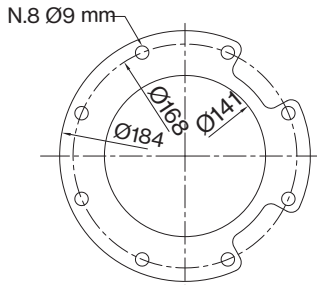


8LM 92

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	300	800	1000	1200	1400	1600	1800	2000
	HP	kW			A	l/sec	5,0	13,3	16,7	20,0	23,3	26,7	30,0
			m ³ /h			0	18	48	60	72	84	96	108
8LM 92/11	100	75	143,2	H[m]	297	289	267	256	240	221	197	171	139
8LM 92/12	125	92	175,1		324	316	292	280	262	241	215	186	151
8LM 92/13	125	92	175,1		351	342	316	303	283	261	233	202	164
8LM 92/14	125	92	175,1		378	368	340	326	305	281	251	217	176
8LM 92/15 D	150	110	211,0		405	395	365	350	327	302	269	233	189
8LM 92/16 D	150	110	211,0		432	421	389	373	349	322	286	248	202
8LM 92/17 D	150	110	211,0		459	447	413	396	371	342	304	264	214
8LM 92/18 D	175	130	245,3		486	473	437	419	392	362	322	279	227
8LM 92/19 D	175	130	245,3		513	500	462	443	414	382	340	295	239
8LM 92/20 D	175	130	245,3		540	526	486	466	436	402	358	310	252



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LM 92/11	3158	1775	1383	230	88
8LM 92/12	3483	1900	1583	270	94
8LM 92/13	3608	2025	1583	270	101
8LM 92/14	3733	2150	1583	270	108
8LM 92/15 D	4008	2275	1733	300	115
8LM 92/16 D	4133	2400	1733	300	122
8LM 92/17 D	4258	2525	1733	300	128
8LM 92/18 D	4284	2650	1634	385	138
8LM 92/19 D	4409	2775	1634	385	145
8LM 92/20 D	4534	2900	1634	385	152

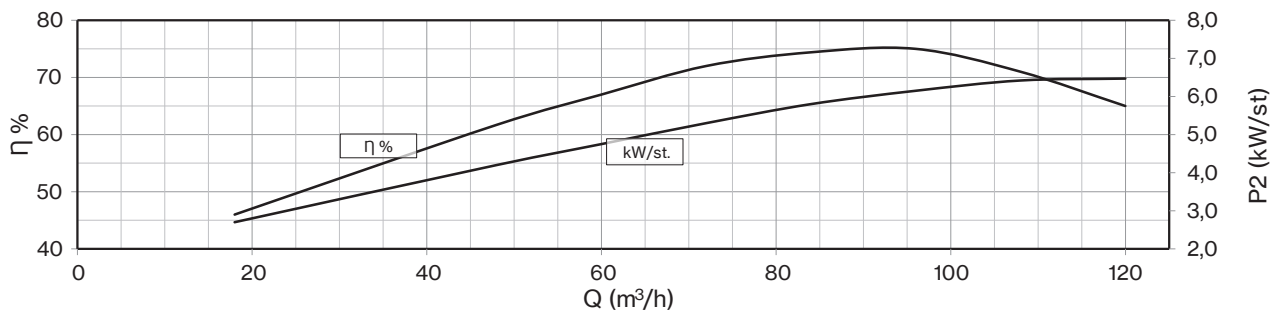
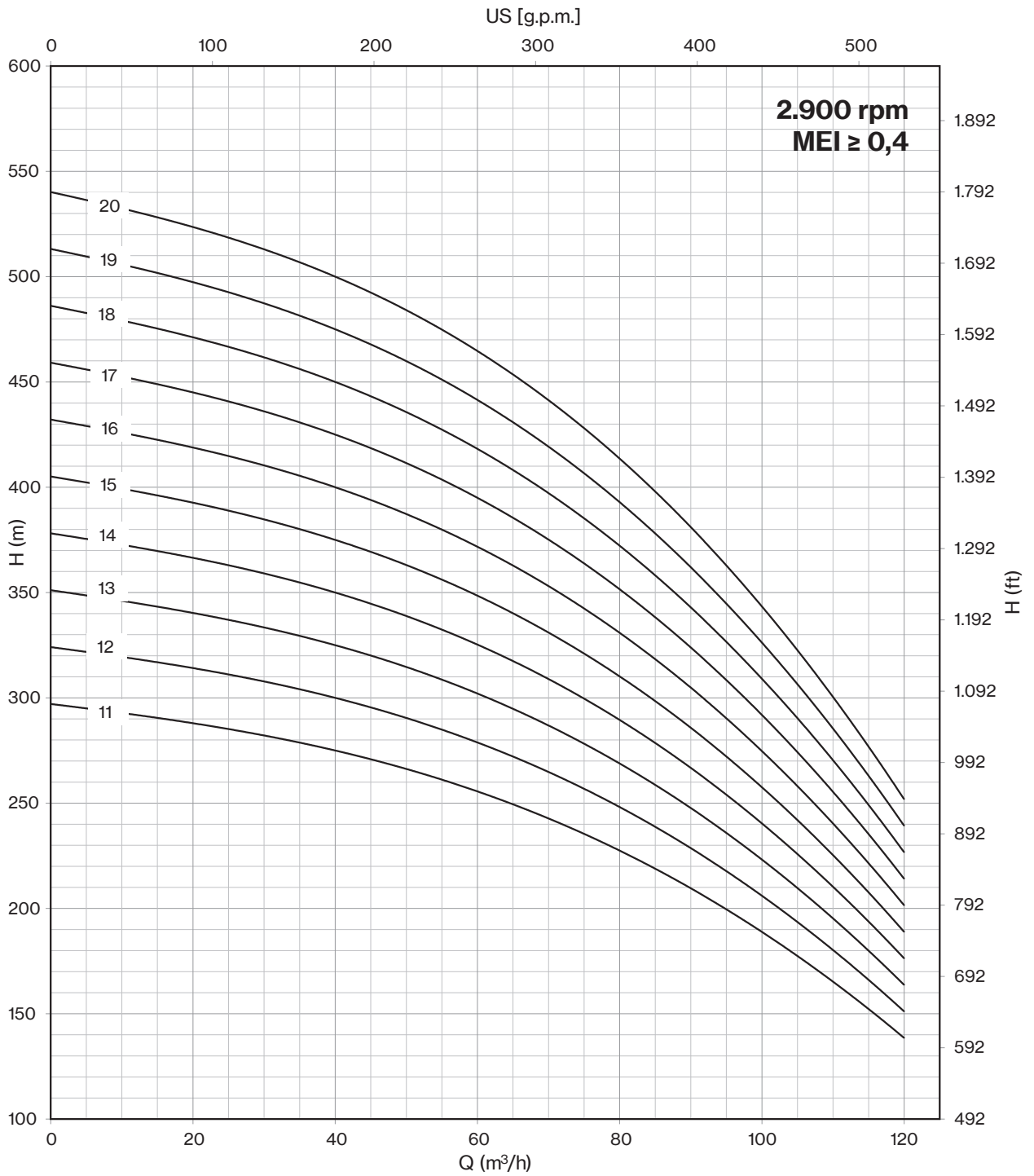


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

Max Eff. % =	75
Max kW / St. =	6,5

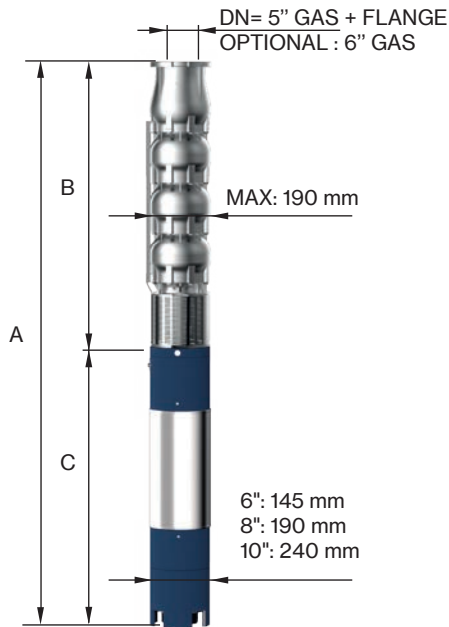
Q (flow)	25%	50%	75%	100%
NPSH (m)	2,5	2,9	3,9	7,8

"D" Pump shaft in Duplex

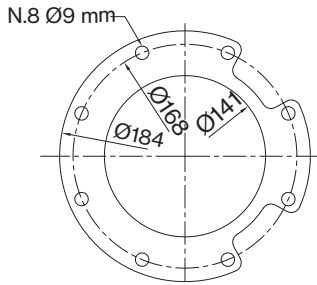


8LM 110

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	600	1200	1400	1600	1800	2000	2200	2400
	HP	kW			A	0	10,0	20,0	23,3	26,7	30,0	33,3	36,7
				H[m]	0	36	72	84	96	108	120	132	144
8LM 110/01	10	7,5	16,3		28	25	22	21	20	19	17	15	13
8LM 110/02	20	15	31,5		55	51	44	42	41	38	35	31	26
8LM 110/03	30	22	45,1		83	76	65	63	61	57	52	46	38
8LM 110/04	40	30	61,1		110	101	87	84	82	76	69	62	51
8LM 110/05	50	37	75,8		138	127	109	106	102	96	87	77	64
8LM 110/06	60	45	86,3		165	152	131	127	122	115	104	92	77
8LM 110/07	75	55	106,2		193	177	153	148	143	134	121	108	90



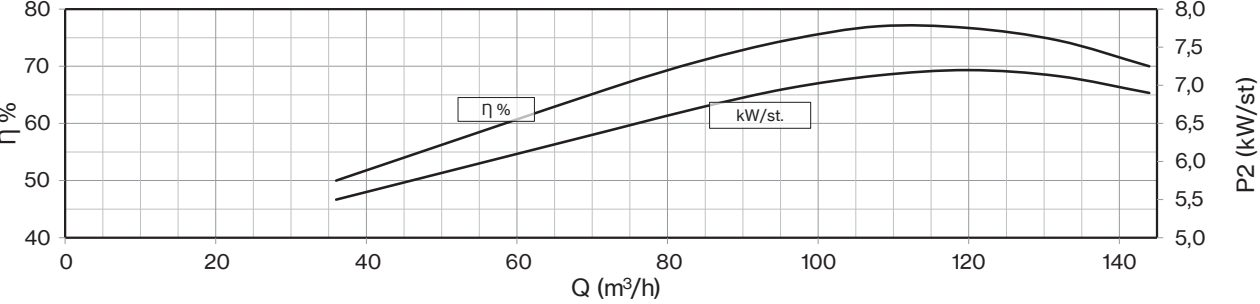
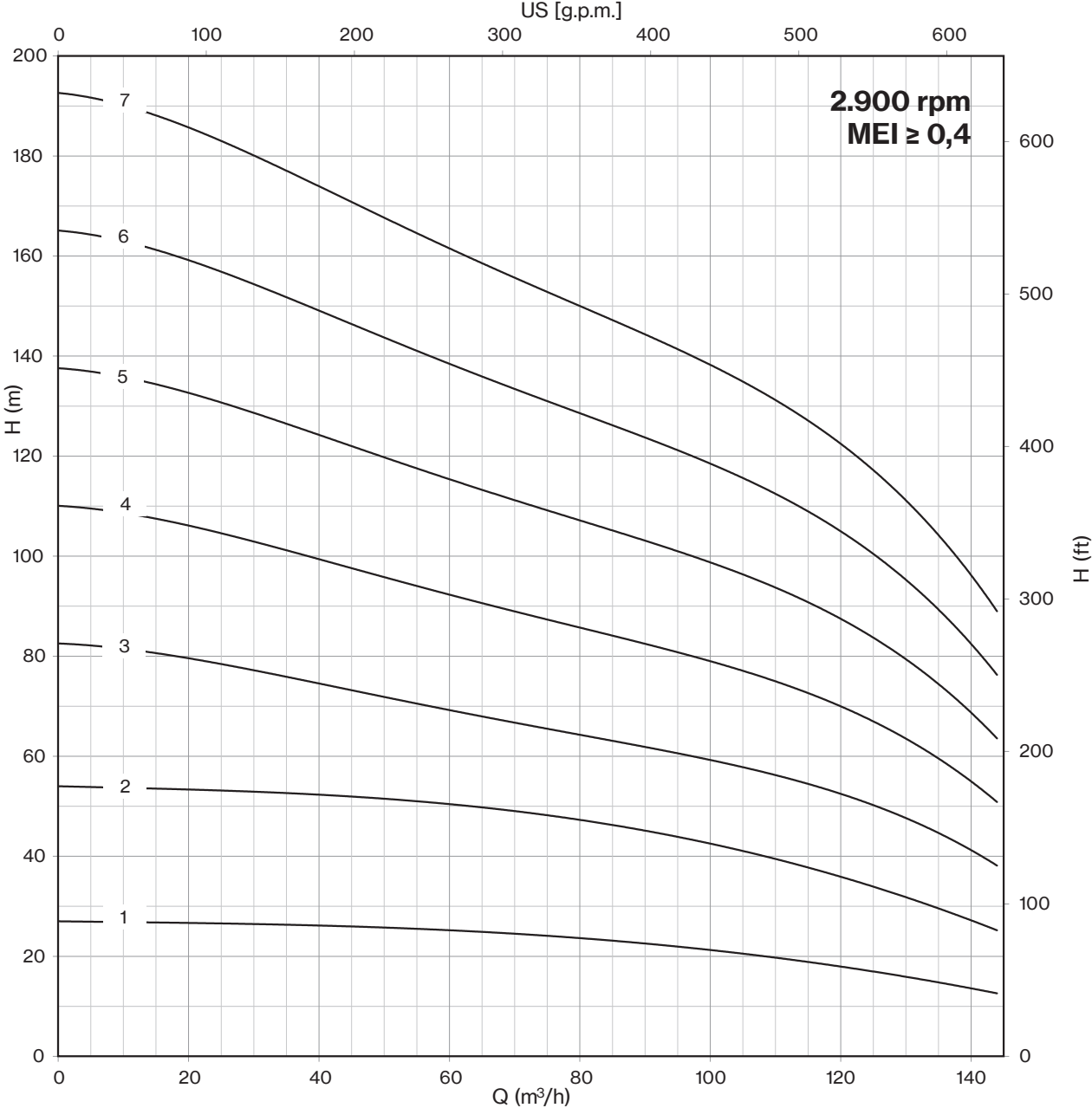
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LM 110/01	1164	463	701	55	19
8LM 110/02	1519	588	931	75	26
8LM 110/03	1784	713	1071	92	32
8LM 110/04	2089	838	1251	108	39
8LM 110/05	2304	963	1341	118	46
8LM 110/06	2273	1150	1123	178	54
8LM 110/07	2508	1275	1233	200	60



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

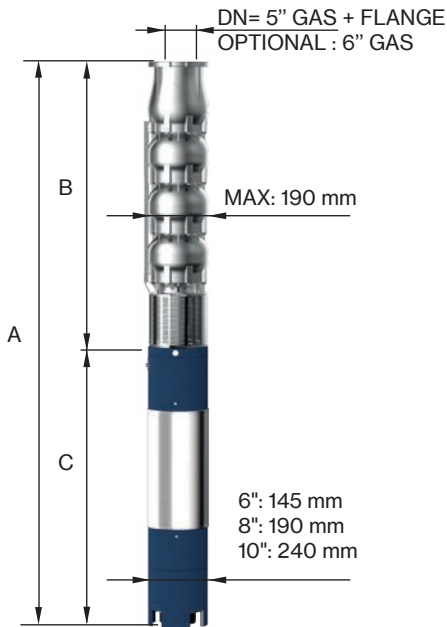
Max Eff. % =	77
Max kW / St. =	7,2

Q (flow)	25%	50%	75%	100%
NPSH (m)	2,5	2,9	3,9	7,8

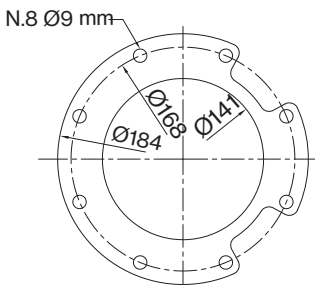


8LM 110

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	600	1200	1400	1600	1800	2000	2200	2400
	HP	kW	A	l/sec	0	10,0	20,0	23,3	26,7	30,0	33,3	36,7	40,0
				m ³ /h	0	36	72	84	96	108	120	132	144
8LM 110/08	90	66	126,0	H[m]	220	202	174	169	163	153	138	123	102
8LM 110/09	90	66	126,0		248	228	196	190	184	172	156	139	115
8LM 110/10	100	75	143,2		275	253	218	211	204	191	173	154	128
8LM 110/11	125	92	175,1		303	278	240	232	224	210	190	169	141
8LM 110/12	125	92	175,1		330	304	262	253	245	229	208	185	154
8LM 110/13 D	150	110	211,0		358	329	283	274	265	248	225	200	166
8LM 110/14 D	150	110	211,0		385	354	305	295	286	267	242	216	179
8LM 110/15 D	150	110	211,0		413	380	327	317	306	287	260	231	192
8LM 110/16 D	175	130	245,3		440	405	349	338	326	306	277	246	205
8LM 110/17 D	175	130	245,3		468	430	371	359	347	325	294	262	218
8LM 110/18 D	175	130	245,3	495	455	392	380	367	344	311	277	230	



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LM 110/08	2702	1400	1302	214	67
8LM 110/09	2827	1525	1302	214	74
8LM 110/10	3033	1650	1383	230	81
8LM 110/11	3358	1775	1583	270	88
8LM 110/12	3483	1900	1583	270	94
8LM 110/13 D	3758	2025	1733	300	101
8LM 110/14 D	3883	2150	1733	300	108
8LM 110/15 D	4008	2275	1733	300	115
8LM 110/16 D	4034	2400	1634	385	125
8LM 110/17 D	4159	2525	1634	385	132
8LM 110/18 D	4284	2650	1634	385	138

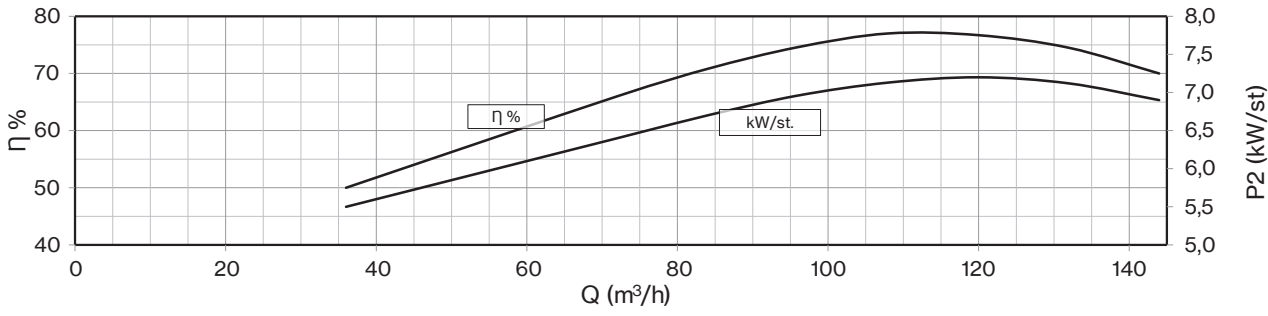
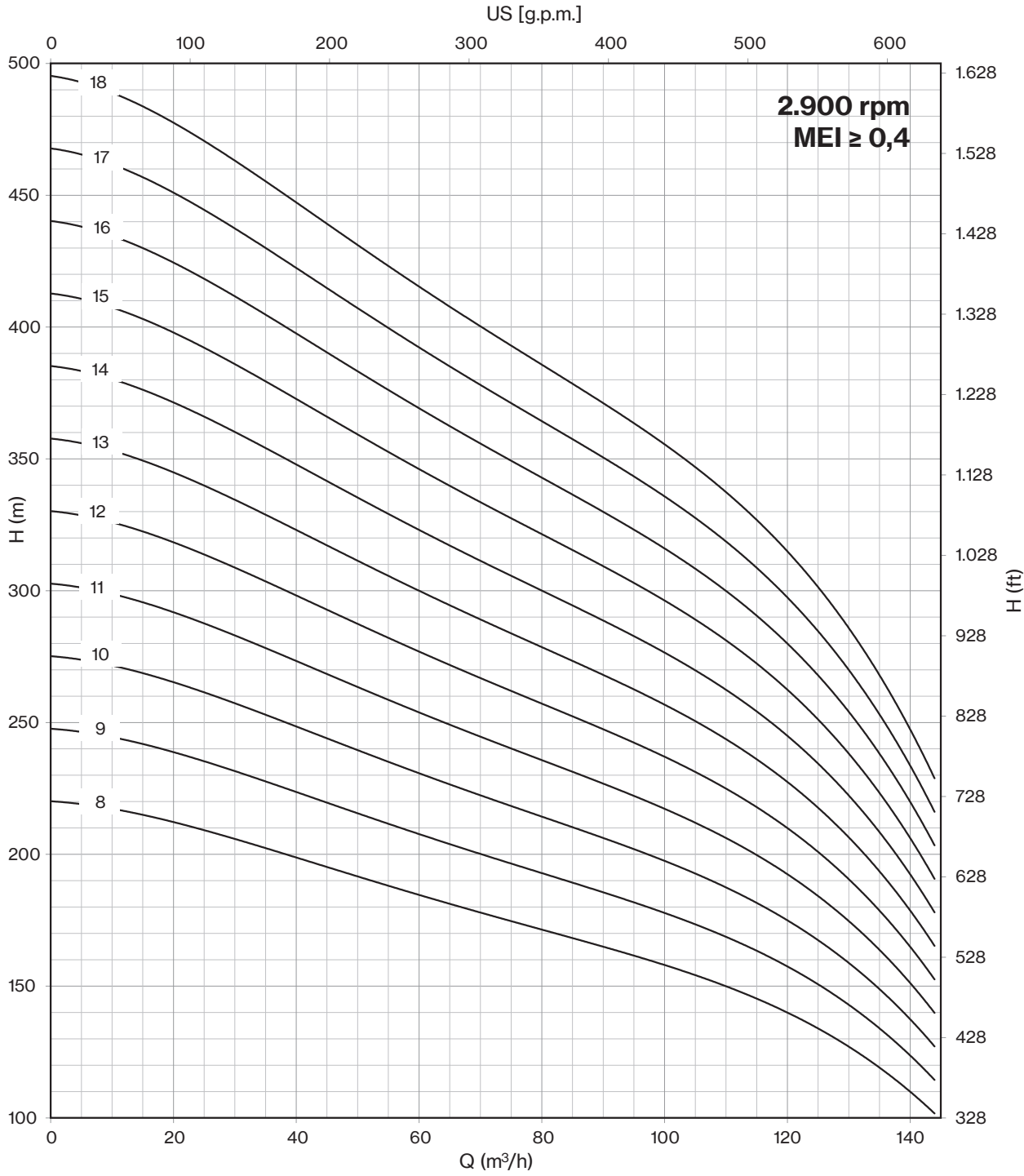


