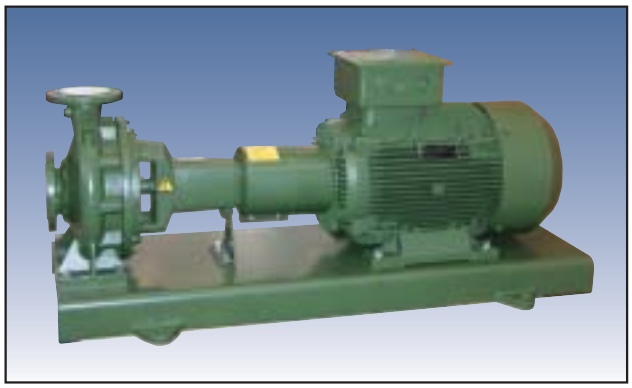
KDN-DIN EN 733

STANDARDISED CENTRIFUGAL PUMPS BARE SHAFT ON BEDPLATE WITH MOTOR AND COUPLING

CE

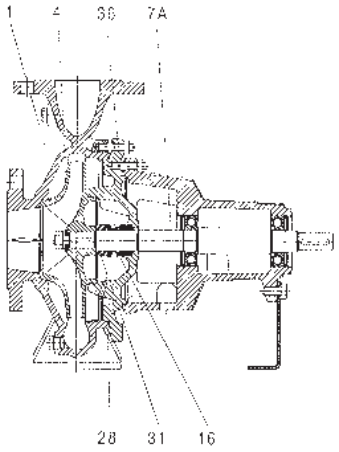


Applications
Enbloc, centrifugal electric pumps with coupling designed for a wide range of applications such as:
- Supplying water.
- The circulation of hot water for central heating.
- The circulation of cold water for air conditioning and refrigerating.
- The transfer of liquids in agriculture, horticulture and industries.
- The implementation of pumping systems.

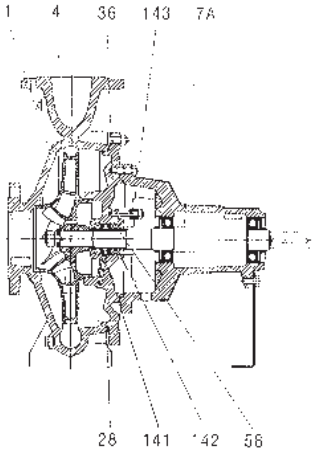
These can be connected to a two or four pole electric motor with a coupling and mounted on a pressed metal bedplate in accordance with UNI EN 23661.
Single-stage, cast iron spiral body made to DIN-EN 733 (formerly DIN 24255), cast iron seal holder cover and motor support, flanges in accordance with DIN 2533 (DIN 2532 for DN 200).
Impeller in cast iron, encased and dynamically balanced with compensation of the axial thrust by means of balancing holes, operating (on request) with interchangeable consumable rings.
Stainless steel pump shaft supported by two large maintenance-free greased ball bearings, housed inside a special chamber of the support. Standard seal: standardised mechanical seal made to DIN 24960 in carbon/carborundum with O' rings in EPDM. Packing on request with hydraulic lubricating ring and stuffing box in two easily removable parts.

Speed of rotation: 1750 - 3500 1/min.
Operating range: from 1 to 500 m3/h with a head of up to 100 metres.
Pumped liquid: clean, without solid or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to water characteristics.
Liquid temperature range: from -10°C to +140°C.
Maximum ambient temperature: +40°C.
Maximum working pressure: 16 bar - 1600 kPa (for DN 200 max. 10 bar).
Flanging: PN 16 DIN 2533 - PN 10 DIN 2532 for DN 200
Installation: normally horizontal.
Special versions on request: pumps for liquids other than water.
Packing (can also be fed externally). Other voltages and/or frequencies.

STANDARD VERSION WITH MECHANICAL SEAL



VERSION ON REQUEST WITH PACKING



STANDARD VERSION WITH MECHANICAL SEAL

N.	PARTS	MATERIALS
1	PUMP BODY	250 UNI ISO 185 CAST IRON
4	IMPELLER	250 UNI ISO 185 CAST IRON
7A	PUMP SHAFT	AISI 420 - UNI 6900/71 STAINLESS STEEL
28	O RING	VITON
36	SEAL HOLDER DISK	250 UNI ISO 185 CAST IRON
16	MECHANICAL SEAL	CARBON / CARBORUNDUM
31	SPACER SEAL	AISI 304 - UNI 6900/71 STAINLESS STEEL

VERSION ON REQUEST WITH PACKING

N.	PARTS	MATERIALS
58	BUSH FOR SEAL	AISI 420 - UNI 6900/71 STAINLESS STEEL
141	HYDRAULIC RING	AISI 304 - UNI 6900/71 STAINLESS STEEL
142	PACKING	PTFE IMPREGNATED RAMIE
143	STUFFUNG BOX	OT Cu 62 Si 1

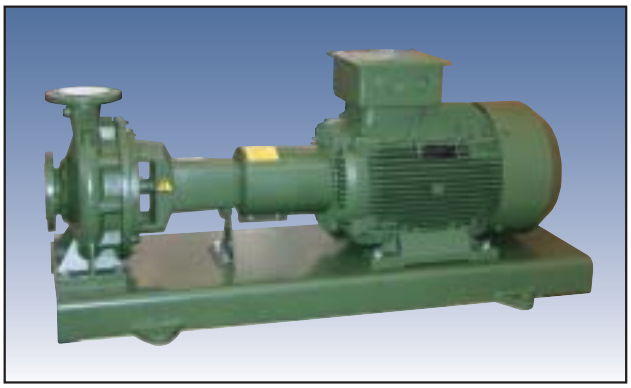
60 Hz

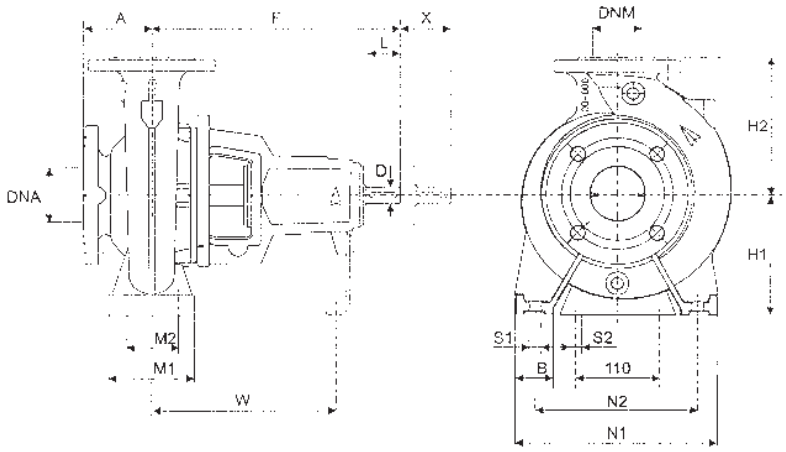
saci pumps

KDN-DIN EN 733

STANDARDISED CENTRIFUGAL PUMPS BARE SHAFT ON BEDPLATE WITH MOTOR AND COUPLING

CE

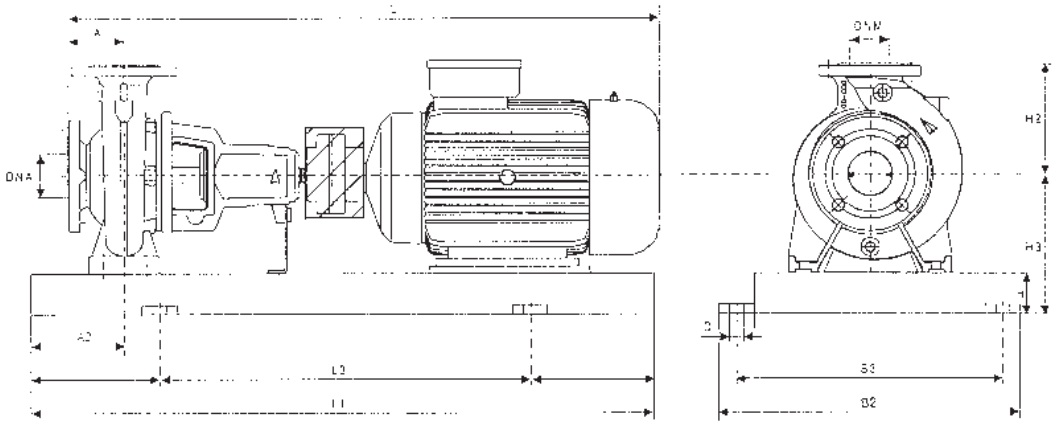




MODEL	Prestaz. max 1750 min⁻¹ Q m³/h	H m	Prestaz. max 3500 min⁻¹ Q m³/h	H m	FLANGE DIM. DNA	DNM	PUMP DIMENSIONS A	F	H1	H2	SUPPORT DIMENSIONS B	M1	M2	N1	N2	W	BOLT HOLES S1	S2	SHAFT END D	L	X	WEIGHT Kg
KDN 32-125.1	10,1	5.6	20,9	22	50	32	80	360	112	140	50	100	70	190	140	260	M12	M12	24	50	100	34
KDN 32-125	13.6	5.8	28	22.8																		34
KDN 32-160.1	9.2	8.6	18.5	34.5					132	160				240	190							37
KDN 32-160	15,9	8,6	31	34																		37
KDN 32-200.1	8	12.2	16.2	48.2					160	180												47
KDN 32-200	17.7	13.2	35.5	52.5																		47
KDN 40-125	21.8	5.6	46	21.5	65	40	80	360	112	140	50	100	70	210	160	260	M12	M12	24	50	100	34