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

Max Eff. % =	77
Max kW / St. =	7,2

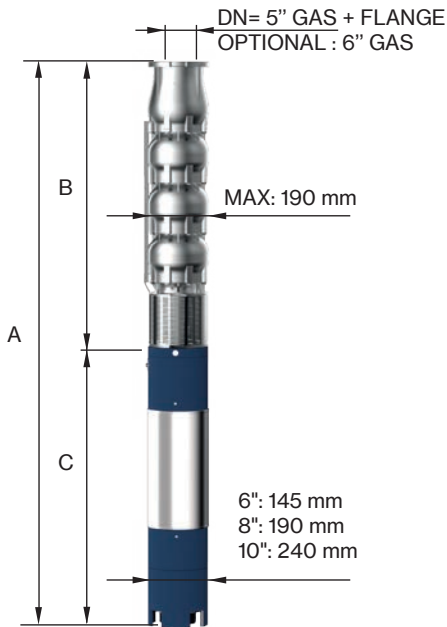
Q (flow)	25%	50%	75%	100%
NPSH (m)	2,5	2,9	3,9	7,8

"D" Pump shaft in Duplex

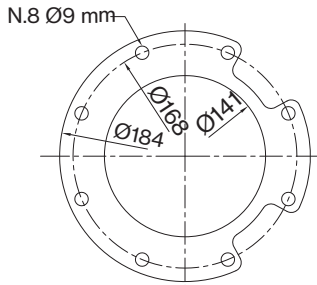


8LM 130

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	600	1600	1800	2000	2200	2400	2600	2800
	HP	kW	A	l/sec	0	10,0	26,7	30,0	33,3	36,7	40,0	43,3	46,7
				m ³ /h	0	36	96	108	120	132	144	156	168
8LM 130/01	12,5	9,2	19,9	H[m]	27	25	21	20	19	18	16	15	12
8LM 130/02	25	18,5	38,3		54	49	41	40	38	36	33	29	24
8LM 130/03	35	26	52,9		81	74	62	59	57	54	49	44	36
8LM 130/04	50	37	75,8		108	98	83	79	76	72	66	58	48
8LM 130/05	60	45	86,3		135	123	104	99	95	90	82	73	60
8LM 130/06	75	55	106,2		162	147	124	119	114	108	98	87	72
8LM 130/07	90	66	126,0		189	172	145	139	133	126	115	102	84
8LM 130/08	100	75	143,2		216	196	166	158	152	144	131	116	96



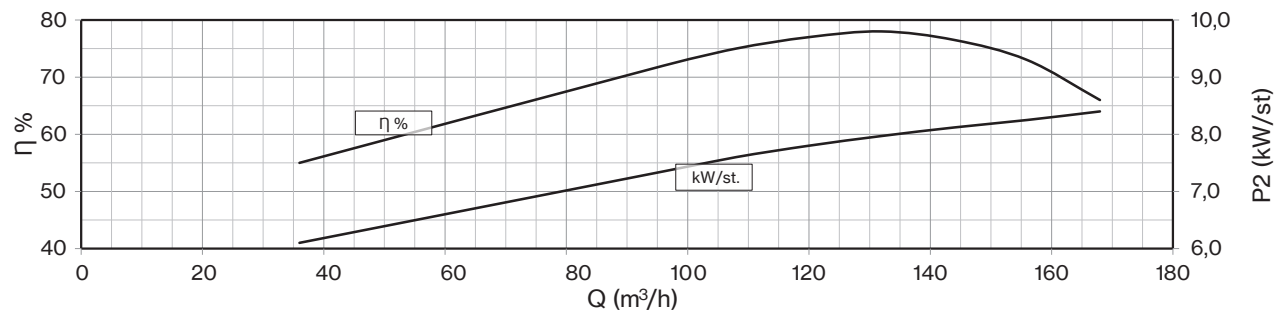
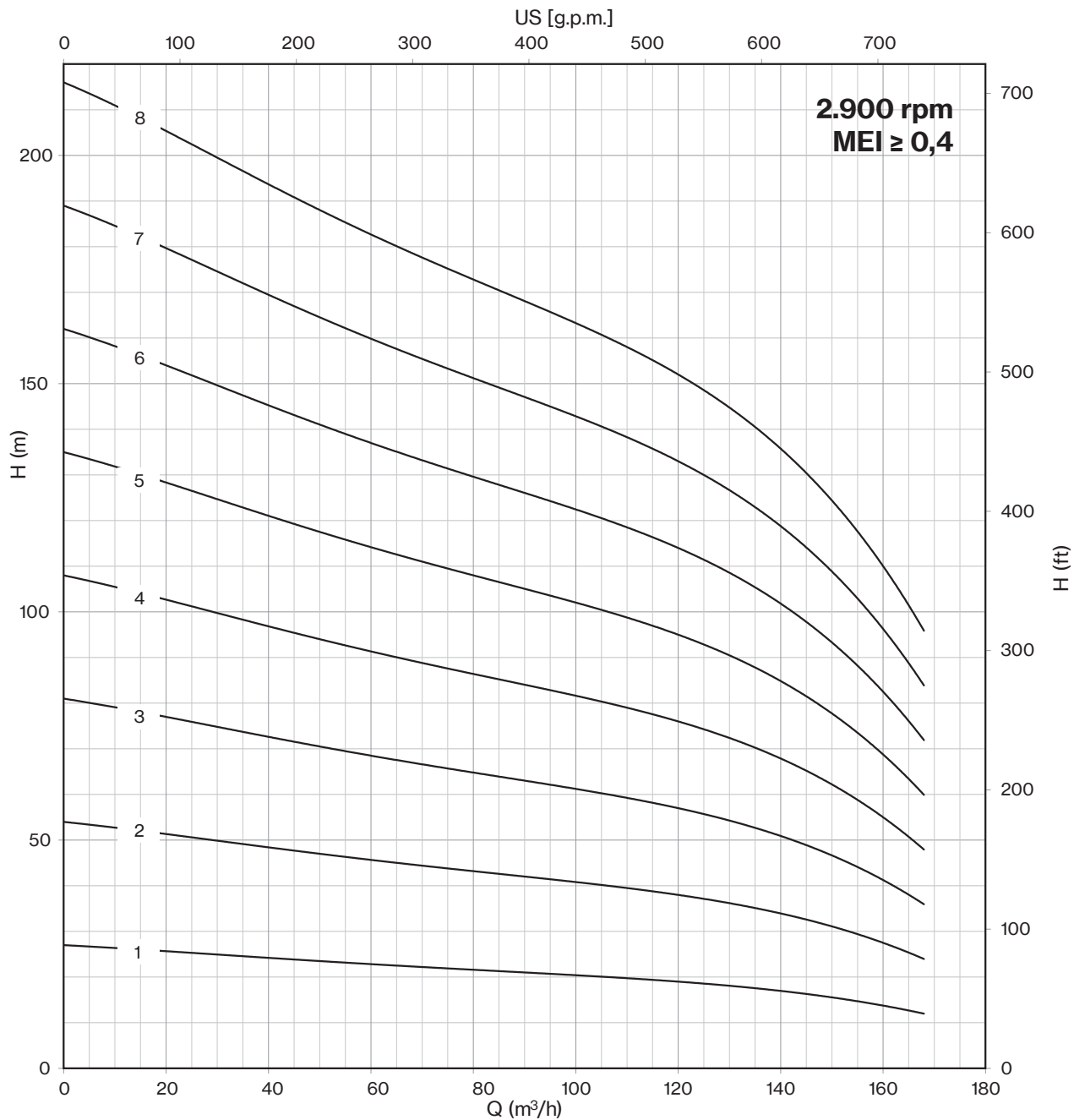
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LM 130/01	1214	463	751	60	19
8LM 130/02	1579	588	991	83	26
8LM 130/03	1894	713	1181	100	33
8LM 130/04	2179	838	1341	118	40
8LM 130/05	2148	1025	1123	178	48
8LM 130/06	2383	1150	1233	200	55
8LM 130/07	2577	1275	1302	214	62
8LM 130/08	2783	1400	1383	230	69



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

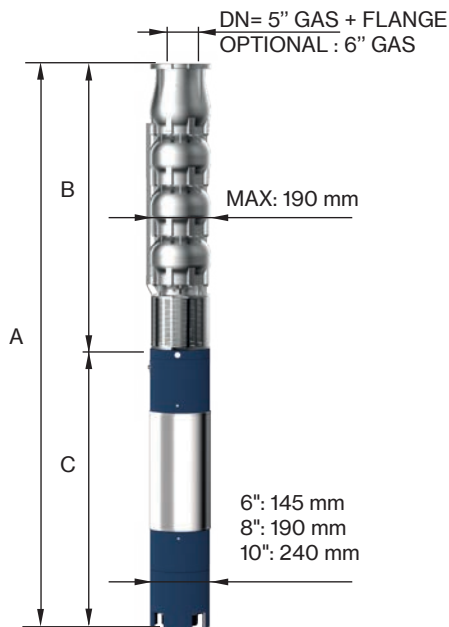
Max Eff. % =	78
Max kW / St. =	8,4

Q (flow)	25%	50%	75%	100%
NPSH (m)	2,5	3	3,5	8,7

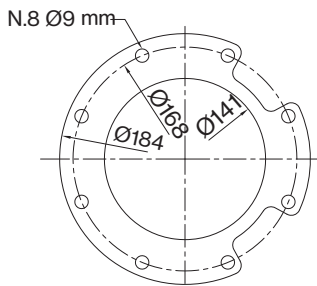


8LM 130

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	600	1600	1800	2000	2200	2400	2600	2800
	HP	kW	A	l/sec	0	10,0	26,7	30,0	33,3	36,7	40,0	43,3	46,7
				m ³ /h	0	36	96	108	120	132	144	156	168
8LM 130/09	125	92	175,1	H[m]	243	221	186	178	171	162	148	131	108
8LM 130/10	125	92	175,1		270	245	207	198	190	180	164	145	120
8LM 130/11	150	110	211,0		297	270	228	218	209	198	180	160	132
8LM 130/12 D	150	110	211,0		324	294	248	238	228	216	197	174	144
8LM 130/13 D	150	110	211,0		351	319	269	257	247	234	213	189	156
8LM 130/14 D	175	130	245,3		378	343	290	277	266	252	230	203	168
8LM 130/15 D	175	130	245,3		405	368	311	297	285	270	246	218	180
8LM 130/16 D	200	150	277,2		432	392	331	317	304	288	262	232	192
8LM 130/17 D	200	150	277,2		459	417	352	337	323	306	279	247	204
8LM 130/18 D	225	165	313,3		486	441	373	356	342	324	295	261	216



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LM 130/09	3108	1525	1583	270	76
8LM 130/10	3233	1650	1583	270	83
8LM 130/11	3508	1775	1733	300	90
8LM 130/12 D	3633	1900	1733	300	97
8LM 130/13 D	3758	2025	1733	300	104
8LM 130/14 D	3784	2150	1634	385	114
8LM 130/15 D	3909	2275	1634	385	121
8LM 130/16 D	4134	2400	1734	415	128
8LM 130/17 D	4259	2525	1734	415	135
8LM 130/18 D	4504	2650	1854	444	142

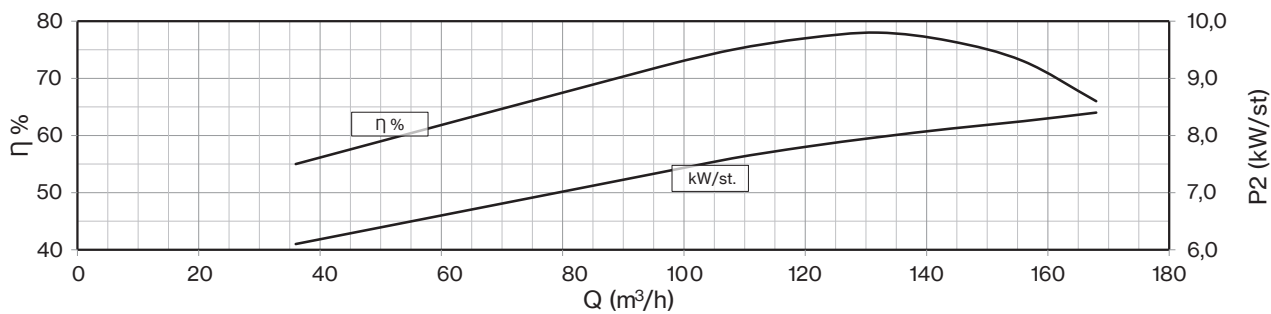
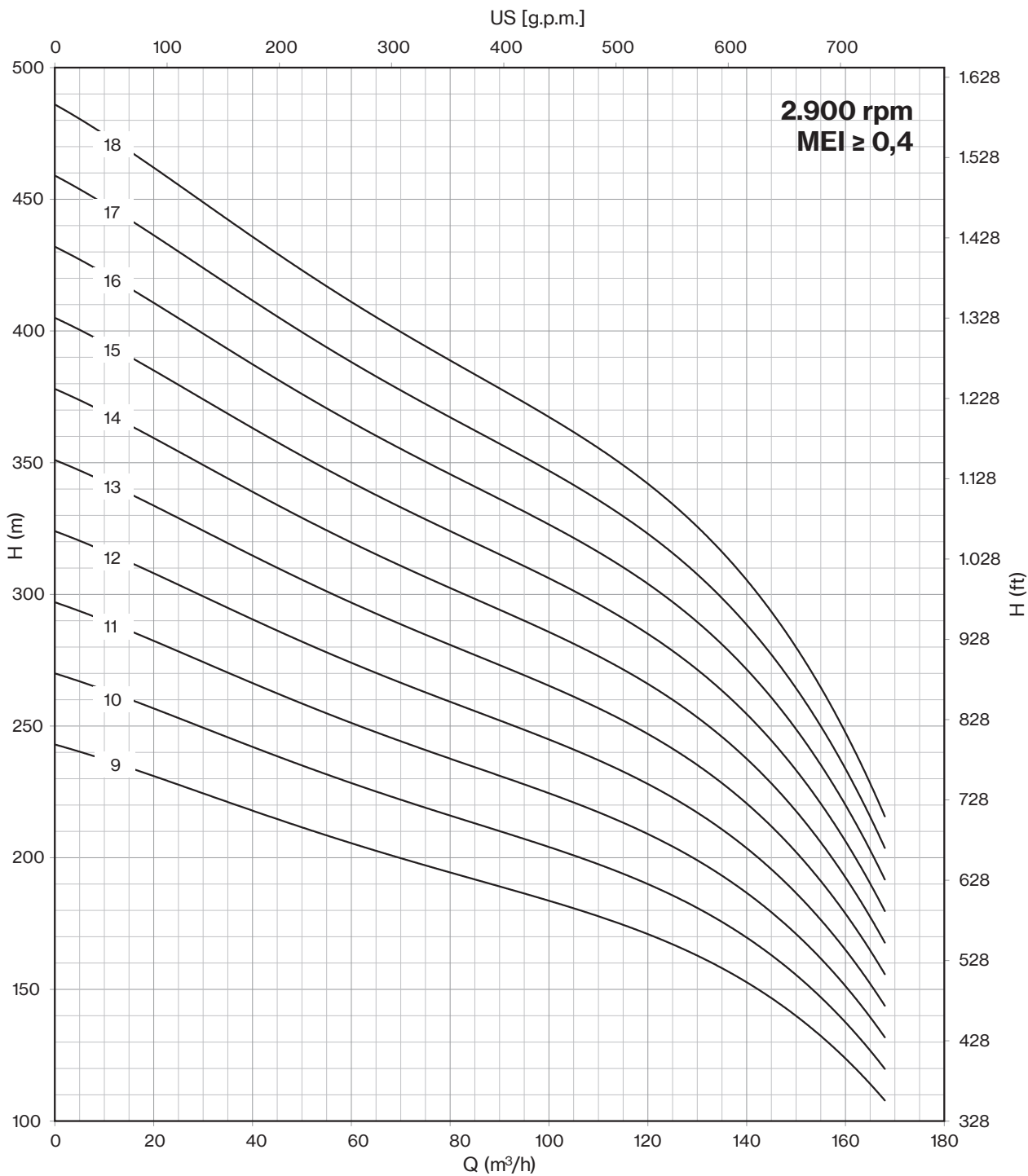


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

Max Eff. % =	78
Max kW / St. =	8,4

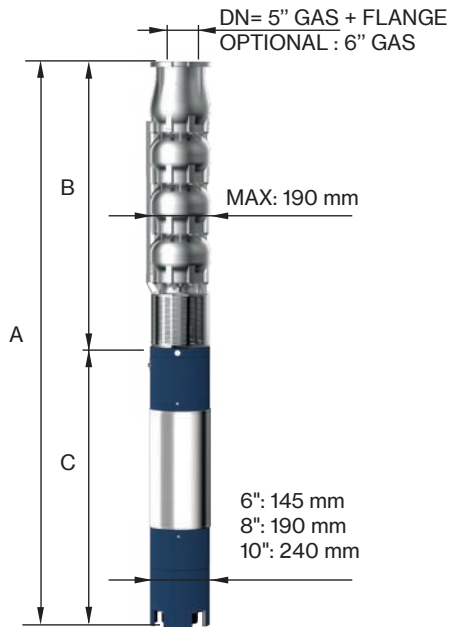
Q (flow)	25%	50%	75%	100%
NPSH (m)	2,5	3	3,5	8,7

"D" Pump shaft in Duplex

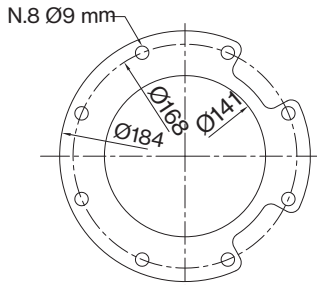


8LM 160

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	600	2000	2200	2400	2600	2800	3000	3200
	HP	kW	A	l/sec	0	10,0	33,3	36,7	40,0	43,3	46,7	50,0	53,3
				m ³ /h	0	36	120	132	144	156	168	180	192
8LM 160/01	15	11	23,4	H[m]	25	24	19	18	17	17	16	14	12
8LM 160/02	30	22	45,1		50	48	38	36	35	33	31	28	24
8LM 160/03	40	30	61,1		75	71	56	54	52	50	47	41	36
8LM 160/04	60	45	86,3		100	95	75	72	70	66	62	55	48
8LM 160/05	75	55	106,2		125	119	94	91	87	83	78	69	60
8LM 160/06	90	66	126,0		150	143	113	109	104	100	93	83	72
8LM 160/07	90	66	126,0		175	167	132	127	122	116	109	97	84
8LM 160/08	125	92	175,1		200	190	150	145	139	133	124	110	96



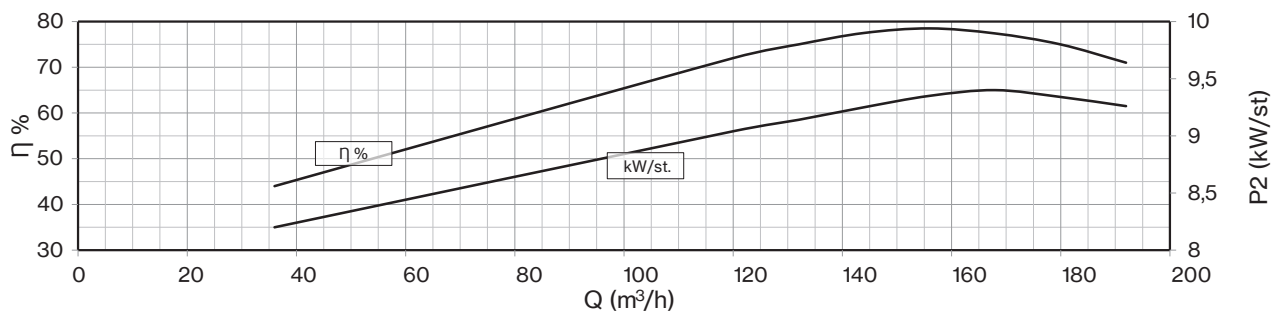
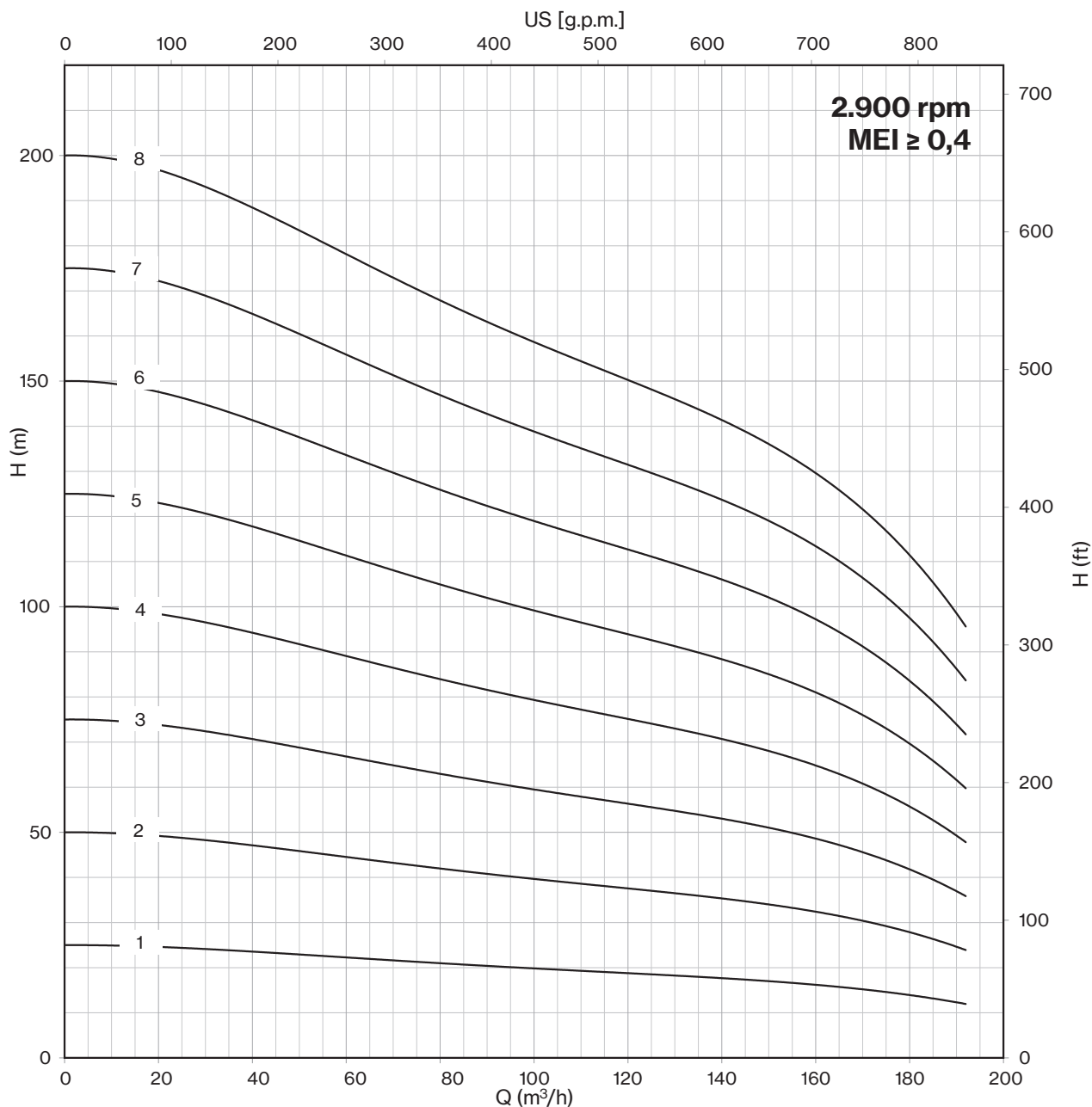
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
8LM 160/01	1299	488	811	65	20
8LM 160/02	1709	638	1071	92	27
8LM 160/03	2039	788	1251	108	35
8LM 160/04	2061	938	1123	178	42
8LM 160/05	2383	1150	1233	200	50
8LM 160/06	2602	1300	1302	214	58
8LM 160/07	2752	1450	1302	214	65
8LM 160/08	3183	1600	1583	270	73



Max Eff. % =	78,5
Max kW / St. =	9,4

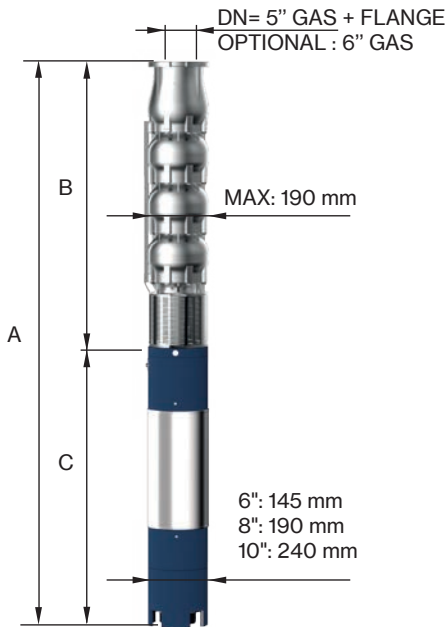
Q (flow)	25%	50%	75%	100%
NPSH (m)	4	4,5	7	13

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

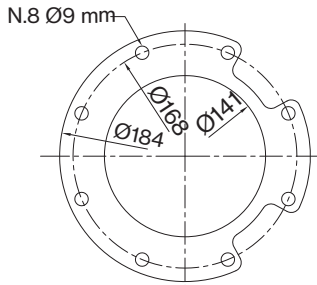


8LM 160

Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	600	2000	2200	2400	2600	2800	3000	3200
	HP	kW			A	0	10,0	33,3	36,7	40,0	43,3	46,7	50,0
				H[m]	0	36	120	132	144	156	168	180	192
8LM 160/09	125	92	175,1	H[m]	225	214	169	163	157	149	140	124	108
8LM 160/10 D	150	110	211,0		250	238	188	181	174	166	155	138	120
8LM 160/11 D	150	110	211,0		275	262	207	199	191	183	171	152	132
8LM 160/12 D	175	130	245,3		300	286	226	217	209	199	186	166	144
8LM 160/13 D	175	130	245,3		325	309	244	235	226	216	202	179	156
8LM 160/14 D	200	150	277,2		350	333	263	253	244	232	217	193	168
8LM 160/15 D	200	150	277,2		375	357	282	272	261	249	233	207	180
8LM 160/16 D	225	165	313,3		400	381	301	290	278	266	248	221	192
8LM 160/17 D	225	165	313,3		425	405	320	308	296	282	264	235	204
8LM 160/18 D	250	185	342,2	450	428	338	326	313	299	279	248	216	



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
8LM 160/09	3333	1750	1583	270	80
8LM 160/10 D	3633	1900	1733	300	88
8LM 160/11 D	3783	2050	1733	300	95
8LM 160/12 D	3834	2200	1634	385	103
8LM 160/13 D	3984	2350	1634	385	114
8LM 160/14 D	4234	2500	1734	415	121
8LM 160/15 D	4384	2650	1734	415	129
8LM 160/16 D	4654	2800	1854	444	136
8LM 160/17 D	4804	2950	1854	444	144
8LM 160/18 D	5084	3100	1984	480	151

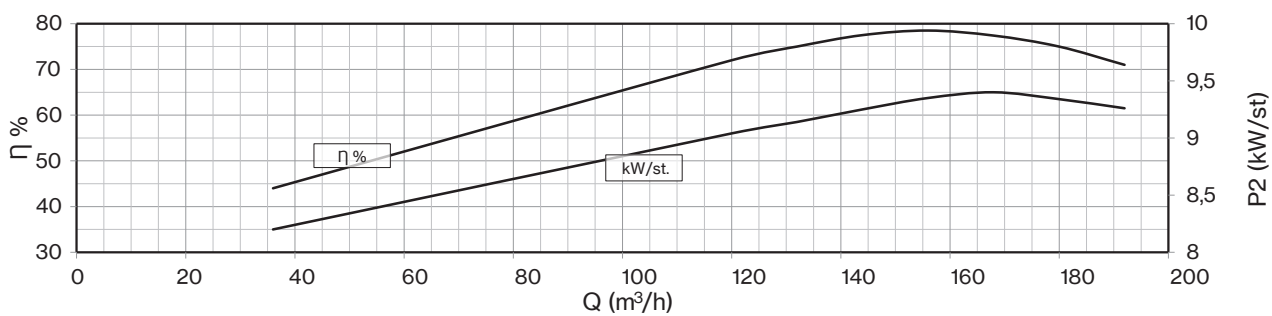
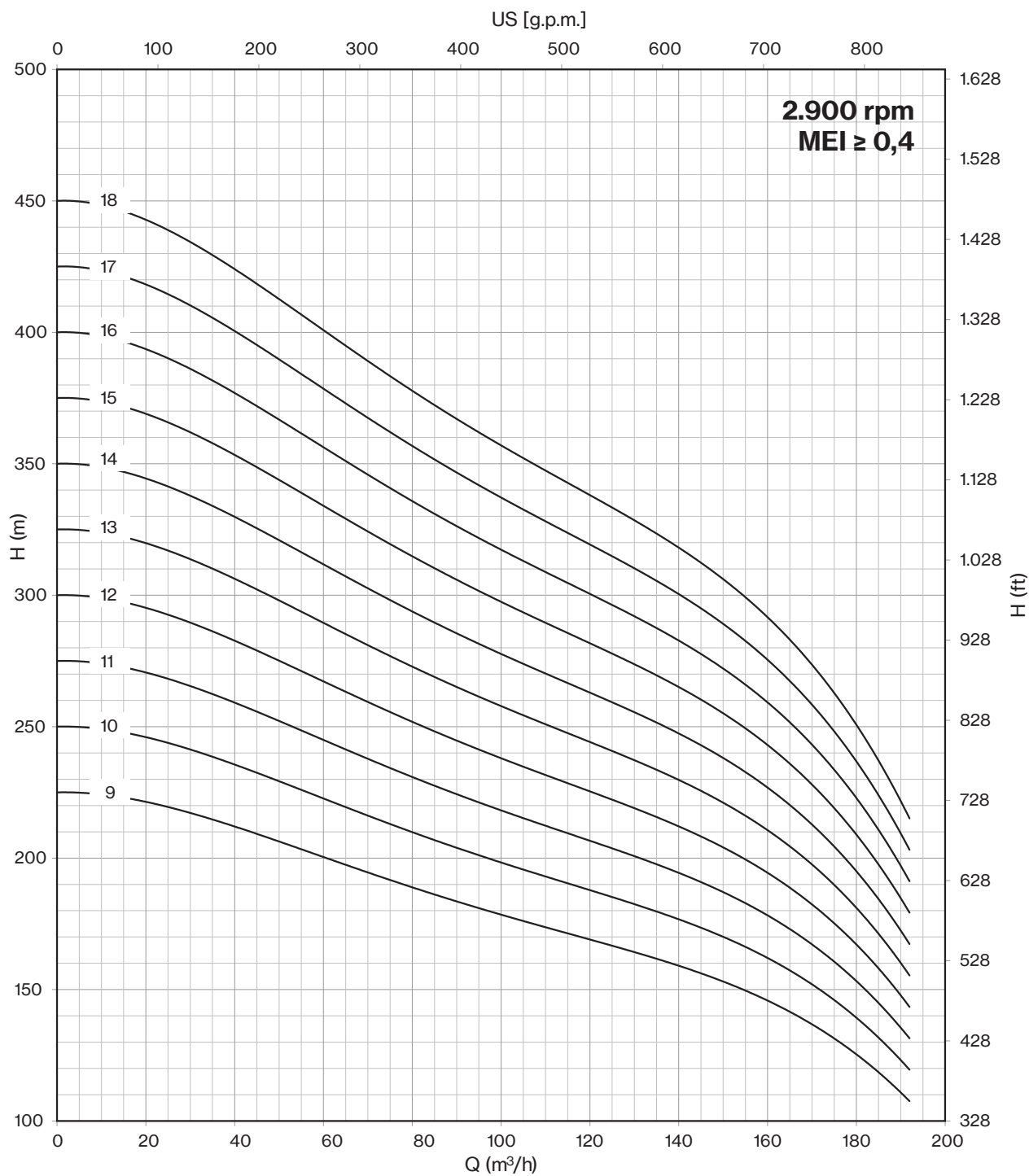


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 139,7 mm

Max Eff. % =	78,5
Max kW / St. =	9,4

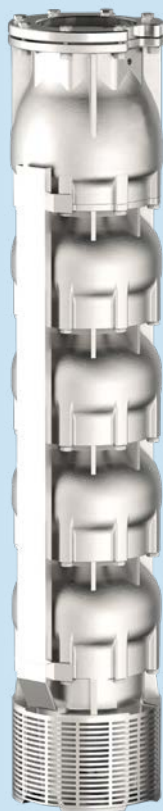
Q (flow)	25%	50%	75%	100%
NPSH (m)	4	4,5	7	13

"D" Pump shaft in Duplex



10-12LM & E14 lines

Deepwell Borehole



10LM line



12LM line



E14

Submersible multistage centrifugal pumps for 10", 12" and 14" wells. Check valve built into the delivery outlet. Pump flange for coupling with motors are made according to NEMA standards. Most common applications are civil and agricultural. All components are made of stainless steel with lost wax Microfusion technology, the standard material is AISI 304 stainless steel, alternatively the following materials are available on request: AISI 316 Steel, Duplex steel, AISI 904L Steel. Bushing bearings and wear-rings made of sand abrasion-resistant rubber, reverse-Thrust ring in PTFE/Graphite.

General operating data:

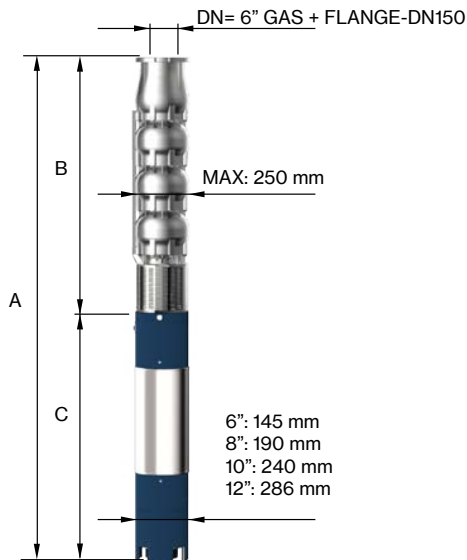
- Capacity up to 860 m³/h
- Pressure up to 800 m
- Hydraulic efficiency 10", up to 84,0%
- Hydraulic efficiency 12", up to 82,5%
- Hydraulic efficiency 14", up to 82,3%
- Pressure up to 80 bar
- Powers up to 400 kW
- Rotation speed up to 3600 rpm
- Maximum depth: 350 m
- Maximum quantity of permitted sand: 100 gr/m³
- Drinking water compatibility according to DM174 MEI >= 0,4 (EU directive No.547/2012)
- Performance tolerance: ISO9906-3B.

Construction features

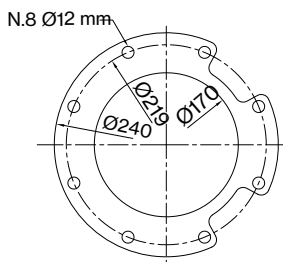
Suction and delivery outlet	AISI 304 (LMS) AISI 316 (LMX - EX) Duplex (LMD - ED) Cast iron (E)
Valve	AISI 304 (LMS) AISI 316 (LMX - EX) Duplex (LMD - ED) Cast iron (E)
Impellers and diffusers	AISI 304 (LMS) AISI 316 (LMX - EX) Duplex (LMD - ED) Cast iron (E)
Upper bushings	NBR rubber
Shaft pump side	AISI 304 (LMS) AISI 316 (LMX) Duplex (LMD) AISI 431 (E - EX - ED)
Quantity of sand in the water	max 100 g/m ³



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	700	1800	2200	2600	3000	3400	3800	4000
	HP	kW		A	l/sec	0	11,7	30,0	36,7	43,3	50,0	56,7	63,3
			m ³ /h		0	42	108	132	156	180	204	228	240
10LM 190/01 DR20	25	18,5	38,3	H[m]	35	34	32	30	27	24	21	16	14
10LM 190/01	30	22	45,1		42	41	38	36	34	31	28	23	21
10LM 190/02 DR10	50	37	75,8		76	75	70	66	61	55	48	40	35
10LM 190/02	60	45	86,3		83	82	77	73	68	62	55	47	41
10LM 190/03 DR20	75	55	106,2		104	102	95	89	82	73	62	49	42
10LM 190/03	90	66	126,0		125	124	115	109	102	93	83	70	62
10LM 190/04 DR10	100	75	143,2		152	150	140	132	122	110	96	79	70
10LM 190/04	125	92	175,1		166	165	154	146	136	124	110	94	82
10LM 190/05 DR10	150	110	211,0		190	188	175	165	153	138	120	99	87
10LM 190/05 D	150	110	211,0		208	206	192	182	170	155	138	117	103
10LM 190/06 DR10 D	175	130	245,3		228	225	210	198	184	166	144	119	104
10LM 190/06 D	175	130	245,3		250	247	230	218	204	186	166	140	124



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	A	B	C	M	P
10LM 190/01 DR20	1616	625	991	83	41
10LM 190/01	1696	625	1071	92	41
10LM 190/02 DR10	2146	805	1341	118	56
10LM 190/02	1928	805	1123	178	56
10LM 190/03 DR20	2218	985	1233	200	72
10LM 190/03	2287	985	1302	214	72
10LM 190/04 DR10	2548	1165	1383	230	87
10LM 190/04	2748	1165	1583	270	87
10LM 190/05 DR10	2898	1165	1733	300	87
10LM 190/05 D	2898	1165	1733	300	87
10LM 190/06 DR10 D	2799	1165	1634	385	87
10LM 190/06 D	2799	1165	1634	385	87



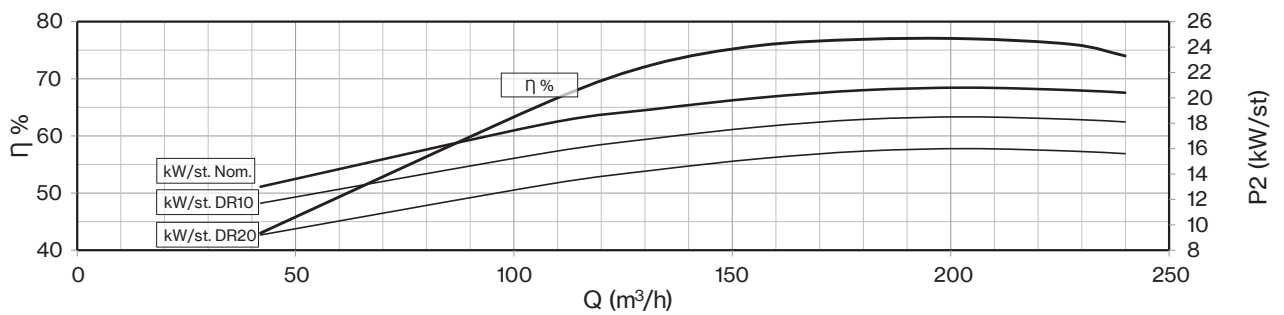
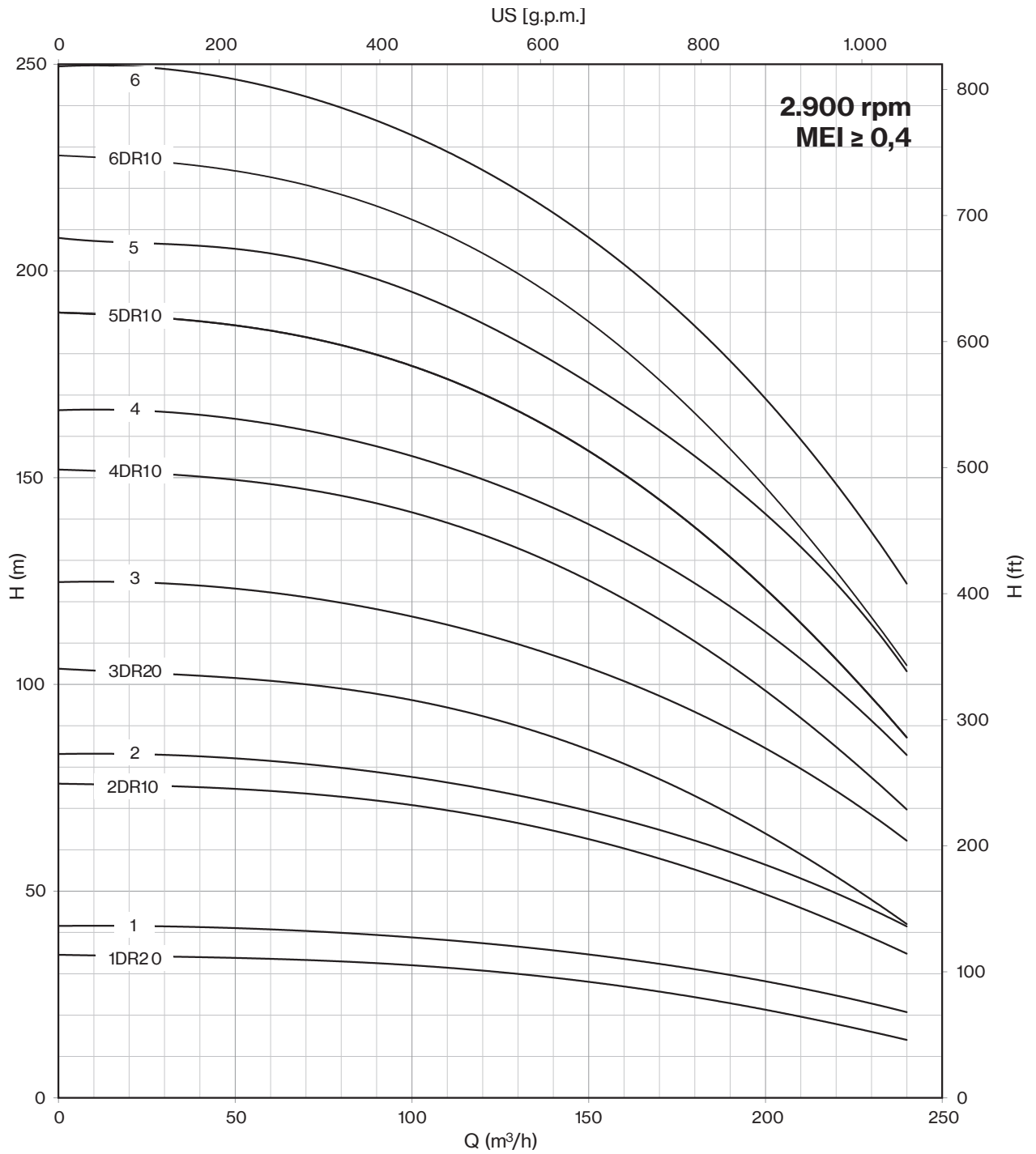
Max Eff. % DR20 =	76,5
Max Eff. % DR10 =	77,5
Max Eff. % =	77
Max kW / St. DR20 =	16
Max kW / St. DR10 =	18,5
Max kW / St. =	20,8

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

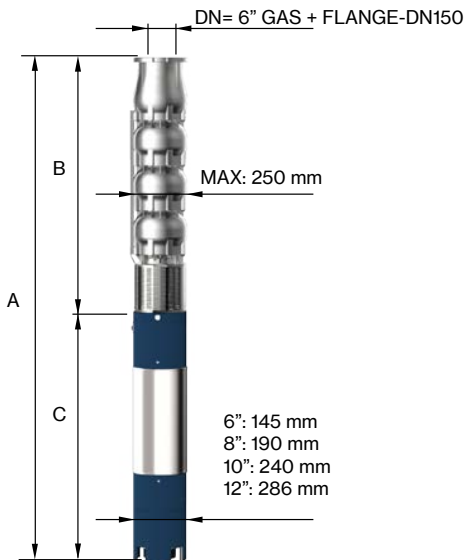
FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

"D" Pump shaft in Duplex

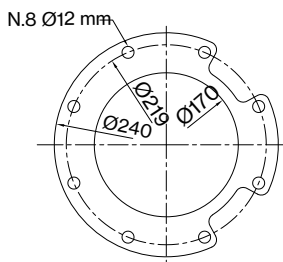
10LM 190



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	700	1800	2200	2600	3000	3400	3800	4000
	HP	kW		A	l/sec	0	11,7	30,0	36,7	43,3	50,0	56,7	63,3
			m ³ /h		0	42	108	132	156	180	204	228	240
10LM 190/07 DR10 D	175	130	245,3	H[m]	266	263	245	231	214	193	168	139	122
10LM 190/07 D	200	150	277,2		291	288	269	255	238	217	193	164	144
10LM 190/08 DR10 D	200	150	277,2		304	300	280	264	245	221	192	158	139
10LM 190/08 D	250	185	342,2		333	330	307	291	272	248	221	187	165
10LM 190/09 D	300	220	430,0		374	371	346	328	306	279	248	211	185
10LM 190/010 D	300	220	430,0		416	412	384	364	340	310	276	234	206
10LM 190/011 D	340	250	481,0		458	453	422	400	374	341	304	257	227



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
10LM 190/07 DR10 D	3339	1705	1634	385	134
10LM 190/07 D	3439	1705	1734	415	134
10LM 190/08 DR10 D	3619	1885	1734	415	149
10LM 190/08 D	3869	1885	1984	480	149
10LM 190/09 D	4175	2065	2110	700	165
10LM 190/010 D	4355	2245	2110	700	180
10LM 190/011 D	4705	2425	2280	775	196