KDN 40-160	25.8	9.2	50	37.2					132	160				240	190							39
KDN 40-200	29	12.6	57	51			100		160	180				265	212							49
KDN 40-250	31	19.1	62	77					180	225	65	125	95	320	250							64
KDN 50-125	41	5.4	83	21.5	65	50	100	360	132	160	50	100	70	240	190	260	M12	M12	24	50	100	34
KDN 50-160	43.3	9.3	87.5	37					160	180				265	212							42
KDN 50-200	41	14	81	56						200												56
KDN 50-250	49	19.1	100	76					180	225	65	125	95	320	250							67
KDN 65-125	57	5.2	114	21	80	65	100	360	160	180	65	125	95	280	212	260	M12	M12	24	50	100	41
KDN 65-160	61	8.6	121	34.5						200												46
KDN 65-200	62	14.8	123	59					180	225				320	250						140	55
KDN 65-250	65.4	20	129	81				470	200	250	80	160	120	360	280	340	M16		32	80		89
KDN 65-315	84	31.5	–	–			125		225	280				400	315							177
KDN 80-160	101	8.1	195	33.5	100	80	125	360	180	225	65	125	95	320	250	260	M12	M12	24	50	140	55
KDN 80-200	101	14.4	200	57.5				470		250				345	280	340			32	80		73
KDN 80-250	103	23	215	88					200	280	80	160	120	400	315		M16					93
KDN 80-315	136	35	–	–					250	315												123
KDN 100-200	163	13.4	315	53	125	100	125	470	200	280	80	160	120	360	280	340	M16	M12	32	80	140	83
KDN 100-250	159	21,8	313	87			140		225					400	315							101
KDN 100-315	187	34.1	–	–					250	315												130
KDN 125-250	289	20.5	–	–	150	125	140	470	250	355	80	160	120	400	315	340	M16	M12	32	80	140	118
KDN 150-200	378	10	–	–	200	150	160	470	280	400	100	200	150	550	450	340	M20	M12	32	80	140	210