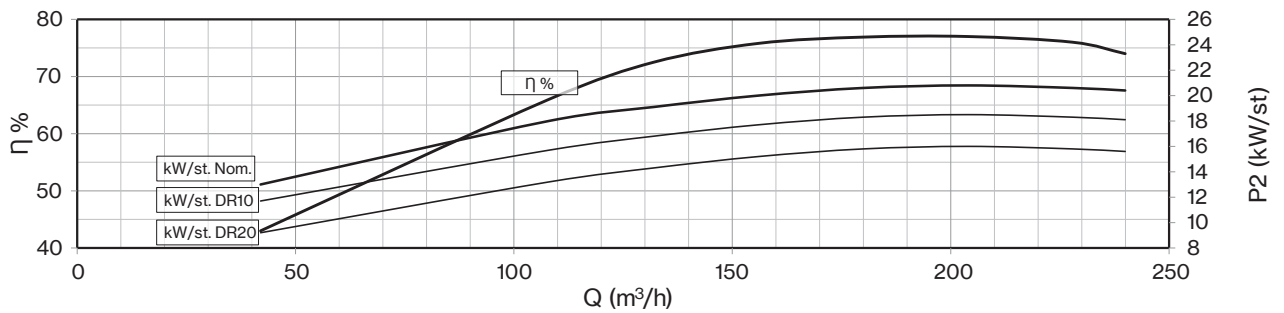
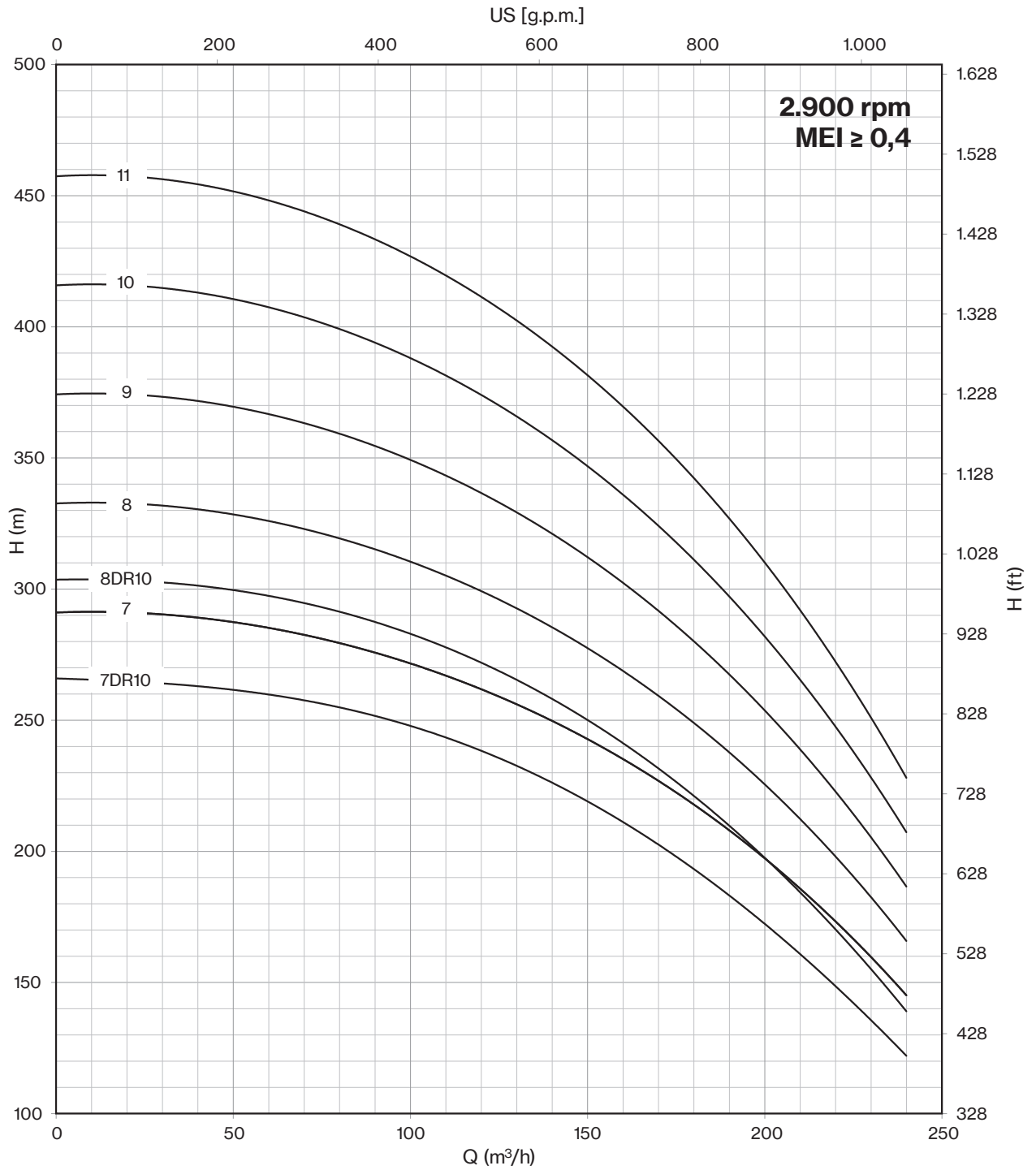


Max Eff. % DR20 =	76,5
Max Eff. % DR10 =	77,5
Max Eff. % =	77
Max kW / St. DR20 =	16
Max kW / St. DR10 =	18,5
Max kW / St. =	20,8

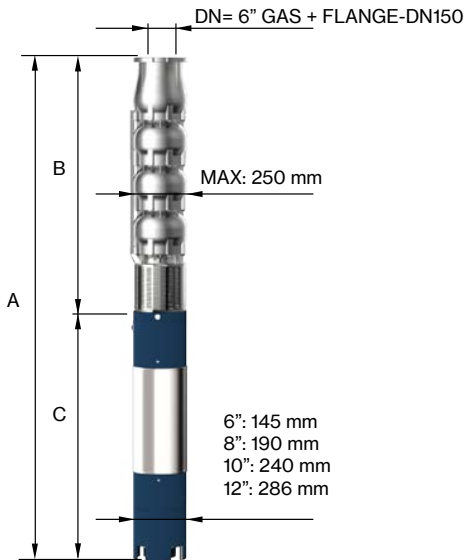
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

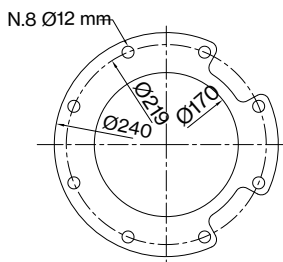
10LM 190



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	800	2200	2600	3000	3400	3800	4200	4600
	HP	kW			A	l/sec	13,3	36,7	43,3	50,0	56,7	63,3	70,0
			m3/h	0		48	132	156	180	204	228	252	276
10LM 230/01 DR20	25	18,5	38,3	H[m]	37	36	31	29	27	25	23	19	16
10LM 230/01	35	26	52,9		44	43	38	36	34	32	30	26	23
10LM 230/02 DR20	50	37	75,8		74	71	62	58	54	50	45	38	32
10LM 230/02	75	55	106,2		88	85	75	72	68	64	59	53	46
10LM 230/03 DR20	75	55	106,2		110	107	93	87	81	75	68	57	48
10LM 230/03 DR10	90	66	126,0		121	116	102	98	92	86	78	68	59
10LM 230/03	100	75	143,2		131	128	113	108	102	96	89	79	69
10LM 230/04 DR10	125	92	175,1		162	154	136	130	122	114	104	91	78
10LM 230/04	125	92	175,1		175	170	150	144	136	128	118	106	92
10LM 230/05 DR10 D	150	110	211,0		202	193	170	163	153	143	130	114	98
10LM 230/05 D	175	130	245,3		219	213	188	180	170	160	148	132	115
10LM 230/06 DR10 D	175	130	245,3		242	231	204	195	183	171	156	137	117
10LM 230/06 D	200	150	277,2		263	255	225	216	204	192	178	159	138



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	A	B	C	M	P
10LM 230/01 DR20	1616	625	991	83	41
10LM 230/01	1806	625	1181	100	41
10LM 230/02 DR20	2146	805	1341	118	56
10LM 230/02	2038	805	1233	200	56
10LM 230/03 DR20	2218	985	1233	200	72
10LM 230/03 DR10	2287	985	1302	214	72
10LM 230/03	2368	985	1383	230	72
10LM 230/04 DR10	2748	1165	1583	270	87
10LM 230/04	2748	1165	1583	270	87
10LM 230/05 DR10 D	3078	1345	1733	300	103
10LM 230/05 D	3078	1345	1733	300	103
10LM 230/06 DR10 D	3159	1525	1634	385	118
10LM 230/06 D	3159	1525	1634	385	118

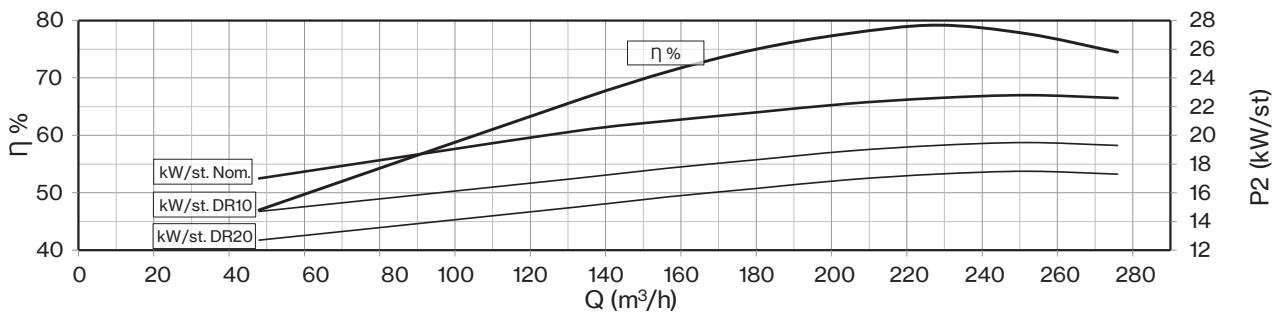
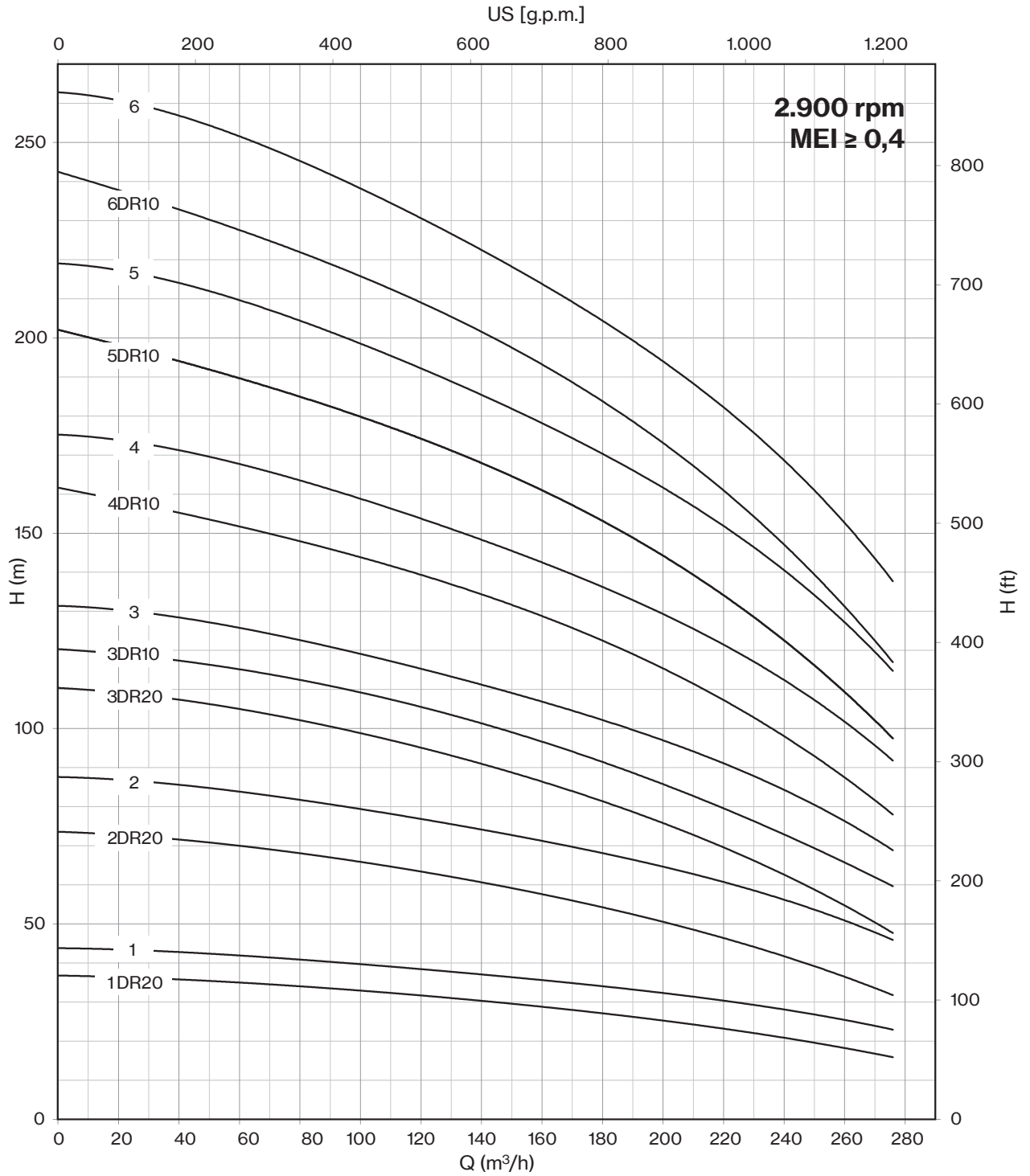


Max Eff. % DR20 =	78,4
Max Eff. % DR10 =	79,5
Max Eff. % =	79,2
Max kW / St. DR20 =	17,5
Max kW / St. DR10 =	19,5
Max kW / St. =	22,8

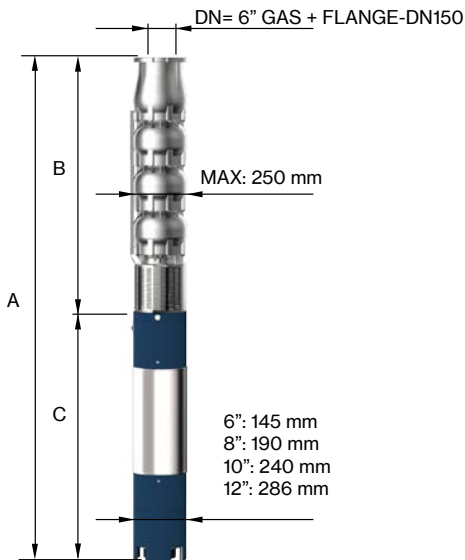
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

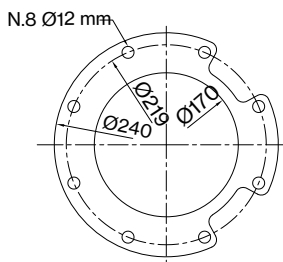
10LM 230



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V A	l/min l/sec m ³ /h	0	800	2200	2600	3000	3400	3800	4200	4600
	HP	kW			0	13,3	36,7	43,3	50,0	56,7	63,3	70,0	76,7
10LM 230/07 DR10 D	200	150	277,2	H[m]	283	270	238	228	214	200	182	160	137
10LM 230/07 D	225	165	313,3		307	298	263	252	238	224	207	185	161
10LM 230/08 DR10 D	225	165	313,3		323	308	272	261	245	229	208	182	157
10LM 230/08 D	250	185	342,2		350	340	301	288	272	256	237	211	184
10LM 230/09 D	300	220	430,0		394	383	338	324	306	288	266	238	207
10LM 230/10 D	340	250	481,0		438	425	376	360	340	320	296	264	230
10LM 230/11 D	340	250	481,0		482	468	413	396	374	352	326	291	253



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
10LM 230/07 DR10 D	3439	1705	1734	415	134
10LM 230/07 D	3559	1705	1854	444	134
10LM 230/08 DR10 D	3739	1885	1854	444	149
10LM 230/08 D	3869	1885	1984	480	149
10LM 230/09 D	4175	2065	2110	700	165
10LM 230/10 D	4355	2245	2110	700	180
10LM 230/11 D	4705	2425	2280	775	196

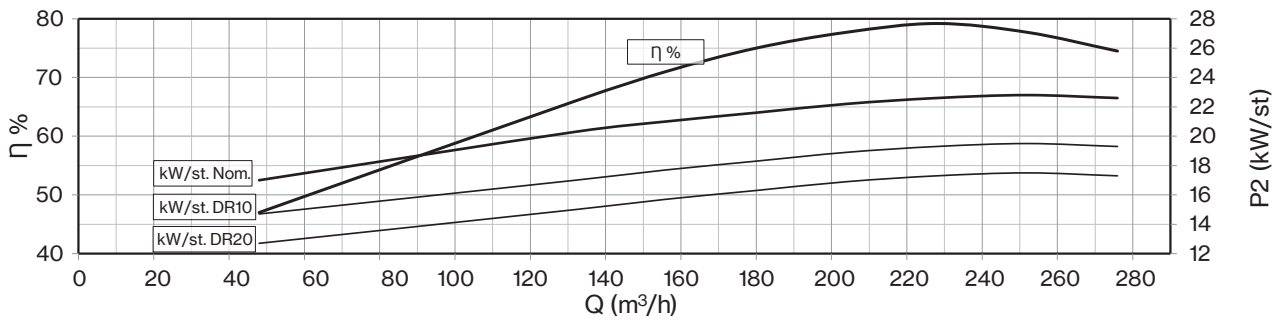
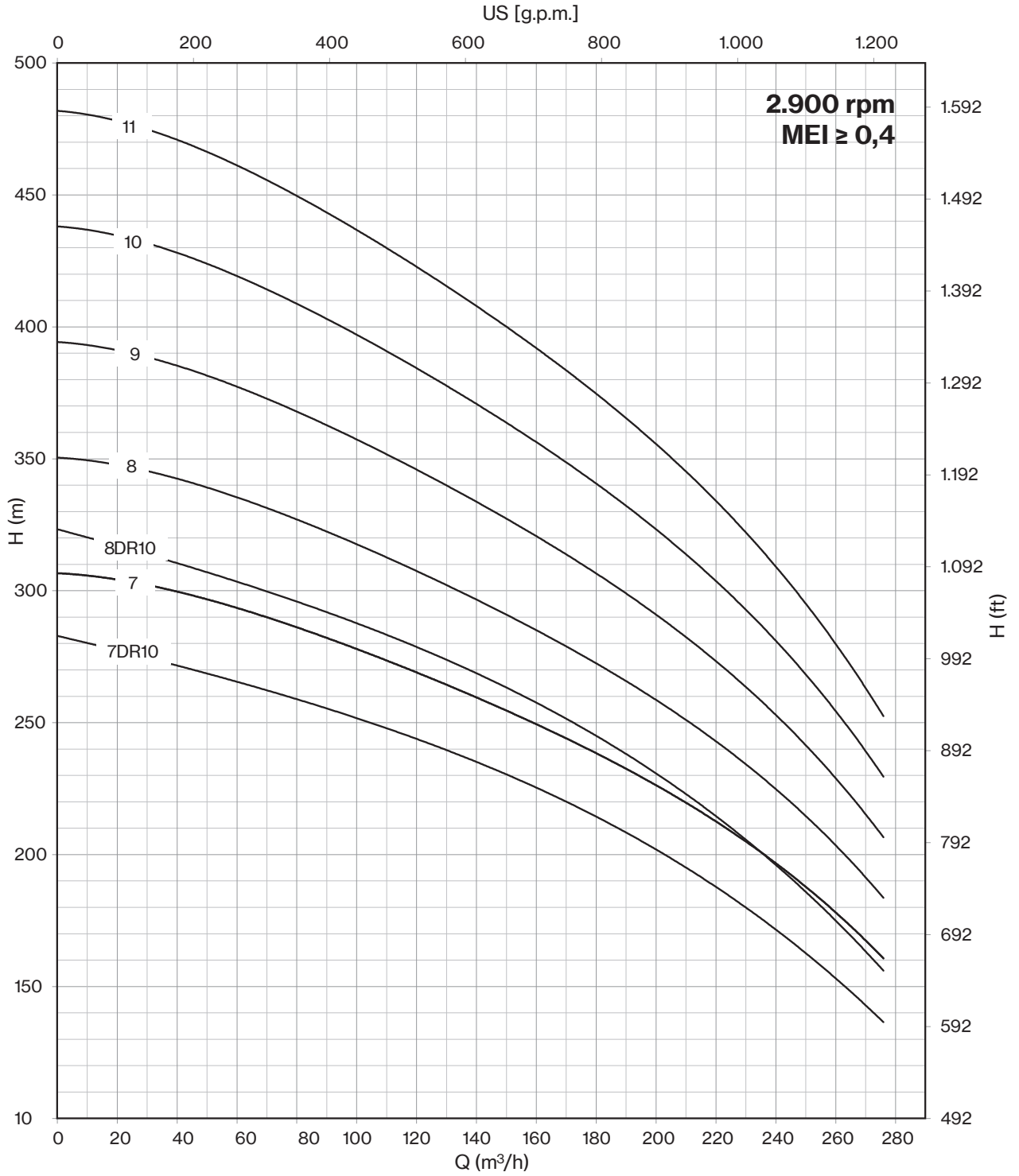


Max Eff. % DR20 =	78,4
Max Eff. % DR10 =	79,5
Max Eff. % =	79,2
Max kW / St. DR20 =	17,5
Max kW / St. DR10 =	19,5
Max kW / St. =	22,8

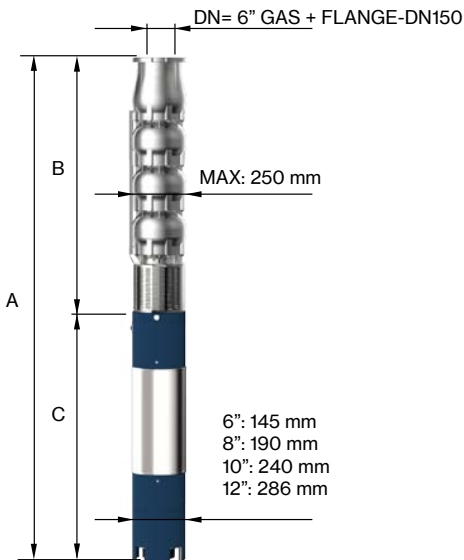
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