60 Hz

Dimensions and electrical data of a complete motor-driven pump



MODEL	Power (kW)		Motor size	Supply voltage 60 Hz	I nom (A)	Flange dimensions (mm)		Unit dimensions (mm)										Standard coupling		Spacer coupling		
	4 poles	2 poles				DNA	DNM	A	A2	H2	H	H3	L1	L3	B2	B3	D	L	Weight Kg	L	Weight Kg	Rif.
KDN 32-125.1	0.37	–	MEC 71	220/277-380/480D	2.08/1.99-1.2/1.15			80	60	140	65	177	800	540	360	320	19	682	81	778	86	2
	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45													718	83	814	88	2
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														84		89	2
	–	1.1	MEC80	220/277-380/480D	4.67/4.15-2.7/2.4														85		90	2
	–	1.5	MEC 90S	220/277-380/480D	6.2/5.36-3.6/3.1													741	86	837	91	3
	–	2.2	MEC 90L	220/277-380/480D	9/7.6-5.2/4.4								900	600	390	350		766	93	862	98	3
	–	3	MEC 100L	380/480D	6.5-5.9													805	100	901	105	3
	–	4	MEC 112M	380/480D	8.8-8														102		107	3
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	212					24	914	134	1010	139	2
KDN 32-125	0.37	–	MEC 71	220/277-380/480D	2.08/1.99-1.2/1.15			80	60	140	65	177	800	540	360	320	19	682	81	778	86	2
	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45													718	83	814	88	2
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														84		89	2
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5														86	837	91	2
	–	1.5	MEC 90S	220/277-380/480D	6.2/5.36-3.6/3.1													789			91	3
	–	2.2	MEC 90L	220/277-380/480D	9/7.6-5.2/4.4								900	600	390	350			93	862	98	3
	–	3	MEC 100L	380/480D	6.5-5.9													826	100	901	105	3
	–	4	MEC 112M	380/480D	8.8-8													846	102		107	2
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	212					24		134	1010	139	2
	–	7.5	MEC 132S	380/480D	15-12.5														137		142	2
KDN 32-160.1	0.37	–	MEC 71	220/277-380/480D	2.08/1.99-1.2/1.15			80	60	160	65	197	800	540	360	320	19	682	83	778	88	2
	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45													718	85	814	90	2
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														86		91	3
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													741	88	837	93	3
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47								900	600	390	350		766	96	862	101	3
	–	2.2	MEC 90L	220/277-380/480D	9/7.6-5.2/4.4														95		100	4
	–	3	MEC 100L	380/480D	6.5-5.9													805	102	901	107	2
	–	4	MEC 112M	380/480D	8.8-8														104		109	2
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	212	1000	660	450	400	24	914	136	1010	141	2
	–	7.5	MEC 132S	380/480D	15-12.5														139		144	2
	–	11	MEC 160M	380/480D	22-18.3							240	1120	740	490	440		1014	163	1110	168	3

60 Hz

Dimensions and electrical data of a complete motor-driven pump

MODEL	Power (kW)		Motor size	Supply voltage 60 Hz	I nom (A)	Flange dimensions (mm)		Unit dimensions (mm)										Standard coupling		Spacer coupling		
	4 poles	2 poles				DNA	DNM	A	A2	H2	H	H3	L1	L3	B2	B3	D	L	Weight Kg	L	Weight Kg	Rif.
KDN 32-160	0.37	–	MEC 71	220/277-380/480D	2.08/1.99-1.2/1.15			80	60	160	65	197	800	540	360	320	19	682	83	778	88	2
	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45													718	85	814	90	2
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														86		91	2
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													741	88	837	93	2
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47													766	96	862	101	3
	–	3	MEC 100L	380/480D	6.5-5.9													805	102	901	107	3
	–	4	MEC 112M	380/480D	8.8-8														104		109	3
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	212	1000	660	450	400	24	914	136	1010	141	4
	–	7.5	MEC 132S	380/480D	15-12.5														139		144	4
	–	11	MEC 160M	380/480D	22-18.3							240	1120	740	490	440		1014	163	1110	168	2
	–	15	MEC 160M	380/480D	29-24.7														173		178	2
KDN 32-200.1	0.75	–	MEC 71	220/277-380/480D	2.08/1.99-1.2/1.15			80	60	180	65	225	800	540	360	320	19	682	87	778	92	2
	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45													718	89	814	94	2
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														90		95	3
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													741	92	837	97	3
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47								900	600	390	350		766	100	862	105	3
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													805	104	901	109	3
	–	3	MEC 100L	380/480D	6.5-5.9														106		111	4
	–	4	MEC 112M	380/480D	8.8-8														108		113	4
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	240	1000	660	450	400	24	914	140	1010	145	5
	–	7.5	MEC 132S	380/480D	15-12.5														143		148	5
	–	11	MEC 160M	380/480D	22-18.3								1120	740	490	440		1014	167	1110	172	2
	–	15	MEC 160M	380/480D	29-24.7														177		182	2
KDN 32-200	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45			80	60	180	65	225	800	540	360	320	19	718	89	814	94	2
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														90		95	2
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													741	92	837	97	2
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47													766	100	862	105	3
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													805	104	901	109	3
	3	4	MEC 100L	380/480D	6.8-5.85														107		112	3
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	240	1000	660	450	400	24	914	140	1010	145	4
	–	7.5	MEC 132S	380/480D	15-12.5														143		148	4
	–	11	MEC 160M	380/480D	22-18.3								1120	740	490	440		1014	167	1110	172	2
	–	15	MEC 160M	380/480D	29-24.7														177		182	2
	–	18.5	MEC 160L	380/480D	35-29.1													1094	199	1190	204	2
	–	22	MEC 180M	380/480D	42-35							260						1134	219	1230	224	2
KDN 40-125	0.37	–	MEC 71	220/277-380/480D	2.08/1.99-1.2/1.15			80	60	140	65	177	800	540	360	320	19	682	81	778	86	3
	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45													718	83	814	88	3
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.195														84		89	3
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													741	86	837	91	4
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47								900	600	390	350		766	94	862	99	4
	–	3	MEC 100L	380/480D	6.5-5.9													805	100	901	105	5
	–	4	MEC 112M	380/480D	8.8-8														102		107	5
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	212	1000	660	450	400	24	914	134	1010	139	3
	–	7.5	MEC 132S	380/480D	15-12.5														137		142	3
	–	11	MEC 160M	380/480D	22-18.3							240	1120	740	490	440		1014	161	1110	166	3