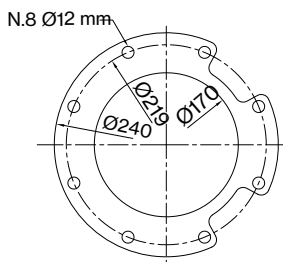
10LM 230



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	1000	3200	3600	4000	4400	4800	5000	5200
	HP	kW			A	0	16,7	53,3	60,0	66,7	73,3	80,0	83,3
10LM 250/01 DR20	25	18,5	38,3	H[m]	31	31	27	25	23	21	18	17	14
10LM 250/01	40	30	61,1		44	42	34	32	30	28	26	25	24
10LM 250/02 DR20	50	37	75,8		63	62	54	50	46	42	36	33	27
10LM 250/02	75	55	106,2		88	84	67	64	59	56	52	50	48
10LM 250/03 DR10	100	75	143,2		107	107	93	86	80	73	65	59	53
10LM 250/03	125	92	175,1		132	126	101	96	89	83	78	75	72
10LM 250/04 DR10	125	92	175,1		143	142	124	115	107	97	87	79	70
10LM 250/04 D	150	110	211,0		176	168	134	128	118	111	104	100	96
10LM 250/05 DR10 D	175	130	245,3		179	178	155	144	134	121	109	99	88
10LM 250/05 D	200	150	277,2		220	210	168	160	148	139	130	125	120
10LM 250/06 D	225	165	313,3	264	252	202	192	178	167	156	150	144	



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	A	B	C	M	P
10LM 250/01 DR20	1616	625	991	83	41
10LM 250/01	1876	625	1251	108	41
10LM 250/02 DR20	2146	805	1341	118	57
10LM 250/02	2038	805	1233	200	57
10LM 250/03 DR10	2368	985	1383	230	72
10LM 250/03	2568	985	1583	270	72
10LM 250/04 DR10	2748	1165	1583	270	88
10LM 250/04 D	2898	1165	1733	300	88
10LM 250/05 DR10 D	2979	1345	1634	385	103
10LM 250/05 D	2979	1345	1634	385	103
10LM 250/06 D	3379	1525	1854	444	119



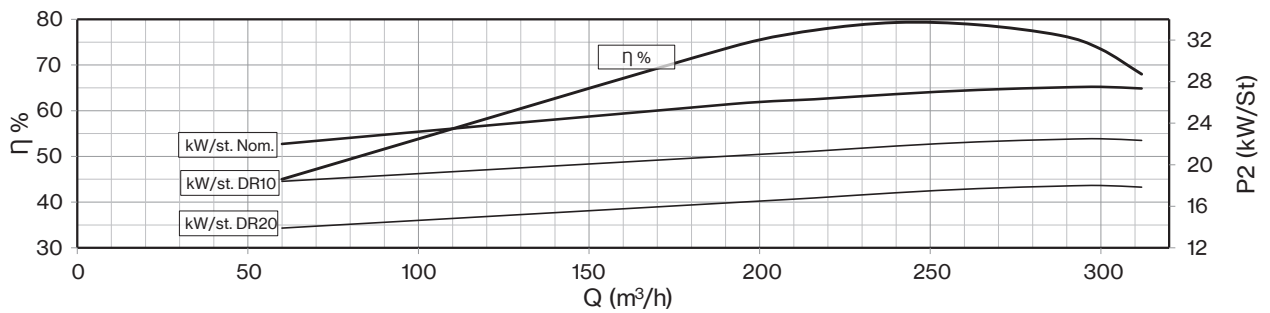
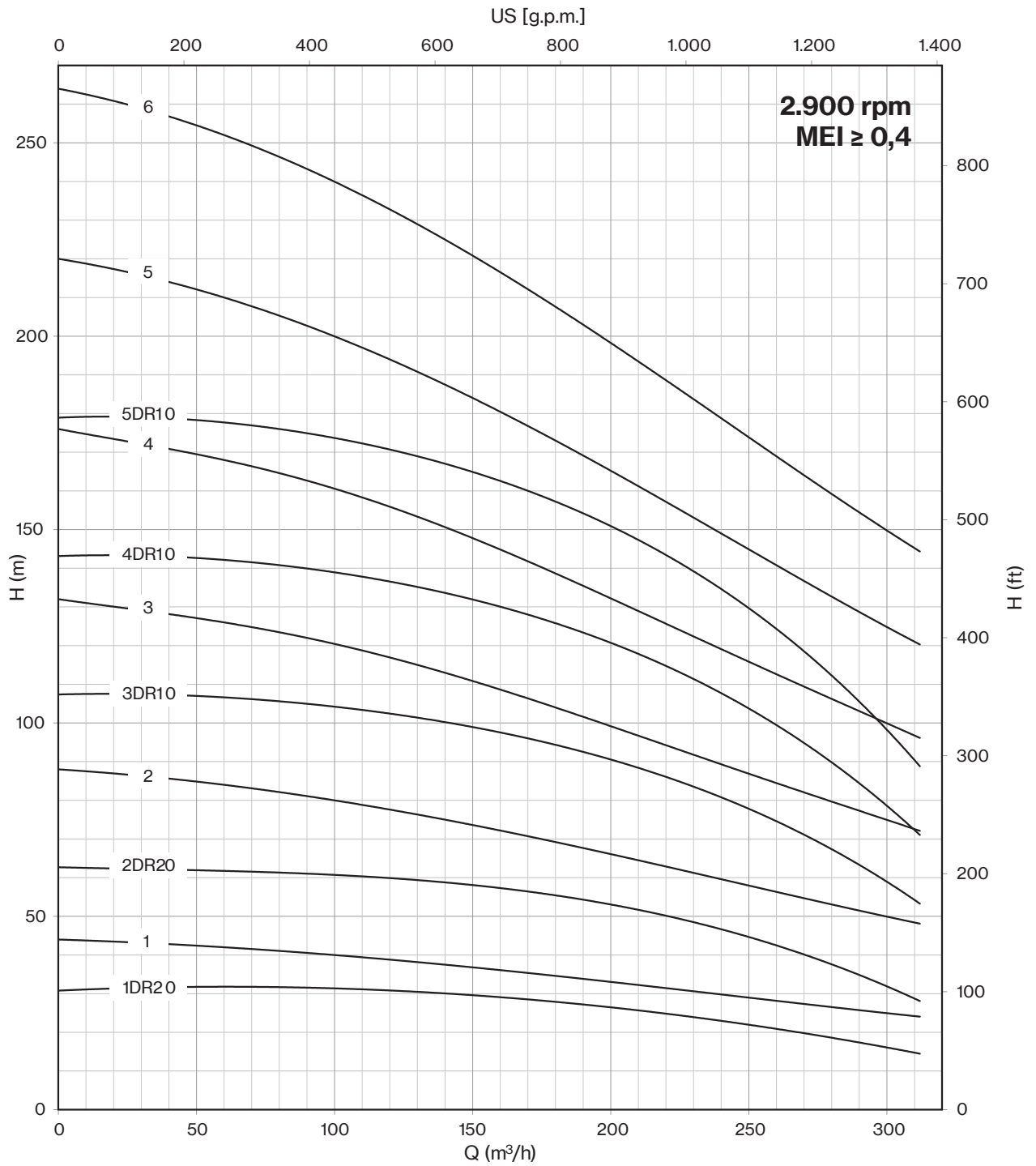
Max Eff. % DR20 =	79
Max Eff. % DR10 =	79,5
Max Eff. % =	79,3
Max kW / St. DR20 =	18
Max kW / St. DR10 =	22,5
Max kW / St. =	27,4

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

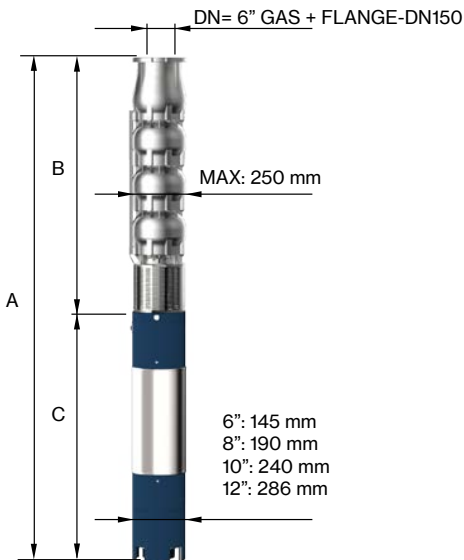
FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

"D" Pump shaft in Duplex

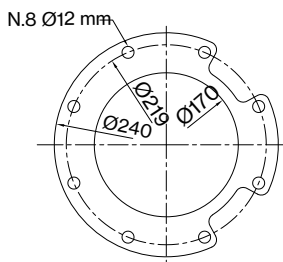
10LM 250



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	1000	3200	3600	4000	4400	4800	5000	5200
	HP	kW		A	l/sec	0	16,7	53,3	60,0	66,7	73,3	80,0	83,3
			m ³ /h		0	60	192	216	240	264	288	300	312
10LM 250/07 DR10 D	225	165	313,3	H[m]	251	249	217	202	188	169	153	139	123
10LM 250/07 D	300	220	430,0		308	294	235	224	207	195	182	175	168
10LM 250/08 D	300	220	430,0		352	336	269	256	237	222	208	200	192
10LM 250/09 D	340	250	481,0		396	378	302	288	266	250	234	225	216
10LM 250/10 D	400	300	551,0		440	420	336	320	296	278	260	250	240
10LM 250/11 D	450	330	620,0		484	462	370	352	326	306	286	275	264
10LM 250/12 D	450	330	620,0		528	504	403	384	355	334	312	300	288



Motor 50 Hz 2900 rpm	Dimensions (mm)			Weight (kg)	
TYPE	A	B	C	M	P
10LM 250/07 DR10 D	3559	1705	1854	444	134
10LM 250/07 D	3815	1705	2110	700	134
10LM 250/08 D	3995	1885	2110	700	150
10LM 250/09 D	4345	2065	2280	775	165
10LM 250/10 D	4525	2245	2280	775	181
10LM 250/11 D	4705	2425	2280	775	196
10LM 250/12 D	4765	2605	2160	906	212

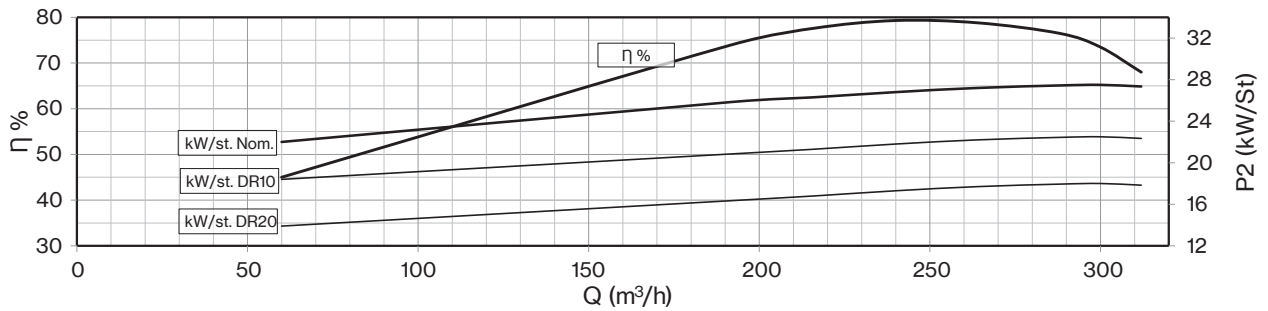
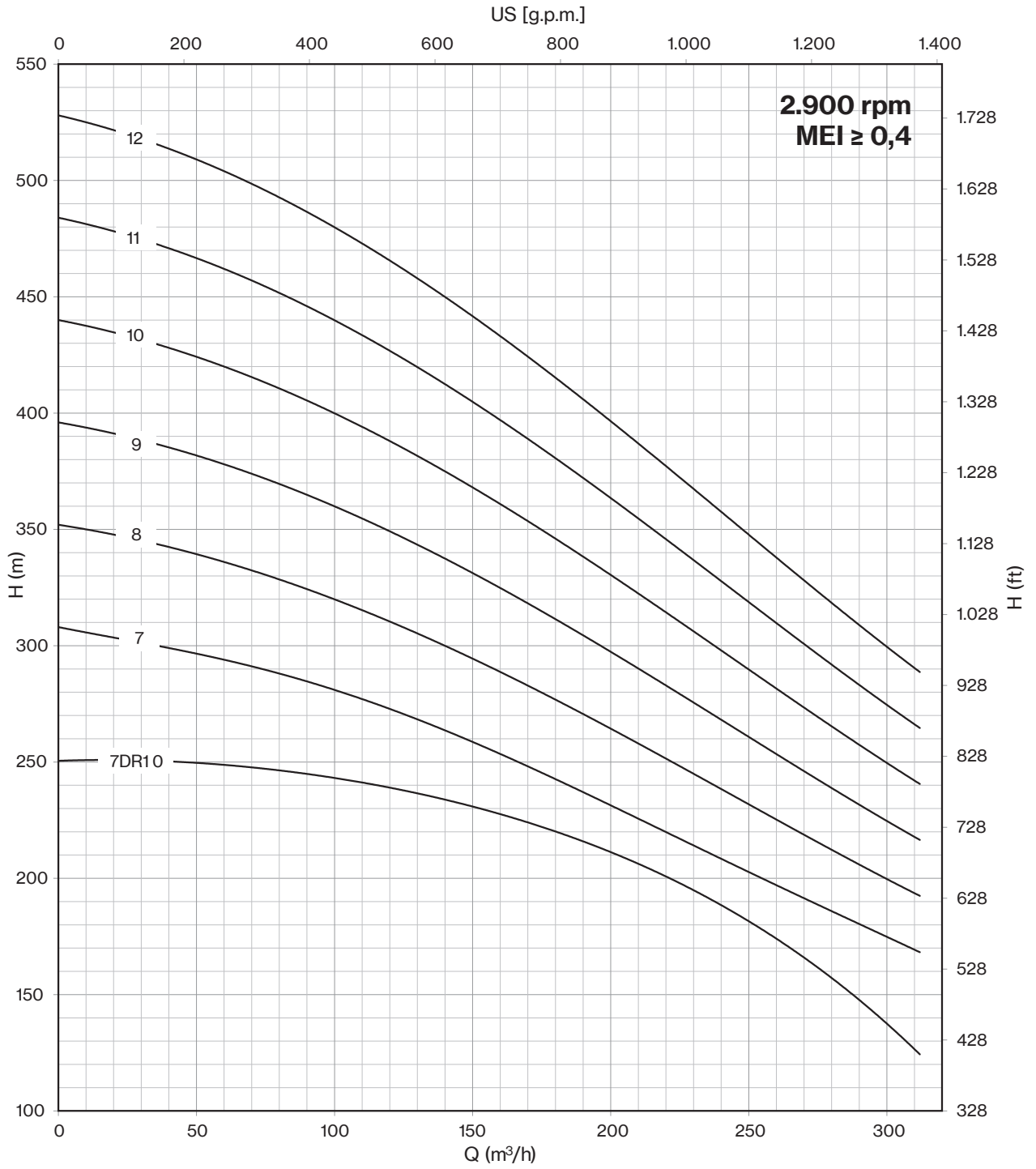


FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

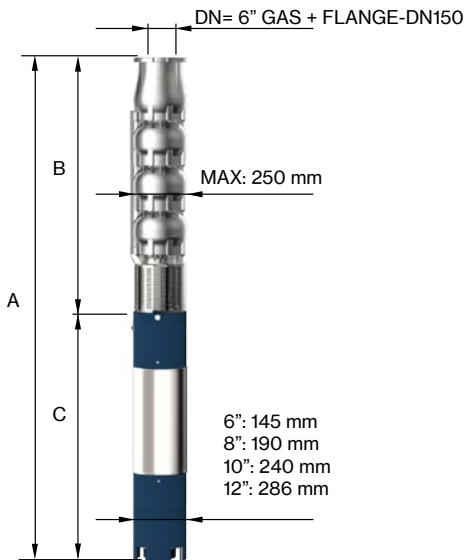
Max Eff. % DR20 =	79
Max Eff. % DR10 =	79,5
Max Eff. % =	79,3
Max kW / St. DR20 =	18
Max kW / St. DR10 =	22,5
Max kW / St. =	27,4

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

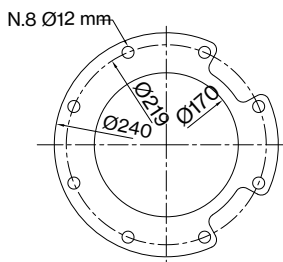
10LM 250



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min l/sec m ³ /h	0	1000	3400	3800	4200	4600	5000	5400	5800
	HP	kW			A	0	16,7	56,7	63,3	70,0	76,7	83,3	90,0
			0	60		204	228	252	276	300	324	348	
10LM 275/01 DR20	35	26	52,9	H[m]	36	36	28	26	25	23	21	19	16
10LM 275/01	50	37	75,8		45	44	37	35	34	32	30	28	25
10LM 275/02 DR20	75	55	106,2		72	71	56	52	50	46	42	39	32
10LM 275/02	90	66	126,0		90	87	73	70	67	63	60	56	50
10LM 275/03 DR10	125	92	175,1		122	121	97	92	88	82	77	72	62
10LM 275/03 D	150	110	211,0		135	131	110	105	101	95	90	85	75
10LM 275/04 DR10 D	175	130	245,3		163	161	130	123	118	110	103	96	83
10LM 275/04 D	200	150	277,2		180	175	146	140	134	126	120	113	100
10LM 275/05 DR10 D	200	150	277,2		204	202	162	154	147	137	129	120	104
10LM 275/05 D	225	165	313,3		225	219	183	175	168	158	150	141	125
10LM 275/06 DR10 D	250	185	342,2		245	242	194	185	176	164	155	144	125
10LM 275/06 D	300	220	430,0		270	262	220	210	202	190	180	169	150



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	A	B	C	M	P
10LM 275/01 DR20	1806	625	1181	100	41
10LM 275/01	1966	625	1341	118	41
10LM 275/02 DR20	2038	805	1233	200	56
10LM 275/02	2107	805	1302	214	56
10LM 275/03 DR10	2568	985	1583	270	72
10LM 275/03 D	2718	985	1733	300	72
10LM 275/04 DR10 D	2799	1165	1634	385	87
10LM 275/04 D	2899	1165	1734	415	87
10LM 275/05 DR10 D	3079	1345	1734	415	103
10LM 275/05 D	3199	1345	1854	444	103
10LM 275/06 DR10 D	3509	1525	1984	480	118
10LM 275/06 D	3635	1525	2110	700	118

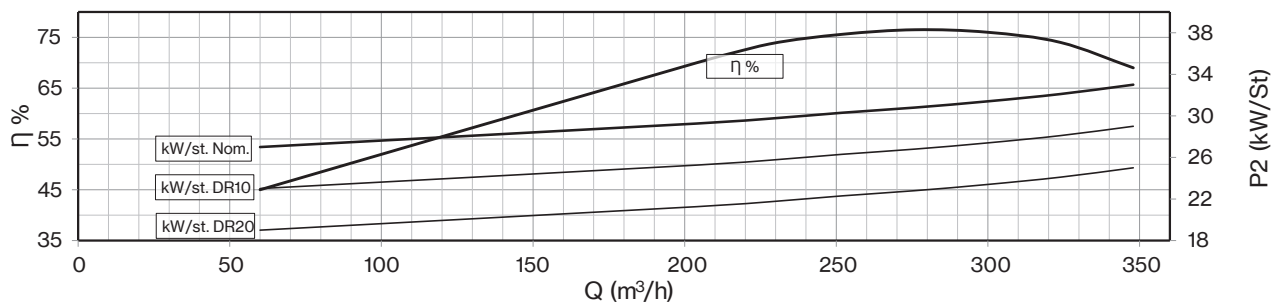
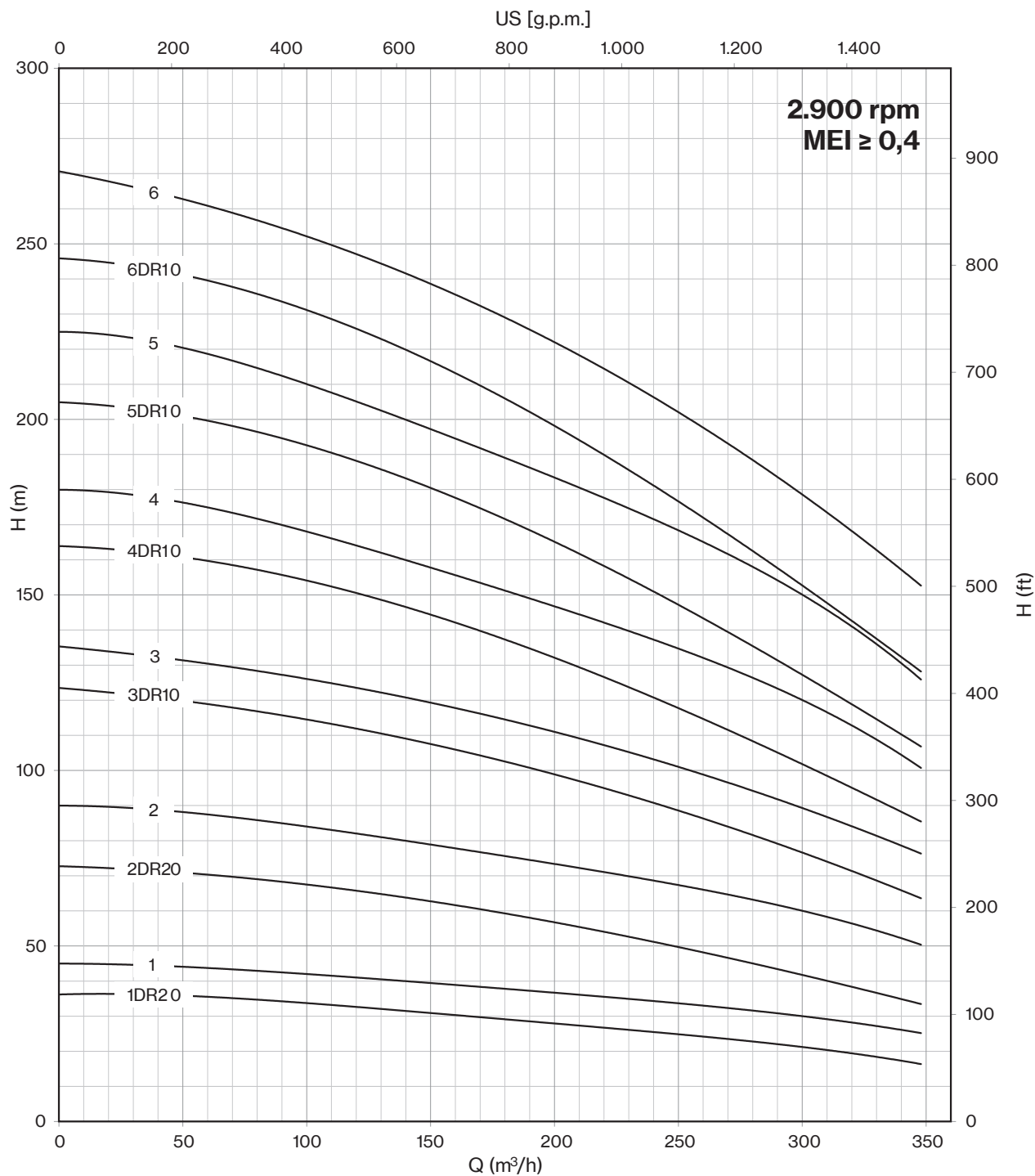


Max Eff. % DR20 =	76,1
Max Eff. % DR10 =	77,2
Max Eff. % =	76,5
Max kW / St. DR20 =	25
Max kW / St. DR10 =	29
Max kW / St. =	33

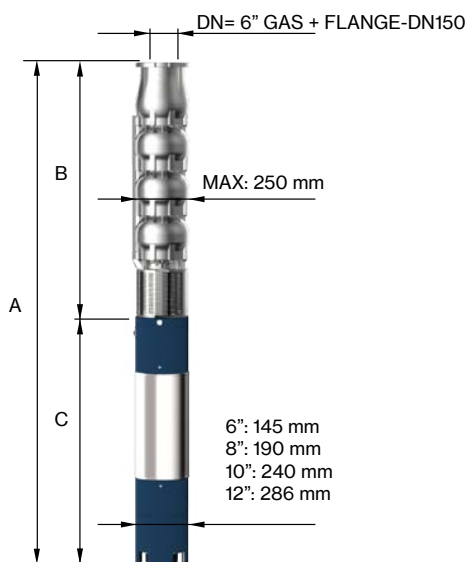
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

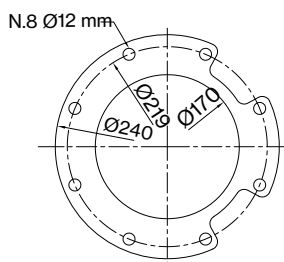
10LM 275



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	1000	3400	3800	4200	4600	5000	5400	5800
	HP	kW		A	l/sec	0	16,7	56,7	63,3	70,0	76,7	83,3	90,0
			m ³ /h		0	60	204	228	252	276	300	324	348
10LM 275/07 DR10 D	300	220	430,0	H[m]	286	282	227	216	206	192	181	168	146
10LM 275/07 D	340	250	481,0		315	306	256	245	235	221	210	197	175
10LM 275/08 D	400	300	551,0		360	350	293	280	269	253	240	226	200
10LM 275/09 D	400	300	551,0		405	393	329	315	302	284	270	254	225
10LM 275/10 D	450	330	620,0		450	437	366	350	336	316	300	282	250
10LM 275/11 D	500	370	693,0		495	481	403	385	370	348	330	310	275
10LM 275/12 D	550	400	798,0		540	524	439	420	403	379	360	338	300



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
10LM 275/07 DR10 D	3815	1705	2110	700	134
10LM 275/07 D	3985	1705	2280	775	134
10LM 275/08 D	4165	1885	2280	775	149
10LM 275/09 D	4345	2065	2280	775	165
10LM 275/10 D	4405	2245	2160	906	180
10LM 275/11 D	4585	2425	2160	906	196
10LM 275/12 D	4925	2605	2320	1010	211

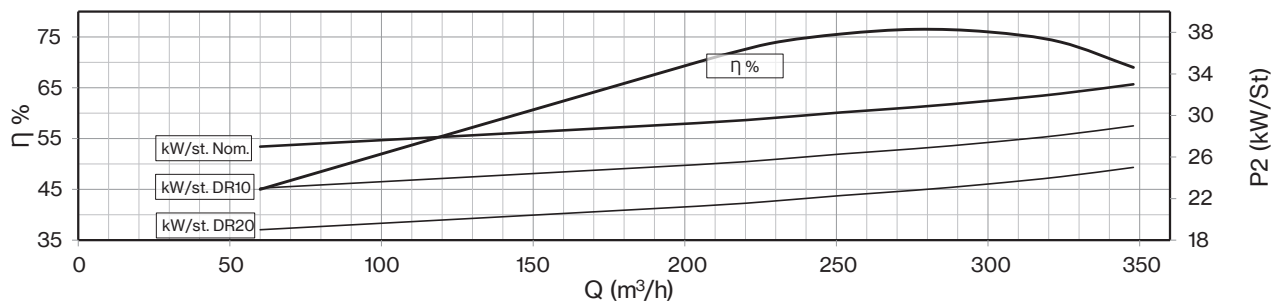
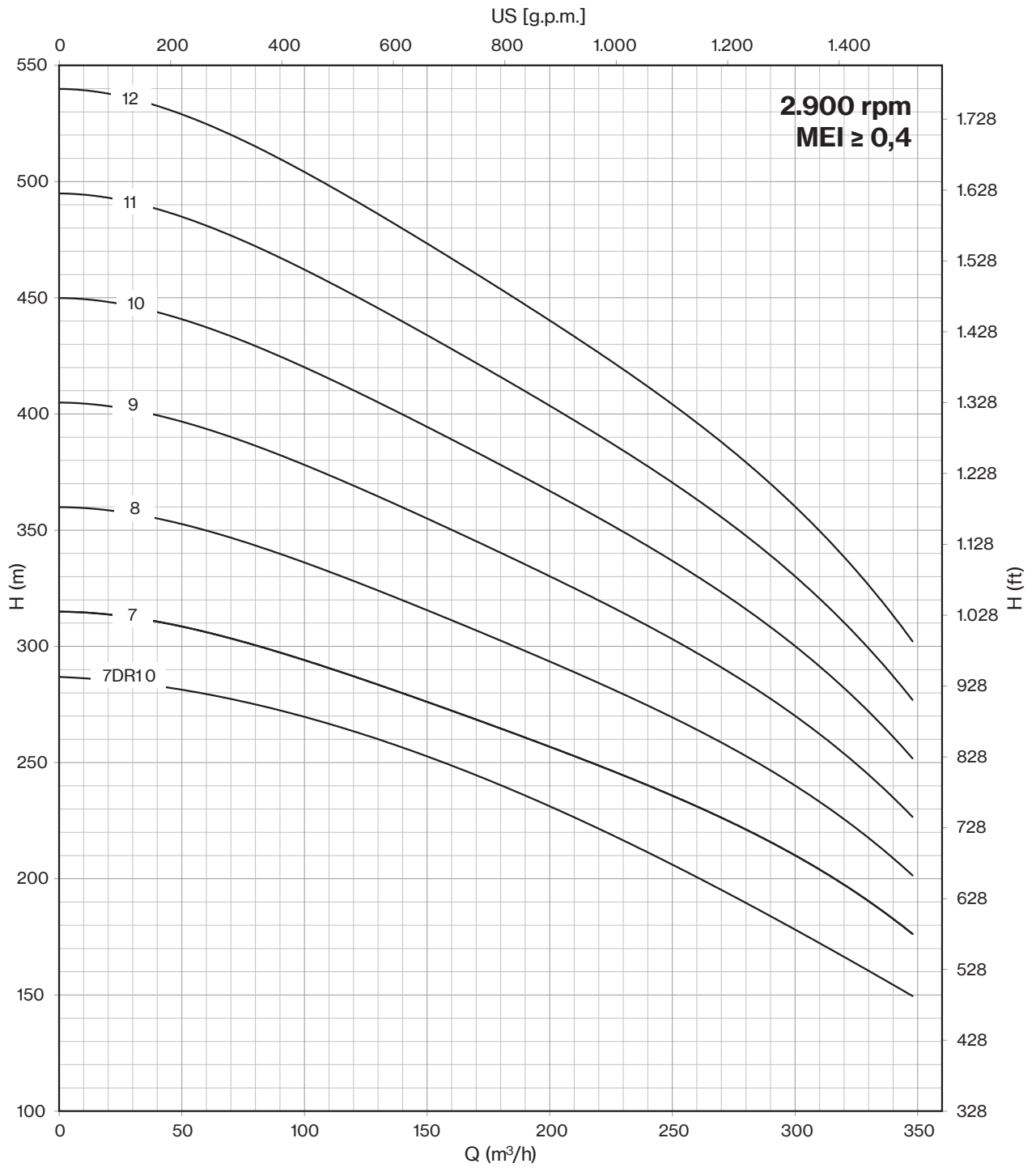


Max Eff. % DR20 =	76,1
Max Eff. % DR10 =	77,2
Max Eff. % =	76,5
Max kW / St. DR20 =	25
Max kW / St. DR10 =	29
Max kW / St. =	33

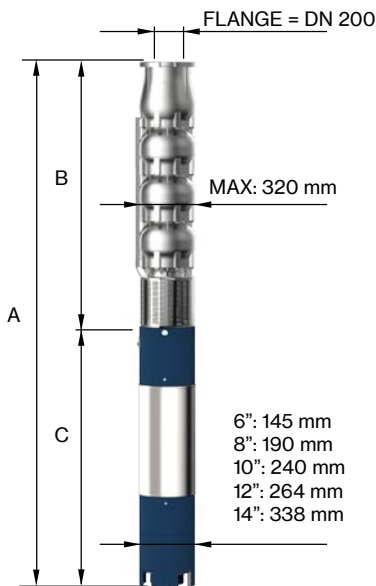
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 168,3 mm

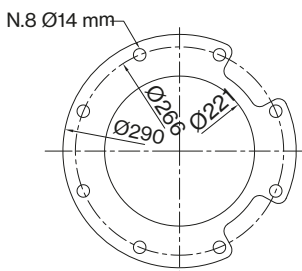
10LM 275



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	1500	4000	4500	5000	5500	6000	6500	7000
	HP	kW			A	l/sec	25,0	66,7	75,0	83,3	91,7	100,0	108,3
						m ³ /h	90	240	270	300	330	360	390
12LM 360/01 DR35	50	37	75,8	H[m]	41	40	37	35	33	32	29		
12LM 360/01 DR20	75	55	106,2		49	48	47	45	44	42	40	38	34
12LM 360/01	90	66	126,0		62	61	55	53	52	52	50	47	42
12LM 360/02 DR35	100	75	143,2		82	80	73	70	66	63	57		
12LM 360/02 DR20 D	150	110	211,0		98	96	93	90	87	84	80	75	68
12LM 360/02 D	175	130	245,3		124	122	109	106	104	103	100	93	84
12LM 360/03 DR20 D	200	150	277,2		147	144	140	135	131	126	120	113	102
12LM 360/03 DR10 D	250	185	342,2		165	162	152	149	144	140	132	126	120
12LM 360/03 D	300	220	430,0		186	183	164	159	156	155	150	140	126
12LM 360/04 DR20 D	300	220	430,0		196	192	186	180	174	168	160	150	136
12LM 360/04 DR10 D	340	250	481,0		220	216	202	198	192	186	176	168	160
12LM 360/04 D	400	300	551,0		248	244	218	212	208	206	200	186	168



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
12LM 360/01 DR35	2111	770	1341	118	79
12LM 360/01 DR20	2003	770	1233	200	79
12LM 360/01	2072	770	1302	214	79
12LM 360/02 DR35	2383	1000	1383	230	104
12LM 360/02 DR20 D	2733	1000	1733	300	104
12LM 360/02 D	2634	1000	1634	385	104
12LM 360/03 DR20 D	2964	1230	1734	415	129
12LM 360/03 DR10 D	3214	1230	1984	480	129
12LM 360/03 D	3340	1230	2110	700	129
12LM 360/04 DR20 D	3570	1460	2110	700	154
12LM 360/04 DR10 D	3740	1460	2280	775	154
12LM 360/04 D	3740	1460	2280	775	154



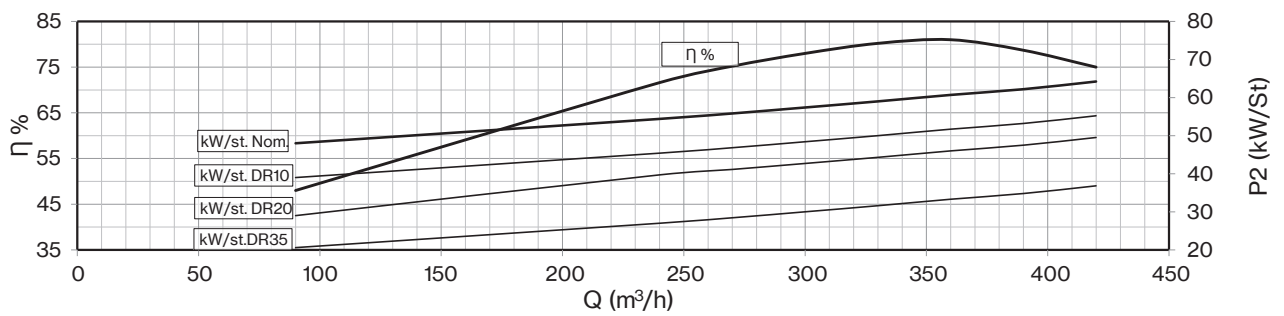
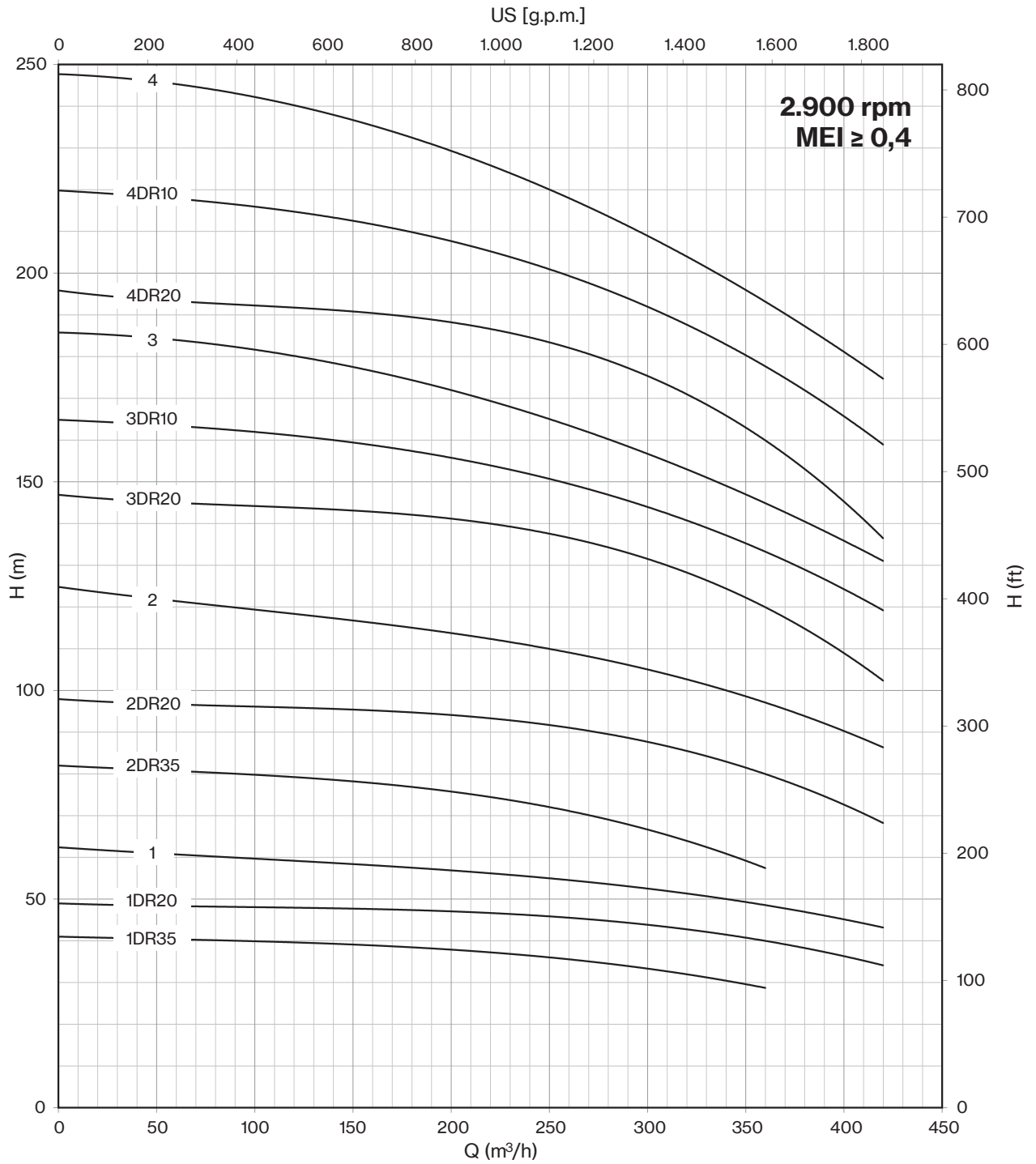
FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 219,1 mm

Max Eff. % DR35 =	77,5
Max Eff. % DR20 =	80
Max Eff. % DR10 =	80,5
Max Eff. % =	81
Max kW / St. DR35 =	36,80
Max kW / St. DR20 =	49,5
Max kW / St. DR10 =	55,2
Max kW / St. =	64,2

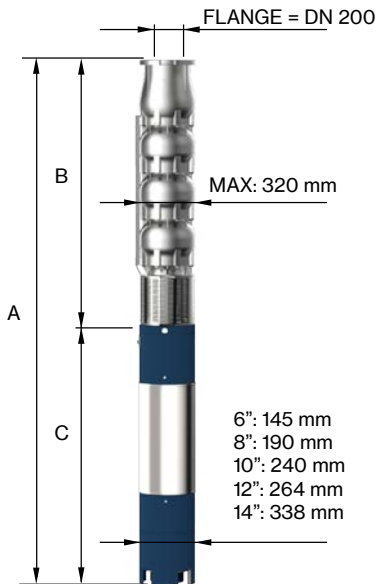
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

"D" Pump shaft in Duplex

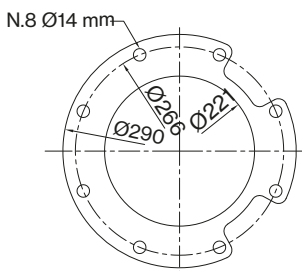
12LM 360



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	1500	4000	4500	5000	5500	6000	6500	7000
	HP	kW			A	l/sec	25,0	66,7	75,0	83,3	91,7	100,0	108,3
						m ³ /h	0	90	240	270	300	330	360
12LM 360/05 DR20 D	340	250	481,0	H[m]	245	240	233	225	218	210	200	188	170
12LM 360/05 DR10 D	400	300	551,0		275	270	253	248	240	233	220	210	200
12LM 360/05 D	450	330	620,0		310	305	273	265	260	258	250	233	210
12LM 360/06 DR10 D	500	370	693,0		330	324	304	298	288	280	264	252	240
12LM 360/06 D	550	400	798,0		372	366	328	318	312	310	300	280	252
12LM 360/07 DR10 D	550	400	798,0		385	378	354	347	336	326	308	294	280



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
12LM 360/05 DR20 D	3970	1690	2280	775	179
12LM 360/05 DR10 D	3970	1690	2280	775	179
12LM 360/05 D	3850	1690	2160	906	179
12LM 360/06 DR10 D	4240	1920	2320	1010	204
12LM 360/06 D	4380	1920	2460	1105	204
12LM 360/07 DR10 D	4610	2150	2460	1105	229

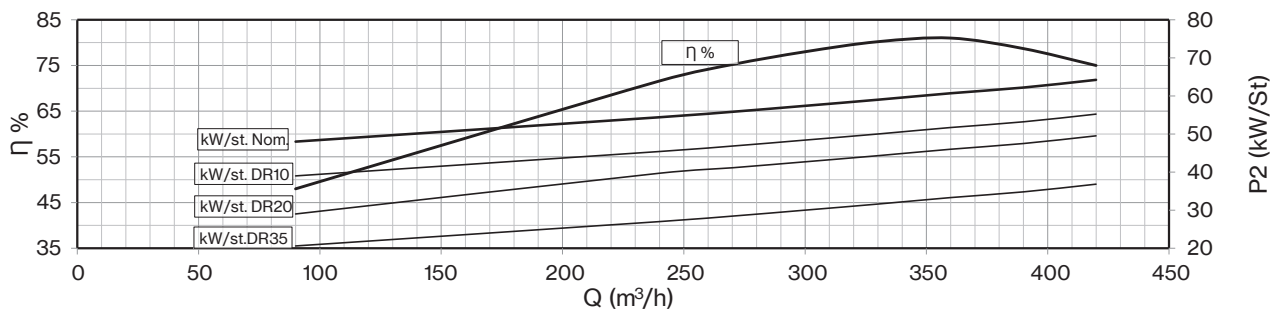
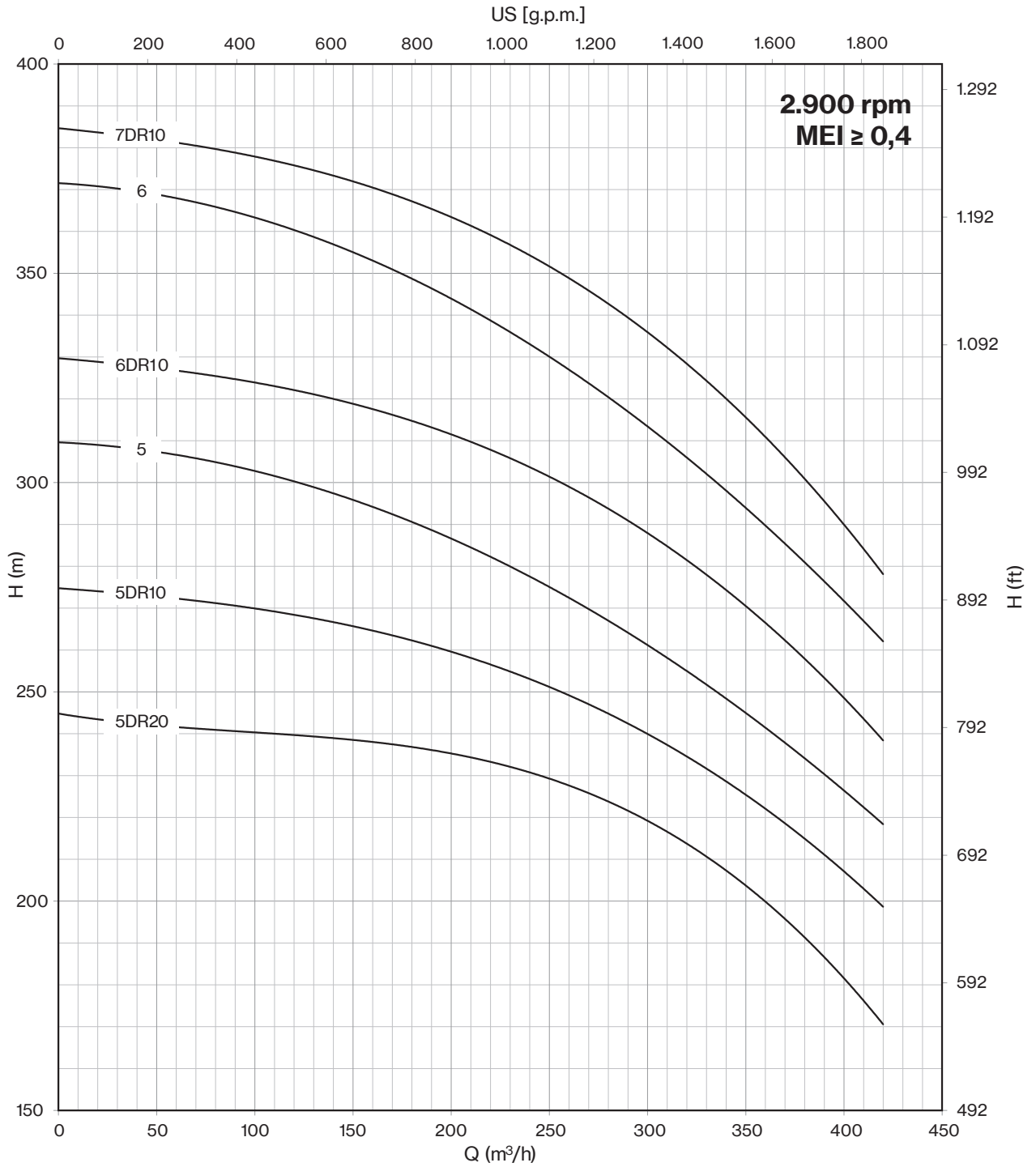