60 Hz

Dimensions and electrical data of a complete motor-driven pump

MODEL	Power (kW)		Motor size	Supply voltage 60 Hz	I nom (A)	Flange dimensions (mm)		Unit dimensions (mm)										Standard coupling		Spacer coupling		
	4 poles	2 poles				DNA	DNM	A	A2	H2	H	H3	L1	L3	B2	B3	D	L	Weight Kg	L	Weight Kg	Rif.
KDN 40-160	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45			80	60	160	65	197	800	540	360	320	19	718	85	814	90	4
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														86		91	4
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													741	88	837	93	4
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47								900	600	390	350		766	96	862	101	4
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													805	100	901	105	6
	3	–	MEC 100L	380/480D	6.8-5.85														103		108	6
	–	4	MEC 112M	380/480D	8.8-8														104		109	6
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	212	1000	660	450	400	24	914	136	1010	141	6
	–	7.5	MEC 132S	380/480D	15-12.5														139		144	7
	–	11	MEC 160M	380/480D	22-18.3							240	1120	740	490	440		1014	163	1110	168	2
	–	15	MEC 160M	380/480D	29-24.7														173		178	2
	–	18.5	MEC 160L	380/480D	35-29.1													1094	195	1190	200	2
KDN 40-200	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95			100	60	180	65	225	900	600	390	350	19	738	99	834	104	2
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													761	101	857	106	3
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47													786	104	882	109	3
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													825	108	921	113	3
	3	–	MEC 100L	380/480D	6.8-5.85														111		116	4
	4	–	MEC 112M	380/480D	9-7.7														115		120	4
	–	7.5	MEC 132S	380/480D	15-12.5						80	240	1000	660	450	400	24	934	147	1030	152	5
	–	11	MEC 160M	380/480D	22-18.3								1120	740	490	440		1034	979	171	176	3
	–	15	MEC 160M	380/480D	29-24.7														181	1130	186	3
	–	18.5	MEC 160L	380/480D	35-29.1													1114	203	1210	208	3
	–	22	MEC 180M	380/480D	42-35							260	1250	840	540	490		1154	246	1250	251	3
	–	30	MEC 200L	380/480D	56-46.5						100	300	1400	940	610	550	28	1214	297	1310	302	3
KDN 40-250	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5			100	75	225	80	260	1000	660	450	400	24	825	129	921	134	3
	3	–	MEC 100L	380/480D	6.8-5.85														132		137	3
	4	–	MEC 112M	380/480D	9-7.7														136		141	4
	5.5	–	MEC 132S	380/480D	11.8-10.5								1120	740	490	440		934	161	1030	166	4
	7.5	–	MEC 132M	380/480D	16-14													960	169	1056	174	5
	–	18.5	MEC 160L	380/480D	35-29.1								1250	840	540	490		1114	231	1210	236	5
	–	22	MEC 180M	380/480D	42-35													1154	251	1250	256	5
	–	30	MEC 200L	380/480D	56-46.5						100	300	1400	940	610	550	28	1214	302	1310	307	3
	–	37	MEC 200L	380/480D	68.5-57														322		327	3
KDN 50-125	0.55	–	MEC 80	220/277-380/480D	2.76/2.5-1.6/1.45			100	60	160	65	197	800	540	360	320	19	738	90	834	95	3
	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95														91		96	3
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													761	93	857	98	3
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47								900	600	390	350		786	101	882	106	3
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													825	105	921	110	4
	–	7.5	MEC 112M	380/480D	8.8-8														109		114	5
	–	11	MEC 132S	380/480D	11.2-9.36						80	212	1000	660	450	400	24	934	141	1030	146	5
	–	15	MEC 132S	380/480D	15-12.5														144		149	5
	–	18.5	MEC 160M	380/480D	22-18.3							240	1120	740	490	440		1034	168	1130	173	5
	–	22	MEC 160M	380/480D	29-24.7														178		183	6
KDN 50-160	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95			100	60	180	65	225	900	600	390	350	19	738	98	834	103	4
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													761	100	857	105	4
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47													786	103	882	108	4
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													825	107	921	112	5
	3	–	MEC 100L	380/480D	6.8-5.85														110		115	6
	4	–	MEC 112M	380/480D	9-7.7														114		119	6
	–	7.5	MEC 132S	380/480D	15-12.5						80	240	1000	660	450	400	24	934	146	1030	151	6
	–	11	MEC 160M	380/480D	22-18.3								1120	740	490	440		1034	170	1130	175	7
	–	15	MEC 160M	380/480D	29-24.7														180		185	7
	–	18.5	MEC 160L	380/480D	35-29.1													1114	202	1210	207	7
	–	22	MEC 180M	380/480D	42-35							260						1154	222	1250	227	7