Max Eff. % DR35 =	77,5
Max Eff. % DR20 =	80
Max Eff. % DR10 =	80,5
Max Eff. % =	81
Max kW / St. DR35 =	36,80
Max kW / St. DR20 =	49,5
Max kW / St. DR10 =	55,2
Max kW / St. =	64,2

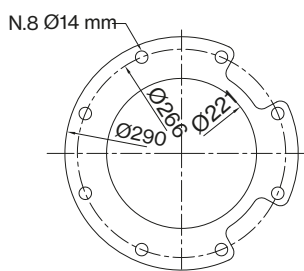
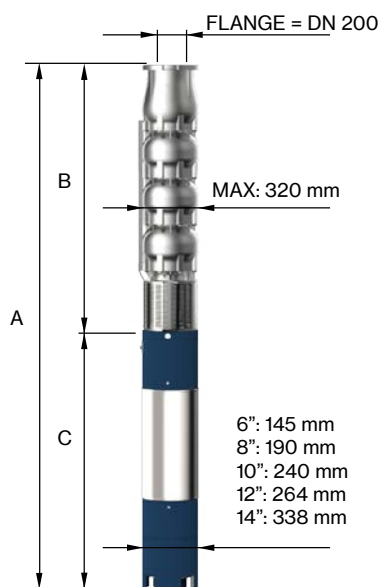
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 219,1 mm

12LM 360



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	2000	6000	6500	7000	7500	8000	8500	9000
	HP	kW			A	l/sec	33,3	100,0	108,3	116,7	125,0	133,3	141,7
						m ³ /h	0	120	360	390	420	450	480
12LM 400/01 DR30	50	37	75,8	H[m]	43	42	32	30	27	24			
12LM 400/01 DR20	75	55	106,2		47	45	37	35	33	30	26	22	
12LM 400/01 DR10	75	55	106,2		53	52	42	40	38	36	32	28	
12LM 400/01	90	66	126,0		58	57	46	44	42	40	37	31	27
12LM 400/02 DR30	100	75	143,2		86	84	64	59	54	48			
12LM 400/02 DR20	125	92	175,1		94	90	73	69	65	59	52	44	
12LM 400/02 DR10 D	150	110	211,0		106	104	84	80	76	71	64	56	
12LM 400/02 D	175	130	245,3		116	114	92	88	84	80	73	62	54
12LM 400/03 DR20 D	200	150	277,2		141	135	110	104	98	89	78	66	
12LM 400/03 DR10 D	225	165	313,3		159	156	126	120	114	107	96	84	
12LM 400/03 D	250	185	342,2		174	171	138	132	126	120	110	93	81



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 219,1 mm

Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
	TYPE	A	B	C	M
12LM 400/01 DR30	2111	770	1341	118	79
12LM 400/01 DR20	2003	770	1233	200	79
12LM 400/01 DR10	2003	770	1233	200	79
12LM 400/01	2072	770	1302	214	79
12LM 400/02 DR30	2383	1000	1383	230	104
12LM 400/02 DR20	2583	1000	1583	270	104
12LM 400/02 DR10 D	2733	1000	1733	300	104
12LM 400/02 D	2634	1000	1634	385	104
12LM 400/03 DR20 D	2964	1230	1734	415	129
12LM 400/03 DR10 D	3084	1230	1854	444	129
12LM 400/03 D	3214	1230	1984	480	129

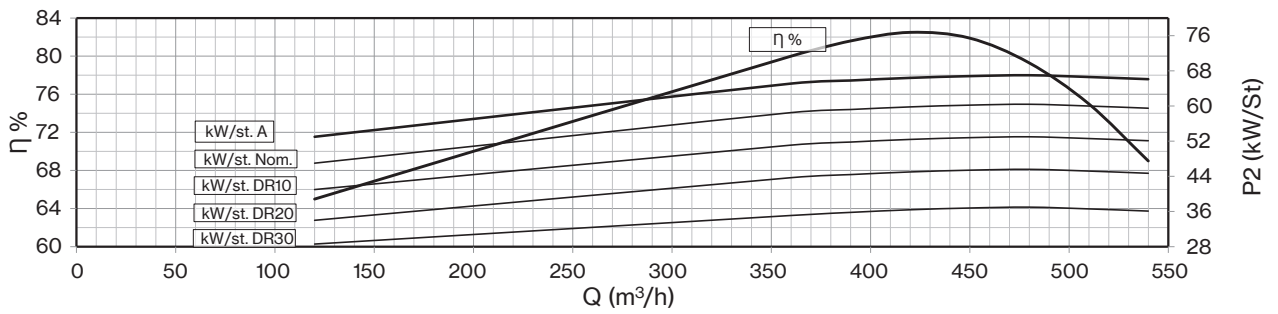
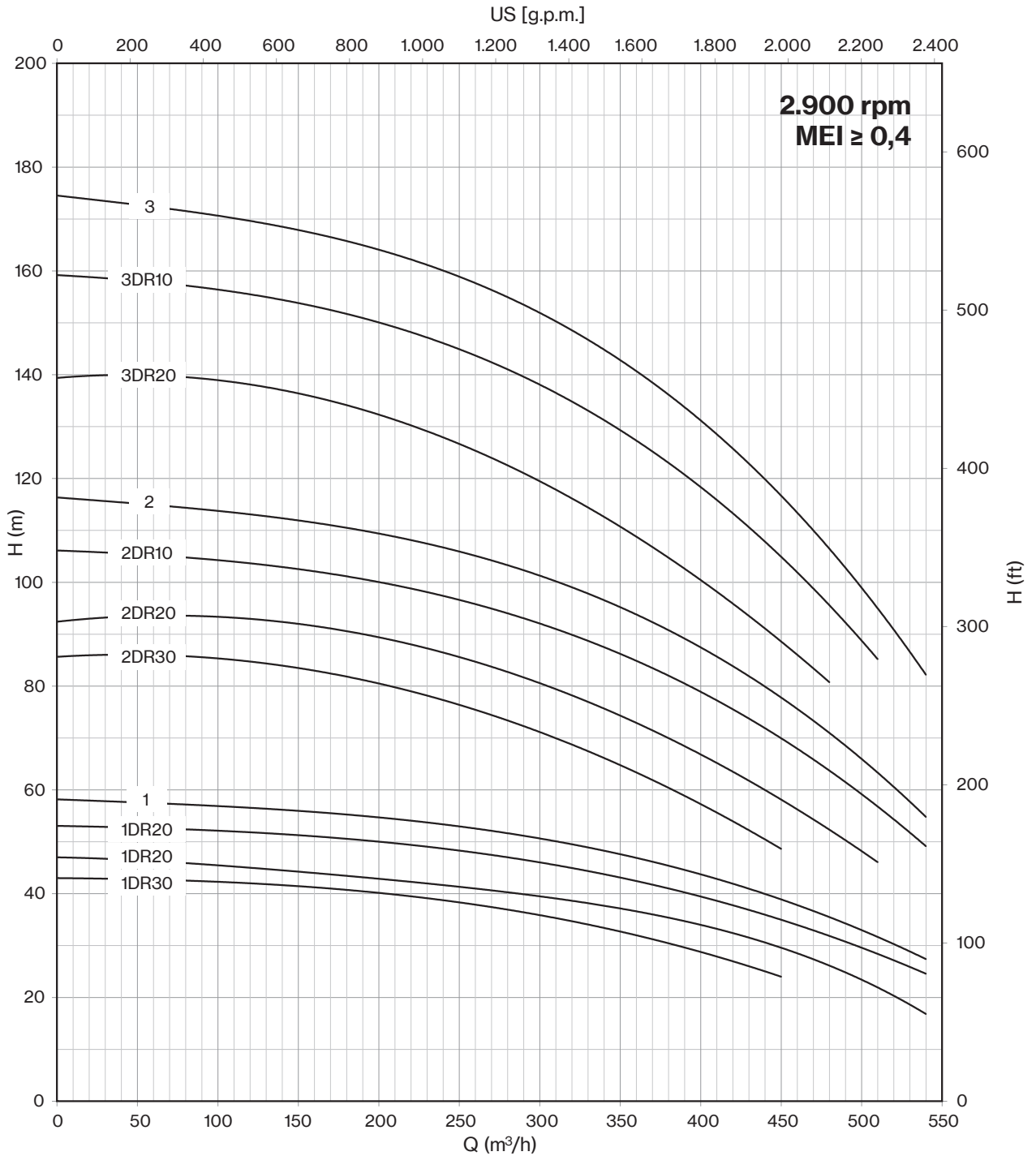
Max Eff. % DR30 =	81,2
Max Eff. % DR20 =	81,8
Max Eff. % DR10 =	82,7
Max Eff. % =	81,6
Max Eff. % A =	82,5
Max kW / St. DR30 =	37
Max kW / St. DR20 =	45,6
Max kW / St. DR10 =	53
Max kW / St. =	60,4
Max kW / St. A =	67

Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

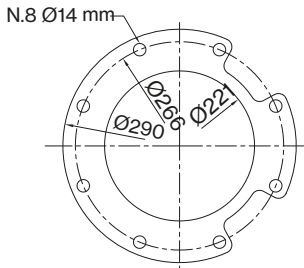
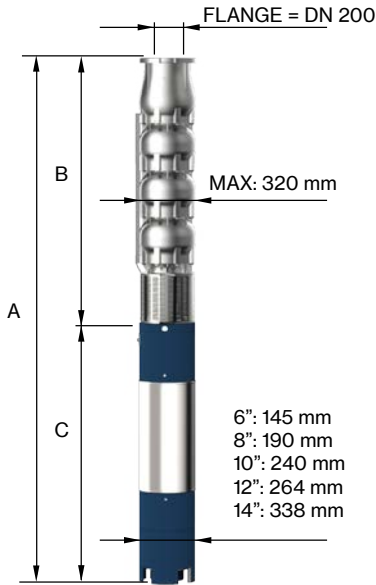
"D" Pump shaft in Duplex



12LM 400



Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	l/min	0	2000	6000	6500	7000	7500	8000	8500	9000
	HP	kW		A	l/sec	0	33,3	100,0	108,3	116,7	125,0	133,3	141,7
			m ³ /h		0	120	360	390	420	450	480	510	540
12LM 400/04 DR20 D	250	185	342,2	H[m]	188	180	146	138	130	118	104	88	
12LM 400/04 DR10 D	300	220	430,0		212	208	168	160	152	142	128	112	
12LM 400/04 D	340	250	481,0		232	228	184	176	168	160	146	124	108
12LM 400/05 DR10 D	400	300	551,0		265	260	210	200	190	178	160	140	
12LM 400/05 D	450	330	620,0		290	285	230	220	210	200	183	155	135
12LM 400/05A D	500	370	693,0		305	300	250	240	230	223	205	195	160
12LM 400/06 D	500	370	693,0		348	342	276	264	252	240	220	186	162



FOR COMMERCIAL TUBE
EXTERNAL DIAMETER: 219,1 mm

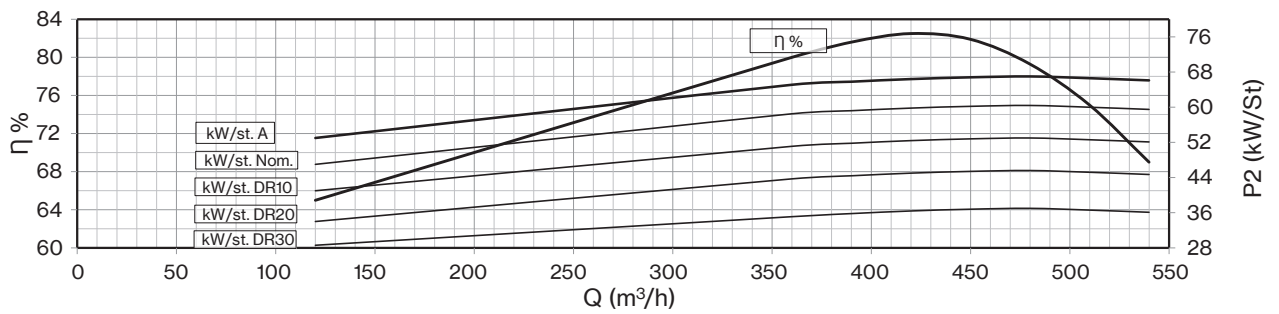
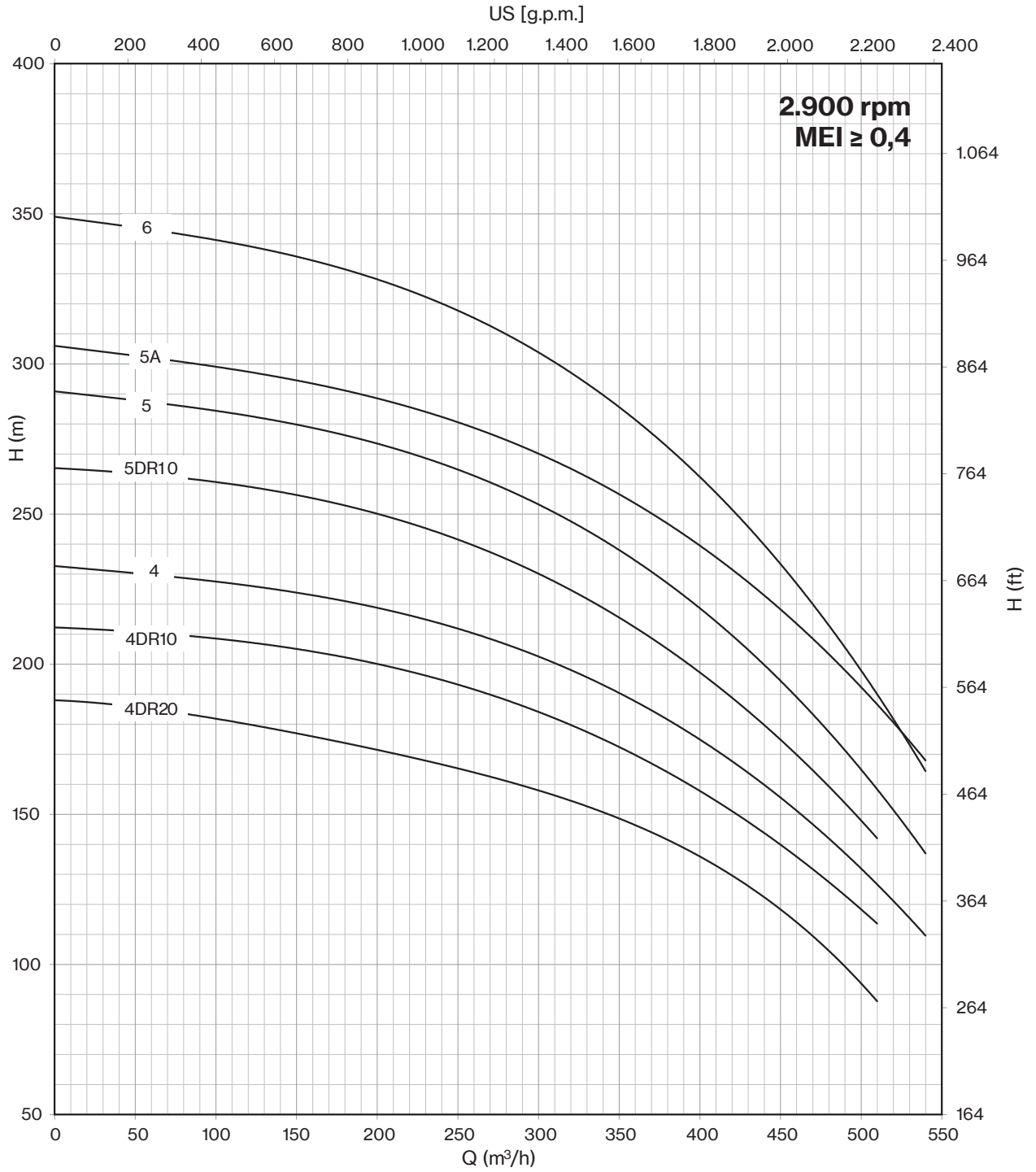
Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
12LM 400/04 DR20 D	3444	1460	1984	480	154
12LM 400/04 DR10 D	3570	1460	2110	700	154
12LM 400/04 D	3740	1460	2280	775	154
12LM 400/05 DR10 D	3970	1690	2280	775	179
12LM 400/05 D	3850	1690	2160	906	179
12LM 400/05A D	4010	1690	2320	1010	179
12LM 400/06 D	4240	1920	2320	1010	204

Max Eff. % DR30 =	81,2
Max Eff. % DR20 =	81,8
Max Eff. % DR10 =	82,7
Max Eff. % =	81,6
Max Eff. % A =	82,5
Max kW / St. DR30 =	37
Max kW / St. DR20 =	45,6
Max kW / St. DR10 =	53
Max kW / St. =	60,4
Max kW / St. A =	67

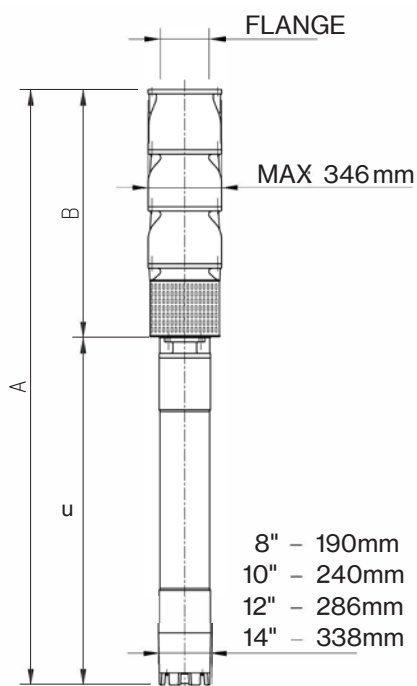
Q (flow)	25%	50%	75%	100%
NPSH (m)	3,4	5	7,8	11,8

"D" Pump shaft in Duplex

12LM 400

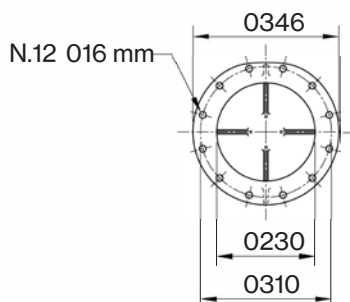


Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	I/min	0	1333	2667	4000	5333	6667	8000	8500	9667
	HP	kW		A	I/sec	0	22,2	44,5	66,7	88,9	111,1	133,3	141,8
			m ³ /h		0	80	160	240	320	400	480	510	580
E 14 A/1 D	90	66	126,0	H[m]	71,8	66,5	62,5	58,7	54,4	49,0	41,6	38,2	
E 14 A/1 C	100	75	143,2		76,8	71,7	67,5	63,8	59,6	54,6	47,9	45,0	39,0
E 14 A/1 B	125	92	175,1		85,1	79,9	75,6	71,8	67,8	63,3	57,7	55,1	48,2
E 14 A/1 A	150	110	211,0		97,1	90,8	85,5	80,4	75,6	70,7	65,4	63,0	57,6
E 14 A/1 Nom.	175	130	245,3		108,6	99,3	92,3	87,0	82,5	78,0	73,0	70,8	64,1
E 14 A/2 D	175	130	245,3		143,5	133,0	125,0	117,4	108,8	98,0	83,2	76,4	
E 14 A/2 C	200	150	277,2		153,6	143,4	135,0	127,6	119,1	109,1	95,8	90,0	78,0
E 14 A/2 B	250	185	342,2		170,2	159,8	151,2	143,6	135,6	126,5	115,4	110,2	96,4
E 14 A/2 A	300	220	430,0		194,3	181,6	171,0	160,8	151,2	141,4	130,8	126,0	115,2
E 14 A/2 Nom.	340	250	481,0		217,3	198,6	184,6	174,0	165,0	156,0	146,0	141,6	128,2



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
E 14 A/1 D	2237	935	1302	214	184
E 14 A/1 C	2318	935	1383	230	184
E 14 A/1 B	2518	935	1583	270	184
E 14 A/1 A	2668	935	1733	300	184
E 14 A/1 Nom.	2569	935	1634	385	184
E 14 A/2 D	2809	1175	1634	385	260
E 14 A/2 C	2909	1175	1734	415	260
E 14 A/2 B	3159	1175	1984	480	260
E 14 A/2 A	3285	1175	2110	700	260
E 14 A/2 Nom.	3455	1175	2280	775	260

Max Eff. % =	82,3
Max KW / St.: D = - D.230mm =	64,9
Max KW / St.: C = - D.238mm =	74,0
Max KW / St.: B = - D.251mm =	90,8
Max KW / St. A = - D.268mm =	109,1
Max KW / St. Nom. - D.276mm =	119,3