60 Hz

Dimensions and electrical data of a complete motor-driven pump

MODEL	Power (kW)		Motor size	Supply voltage 60 Hz	I nom (A)	Flange dimensions (mm)		Unit dimensions (mm)										Standard coupling		Spacer coupling		
	4 poles	2 poles				DNA	DNM	A	A2	H2	H	H3	L1	L3	B2	B3	D	L	Weight Kg	L	Weight Kg	Rif.
KDN 50-200	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47			100	60	200	65	225	900	600	390	350	19	786	109	882	114	3
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													825	113	921	118	3
	3	–	MEC 100L	380/480D	6.8-5.85														116		121	3
	4	–	MEC 112M	380/480D	9-7.7														120		125	3
	5.5	–	MEC 132S	380/480D	11.8-10.5						80	240	1000	660	450	400	24	934	153	1030	158	3
	7.5	–	MEC 132M	380/480D	16-14													960	161	1056	166	3
	–	11	MEC 160M	380/480D	22-18.3								1120	740	490	440		1034	176	1130	181	3
	–	15	MEC 160M	380/480D	29-24.7														186		191	4
	–	18.5	MEC 160L	380/480D	35-29.1													1114	208	1210	213	4
	–	22	MEC 180M	380/480D	42-35							260						1154	228	1250	233	5
	–	30	MEC 200L	380/480D	56-46.5							280	1250	840	540	490		1214	283	1310	288	5
	–	37	MEC 200L	380/480D	68.5-57														303		308	3
	–	45	MEC 225M	380/480D	84-69						100	325	1400	940	610	550	28	1264	370	1360	375	3
KDN 50-250	3	–	MEC 100L	380/480D	6.8-5.85			100	75	225	80	260	1000	660	450	400	24	825	136	921	141	3
	4	–	MEC 112M	380/480D	9-7.7														140		145	3
	5.5	–	MEC 132S	380/480D	11.8-10.5								1120	740	490	440		934	165	1030	170	3
	7.5	–	MEC 132M	380/480D	16-14													960	173	1056	178	4
	11	–	MEC 160M	380/480D	22-19.5								1250	840	540	490		1034	215	1130	220	4
	–	30	MEC 200L	380/480D	56-46.5						100	300	1400	940	610	550	28	1214	306	1310	311	5
	–	37	MEC 200L	380/480D	68.5-57														326		331	5
	–	45	MEC 225M	380/480D	84-69							325						1264	374	1360	379	5
	–	55	MEC 250M	380/480D	102-83							350						1369	444	1465	449	5
KDN 65-125	0.75	–	MEC 80	220/277-380/480D	3.54/3.37-2.05/1.95			100	60	180	65	225	900	600	390	350	19	738	98	834	103	4
	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5													761	100	857	105	4
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47													786	103	882	108	5
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													825	107	921	112	5
	3	–	MEC 100L	380/480D	6.8-5.85														110		115	5
	–	5.5	MEC 132S	380/480D	11.2-9.36						80	240	1000	660	450	400	24	934	143	1030	148	5
	–	7.5	MEC 132S	380/480D	15-12.5														146		151	6
	–	11	MEC 160M	380/480D	22-18.3								1120	740	490	440		1034	170	1130	175	6
	–	15	MEC 160M	380/480D	29-24.7														180		185	6
	–	18.5	MEC 160L	380/480D	35-29.1													1114	202	1210	207	6
	–	22	MEC 180M	380/480D	42-35							260						1154	222	1250	227	7
KDN 65-160	1.1	–	MEC 90S	220/277-380/480D	4.7/4.32-2.7/2.5			100	60	200	65	225	900	600	390	350	19	761	103	857	108	7
	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47													786	106	882	111	5
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													825	110	921	115	5
	3	–	MEC 100L	380/480D	6.8-5.85														113		118	5
	4	–	MEC 112M	380/480D	9-7.7														117		122	5
	5.5	–	MEC 132S	380/480D	11.8-10.5						80	240	1000	660	450	400	24	934	150	1030	155	6
	–	7.5	MEC 132S	380/480D	15-12.5														149		154	6
	–	11	MEC 160M	380/480D	22-18.3								1120	740	490	440		1034	173	1130	178	7
	–	15	MEC 160M	380/480D	29-24.7														183		188	7
	–	18.5	MEC 160L	380/480D	35-29.1													1114	205	1210	210	7
	–	22	MEC 180M	380/480D	42-35							260						1154	225	1250	230	8
	–	30	MEC 200L	380/480D	56-46.5							280	1250	840	540	490		1214	280	1310	285	6
	–	37	MEC 200L	380/480D	68.5-57														300		305	6

60 Hz

Dimensions and electrical data of a complete motor-driven pump

MODEL	Power (kW)		Motor size	Supply voltage 60 Hz	I nom (A)	Flange dimensions (mm)		Unit dimensions (mm)										Standard coupling		Spacer coupling		
	4 poles	2 poles				DNA	DNM	A	A2	H2	H	H3	L1	L3	B2	B3	D	L	Weight Kg	L	Weight Kg	Rif.
KDN 65-200	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5			100	75	225	80	260	1120	740	490	440	24	825	147	961	152	4
	3	–	MEC 100L	380/480D	6.8-5.85														150		155	4
	4	–	MEC 112M	380/480D	9-7.7														154		159	4
	5.5	–	MEC 132S	380/480D	11.8-10.5													934	171	1070	176	4
	7.5	–	MEC 132M	380/480D	16-14													960	179	1096	184	4
	11	–	MEC 160M	380/480D	22-19.5								1250	840	540	490		1034	221	1170	226	5
	–	18.5	MEC 160L	380/480D	35-29.1													1114	241	1250	246	5
	–	22	MEC 180M	380/480D	42-35													1154	261	1290	266	6
	–	30	MEC 200L	380/480D	56-46.5						100	300	1400	940	610	550	28	1214	312	1350	317	6
	–	37	MEC 200L	380/480D	68.5-57														332		337	6
	–	45	MEC 225M	380/480D	84-69							325						1264	380	1400	385	6
	–	55	MEC 250M	380/480D	102-83							350	1600	1060	660	600		1369	476	1505	481	7
	–	75	MEC 280S	380/480D	136-110													1494	568	1630	573	7
KDN 65-250	4	–	MEC 112M	380/480D	9-7.7			100	90	250	80	280	1120	740	490	440	24	935	181	1071	186	5
	5.5	–	MEC 132S	380/480D	11.8-10.5													1044	198	1180	203	5
	7.5	–	MEC 132M	380/480D	16-14													1070	206	1206	211	5
	11	–	MEC 160M	380/480D	22-19.5								1250	840	540	490		1144	248	1280	253	5
	15	–	MEC 160L	380/480D	30.5-26.6													1224	267	1360	272	5
	–	37	MEC 200L	380/480D	68.5-57						100	300	1400	940	610	550	28	1324	359	1460	364	5
	–	45	MEC 225M	380/480D	84-69							325						1374	407	1510	412	6
	–	55	MEC 250M	380/480D	102-83							350	1600	1060	660	600		1479	503	1615	508	6
	–	75	MEC 280S	380/480D	136-110							380						1604	595	1740	600	6
KDN 65-315	7.5	–	MEC 132M	380/480D	16-14			125	90	280	80	305	1250	840	540	490	24	1095	244	1231	249	7
	11	–	MEC 160M	380/480D	22-19.5													1249	263	1385	268	7
	15	–	MEC 160L	380/480D	30.5-26.6						100	325	1400	940	610	550	28		301		306	7
	18.5	–	MEC 180M	380/480D	36.5-31.8													1289	322	1425	327	8
	22	–	MEC 180L	380/480D	43.4-37.5														331		336	9
	30	–	MEC 200L	380/480D	57-48.3													1349	367	1485	372	6
KDN 80-160	1.5	–	MEC 90L	220/277-380/480D	6.4/6-3.7/3.47			125	75	225	80	260	1000	660	450	400	24	811	127	947	132	6
	2.2	–	MEC 100L	220/277-380/480D	9/7.8-5.2/4.5													850	131	986	136	6