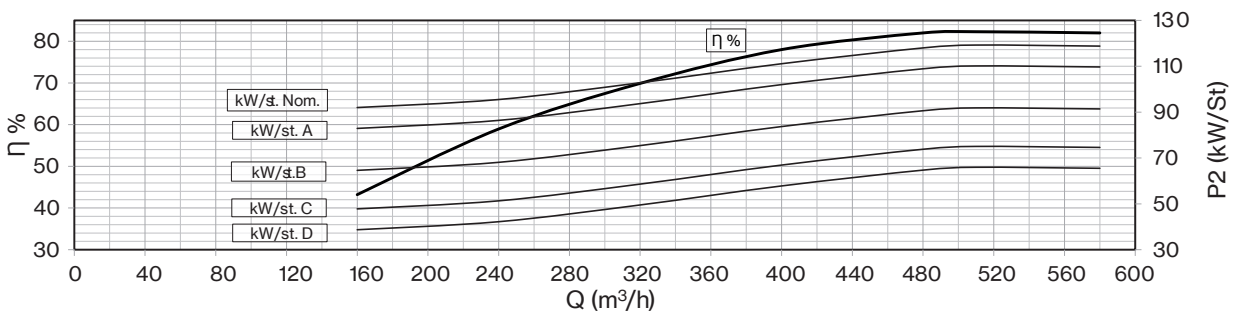
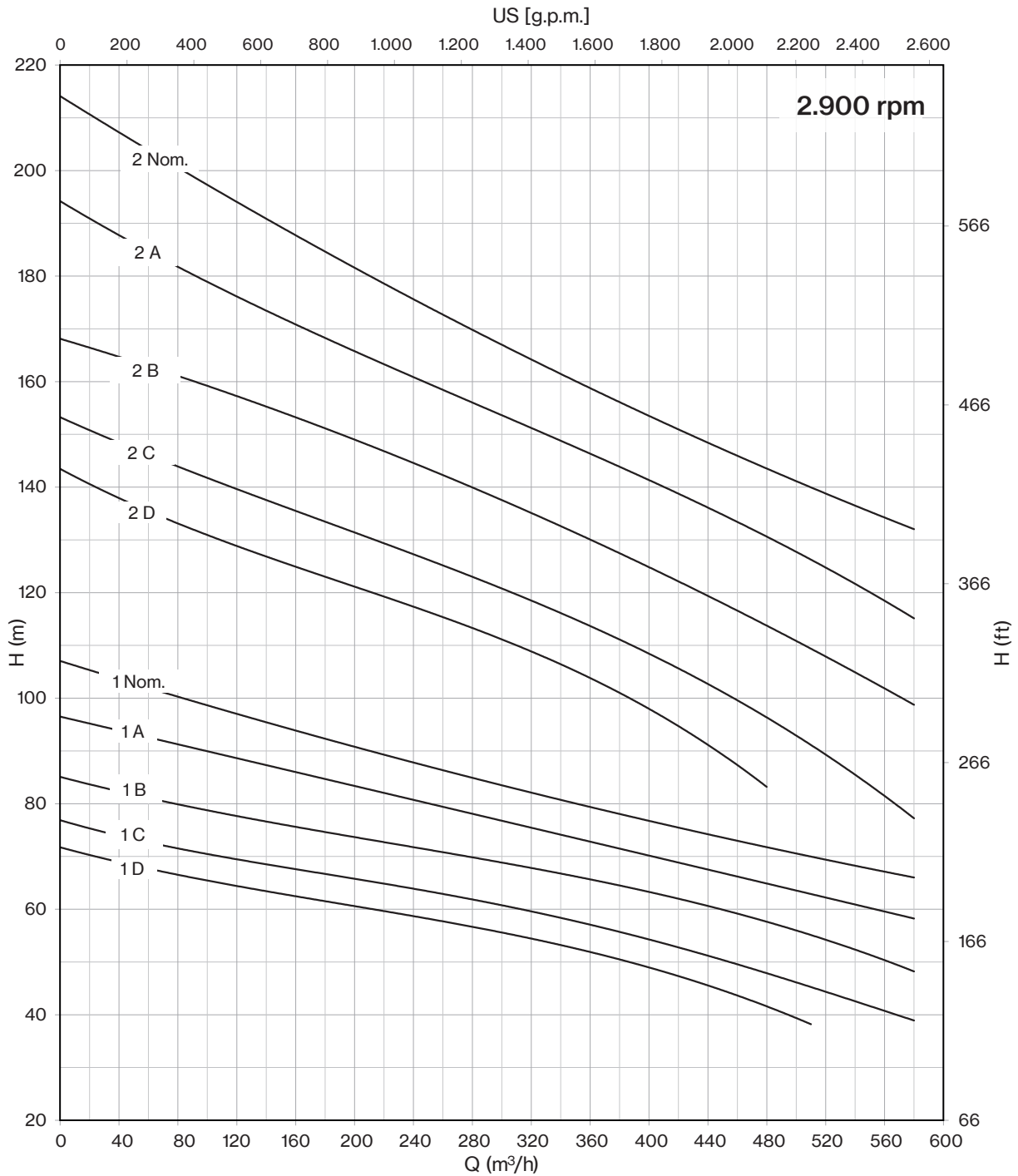


Q (flow)	25%	50%	75%	100%
NPSH (m)	5,8	6,4	9,4	15,3

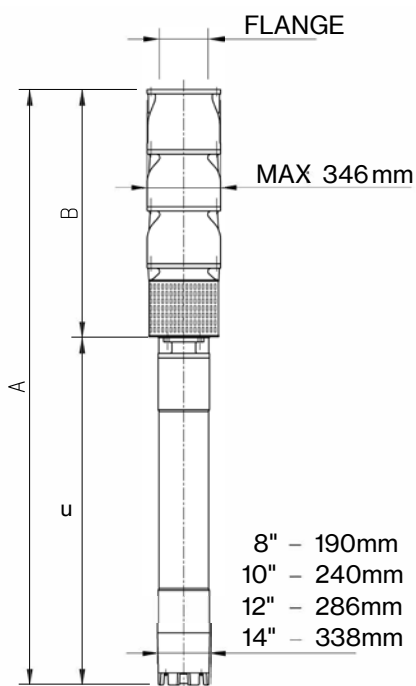
"D" Pump shaft in Duplex



E14 A

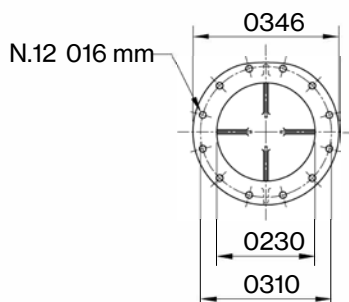


Motor 50 Hz - 2900 rpm				Q									
TYPE	Power		400 V	I/min	0	1333	4000	5333	6667	9000	10000	12500	14333
	HP	kW		A	I/sec	0	22,2	66,7	88,9	111,1	150,0	166,7	208,3
			m ³ /h		0	80	240	320	400	540	600	750	860
E 14 B/1 C	125	92	175,1	H[m]	73,5	72,5	68,0	63,5	57,8	44,0	36,5	14,0	
E 14 B/1 B	150	110	211,0		80,4	79,5	75,0	71,5	66,0	53,5	46,7	26,5	
E 14 B/1 A	175	130	245,3		87,0	84,0	79,0	77,0	73,8	66,0	61,5	45,5	29,0
E 14 B/1 Nom.	200	150	277,2		100,8	97,4	90,4	86,9	82,9	74,2	69,0	53,9	38,4
E 14 B/2 C	250	185	342,2		147,0	145,0	136,0	127,0	115,6	88,0	73,0	28,0	
E 14 B/2 B	300	220	430,0		160,7	159,0	150,0	143,0	132,0	107,0	93,4	53,0	
E 14 B/2 A	400	300	551,0		174,0	168,0	158,0	154,0	147,6	132,0	123,0	91,0	58,0
E 14 B/2 Nom.	400	300	551,0		201,6	194,8	180,8	173,8	165,8	148,4	138,0	107,8	76,8



Motor 50 Hz 2900 rpm	DIMENSIONS (mm)			Weight (kg)	
TYPE	A	B	C	M	P
E 14 B/1 C	2488	905	1583	270	184
E 14 B/1 B	2638	905	1733	300	184
E 14 B/1 A	2539	905	1634	385	184
E 14 B/1 Nom.	2639	905	1734	415	184
E 14 B/2 C	3159	1175	1984	480	260
E 14 B/2 B	3285	1175	2110	700	260
E 14 B/2 A	3455	1175	2280	775	260
E 14 B/2 Nom.	3455	1175	2280	775	260

Max Eff. % =	78,6
Max KW / St.: C - D.240mm =	91,8
Max KW / St.: B - D.250mm =	109,7
Max KW / St. A. - D.259mm =	129,6
Max KW / St. Nom. - D.274mm =	149,6

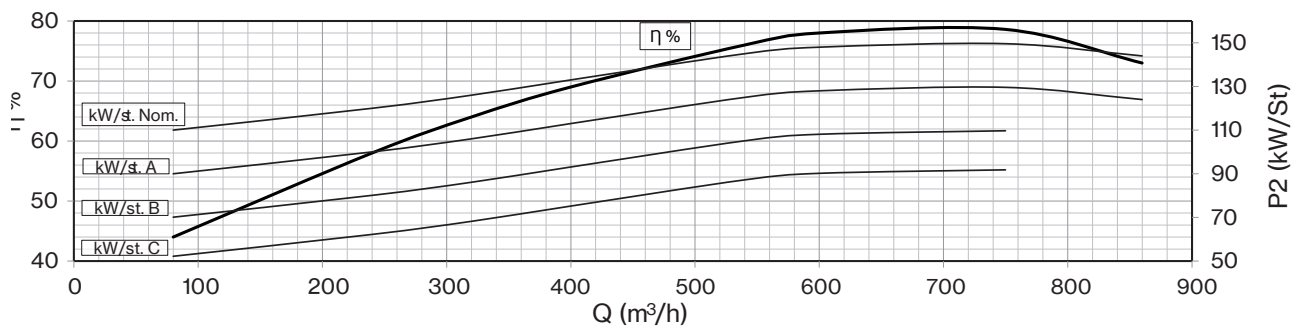
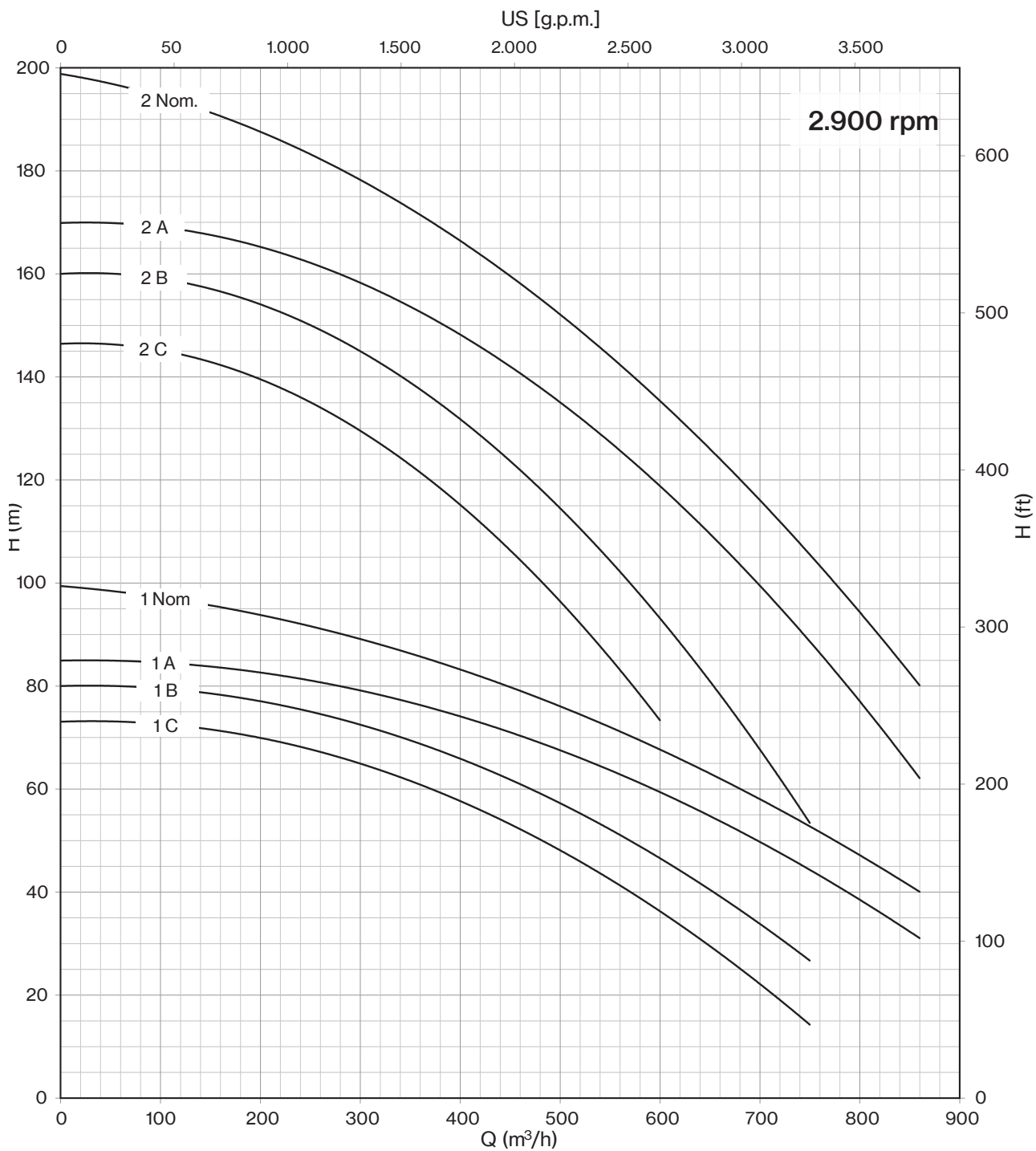


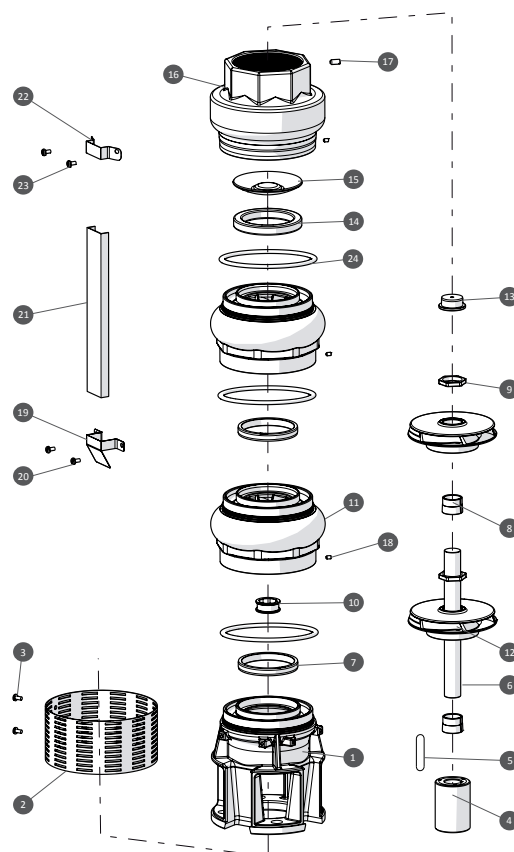
Q (flow)	25%	50%	75%	100%
NPSH (m)	6	6,4	8,6	16,3

"D" Pump shaft in Duplex



E14 B

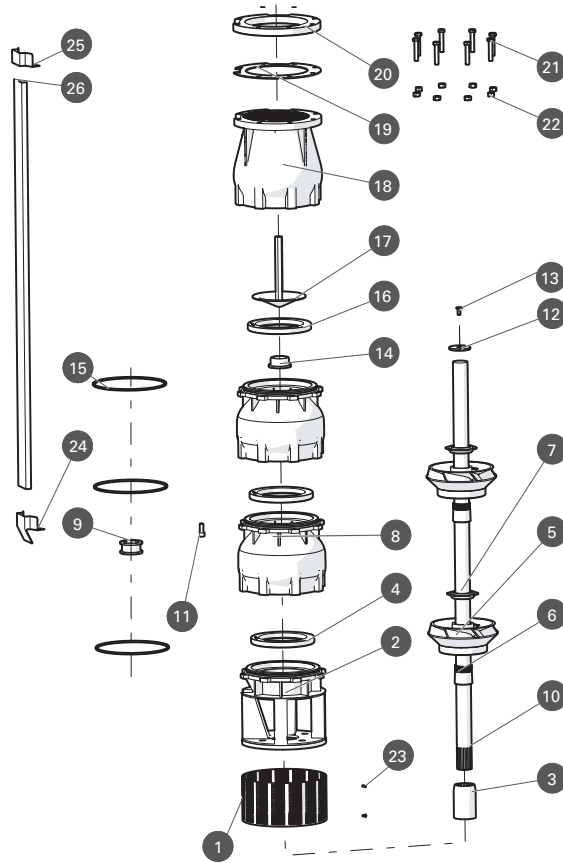




N° CODE	DESCRIPTION	LRS EXECUTION	LRX EXECUTION	LRD EXECUTION	(*) Q.TY
1	Motor bracket	AISI 304	AISI 316	Duplex	-
2	Suction strainer	AISI 304	AISI 316	Duplex	-
3	M4x8 screws for strainer	AISI 304	AISI 316	Duplex	-
4	Coupling	AISI 304	AISI 316	Duplex	1
5	Key	AISI 304	AISI 316	Duplex	1
6	Pump shaft	AISI 304	AISI 316	Duplex	1
7	Impeller wear ring	NBR	NBR	NBR	N° of St.
8	Conic collar	AISI 304	AISI 316	Duplex	N° of St.
9	Conic collar nut	AISI 304	AISI 316	Duplex	N° of St.
10	Diffuser bush bearing	NBR	NBR	NBR	N° of St.
11	Diffuser	AISI 304	AISI 316	Duplex	-
12	Impeller	AISI 304	AISI 316	Duplex	N° of St.
13	Reverse thrust ring	PTFE+25% CARBONE / Graphite	PTFE+25% CARBONE / Graphite	PTFE+25% CARBONE / Graphite	1
14	NRV gasket	NBR	NBR	NBR	1
15	Valve plate	AISI 304	AISI 316	Duplex	-
16	Delivery pump body	AISI 304	AISI 316	Duplex	-
17	Delivery body locking screw	AISI 304	AISI 316	Duplex	1
18	Diffuser locking screw	AISI 304	AISI 316	Duplex	N° of St.
19	Bottom cable guard clamp	AISI 304	AISI 316	Duplex	-
20	Bottom cable guard screws M4x8	AISI 304	AISI 316	Duplex	-
21	Cable guard	AISI 304	AISI 316	Duplex	-
22	Upper cable guard clamp	AISI 304	AISI 316	Duplex	-
23	Upper cable guard screws M4x8	AISI 304	AISI 316	Duplex	-
24	O-Ring	NBR	NBR	NBR	N° of St.

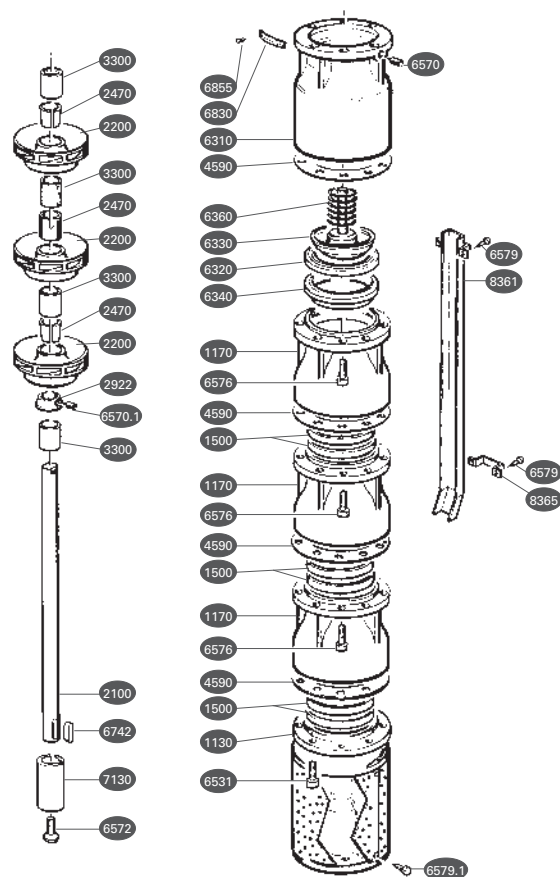
* Recommended spare parts quantity

6LM - 8LM - 10LM - 12LM



N° CODE	DESCRIPTION	LMS EXECUTION	LMX EXECUTION	LMD EXECUTION	(*) Q.TY
1	Suction strainer	AISI 304	AISI 316	Duplex	-
2	Suction cage	AISI 304	AISI 316	Duplex	-
3	Joint	AISI 304	AISI 316	Duplex	1
4	Usury ring	NBR	NBR	NBR	N° of St.
5	Impeller	AISI 304	AISI 316	Duplex	-
6	Cone	AISI 304	AISI 316	Duplex	N° of St.
7	Hexagonal ring	AISI 304	AISI 316	Duplex	N° of St.
8	Diffuseur	AISI 304	AISI 316	Duplex	-
9	Bearing bush	NBR	NBR	NBR	N° of St.
10	Pump shaft	AISI 304	AISI 316	Duplex	1
11	N.8 Screw for diffuseur	AISI 304	AISI 316	Duplex	-
12	Ring	AISI 304	AISI 316	Duplex	1
13	Screw for disk	AISI 304	AISI 316	Duplex	1
14	Counterthrust	PTFE + 25% CARBON	PTFE + 25% CARBON	PTFE + 25% CARBON	1
15	O-Ring	NBR	NBR	NBR	N° of St.
16	Gasket valve	NBR	NBR	NBR	1
17	Cap valve	AISI 304	AISI 316	Duplex	-
18	Body valve	AISI 304	AISI 316	Duplex	-
19	Seal counterflange	NBR	NBR	NBR	1
20	Counterflange	AISI 304	AISI 316	Duplex	-
21	N.8 Screw for counterflange	AISI 304	AISI 316	Duplex	-
22	N.8 Nut for counterflange	AISI 304	AISI 316	Duplex	-
23	N.2 Screw for suction strainer	AISI 304	AISI 316	Duplex	-
24	Lower clamp	AISI 304	AISI 316	Duplex	-
25	Upper clamp	AISI 304	AISI 316	Duplex	-
26	Cover cable	AISI 304	AISI 316	Duplex	-

* Recommended spare parts quantity



N° CODE.	DESCRIPTION	MATERIAL	(*) Q.TY
1130	Support	Cast iron	
1170	Diffuser	Cast iron	
1170.1	Lat Diffuser	Cast iron	
1500	Wear ring	Rubber	1 x stage
2100	Shaft	Stainless steel	
2200	Impeller	Cast iron	1 x stage
2470	Bushing	Steel	1 x stage
2922	Sandguard	Brass	
3300	Bearing	Steel - rubber	1 x stage
4590	Gland	Guarnital	1 x stage
6310	Valve body	Valve body / Cast Iron	
6320	Valve housing	Rubber	
6330	Washer	Stainless steel	
6340	Housing ring	Cast iron	
6360	Spring	Stainless steel	
6531	Strainer	Stainless steel	
6570	Screw	Stainless steel	
6570.1	Screw	Stainless steel	
6572	Screw	Stainless steel	
6576	Screw	Stainless steel	
6579	Screw	Stainless steel	
6579.1	Screw	Stainless steel	
6742	Key	Stainless steel	
6830	Label	Stainless steel	
6855	Pin	Stainless steel	
7130	Joint	Stainless steel	
8361	Sheat	Stainless steel	
8365	Cable guard clamp	Stainless steel	

* Recommended spare parts quantity