	3	–	MEC 100L	380/480D	6.8-5.85														134		139	6
	4	–	MEC 112M	380/480D	9-7.7														138		143	6
	5.5	–	MEC 132S	380/480D	11.8-10.5								1120	740	490	440		959	163	1095	168	7
	7.5	–	MEC 132M	380/480D	16-14													985	171	1121	176	7
	–	15	MEC 160M	380/480D	29-24.7								1250	840	540	490		1059	211	1195	216	8
	–	18.5	MEC 160L	380/480D	35-29.1													1139	233	1275	238	9
	–	22	MEC 180M	380/480D	42-35													1179	253	1315	258	9
	–	30	MEC 200L	380/480D	56-46.5						100	300	1400	940	610	550	28	1239	304	1375	309	6
KDN 80-200	3	–	MEC 100L	380/480D	6.8-5.85			125	75	250	80	260	1120	740	490	440	24	960	168	1096	173	6
	4	–	MEC 112M	380/480D	9-7.7														172		177	7
	5.5	–	MEC 132S	380/480D	11.8-10.5													1069	189	1205	194	7
	7.5	–	MEC 132M	380/480D	16-14													1095	197	1231	202	7
	11	–	MEC 160M	380/480D	22-19.5								1250	840	540	490		1169	239	1305	244	7
	15	–	MEC 160L	380/480D	30.5-26.6													1249	258	1385	263	7
	–	30	MEC 200L	380/480D	56-46.5						100	300	1400	940	610	550	28	1349	330	1485	335	7
	–	37	MEC 200L	380/480D	68.5-57														350		355	7
	–	45	MEC 200L	380/480D	84-69							325						1399	398	1535	403	7
	–	55	MEC 225M	380/480D	102-83							350	1600	1060	660	600		1504	494	1640	499	7
	–	75	MEC 250M	380/480D	136-110							380	1800	1200	730	670		1629	609	1765	614	7
	–	90	MEC 280M	380/480D	163-132														644		649	7
	–	110	MEC 315S	380/480D	195-159						120	435	2000	1340	910	830		1649	765	1785	770	7

60 Hz

Dimensions and electrical data of a complete motor-driven pump

MODEL	Power (kW)		Motor size	Supply voltage 60 Hz	I nom (A)	Flange dimensions (mm)		Unit dimensions (mm)										Standard coupling		Spacer coupling		
	4 poles	2 poles				DNA	DNM	A	A2	H2	H	H3	L1	L3	B2	B3	D	L	Weight Kg	L	Weight Kg	Rif.
KDN 80-250	7.5	–	MEC 132M	380/480D	16-14			125	90	280	80	280	1250	840	540	490	24	1095	239	1231	244	5
	11	–	MEC 160M	380/480D	22-19.5													1169	258	1305	263	5
	15	–	MEC 160L	380/480D	30.5-26.6													1249	277	1385	282	5
	18.5	–	MEC 180M	380/480D	36.5-31.8													1289	298	1425	303	5
	22	–	MEC 180L	380/480D	43.4-37.5						100	300	1400	940	610	550	28		326		331	6
	–	55	MEC 250M	380/480D	102-83							350	1600	1060	660	600		1504	513	1640	518	6
	–	75	MEC 280S	380/480D	136-110							380	1800	1200	730	670		1629	628	1765	633	7
	–	90	MEC 280M	380/480D	163-132														663		668	7
	–	110	MEC 315S	380/480D	195-159							435	2000	1340	910	830		1649	784	1785	789	7
KDN 80-315	15	–	MEC 160L	380/480D	30.5-26.6			125	90	315	100	350	1400	940	610	550	28	1249	313	1385	318	8
	18.5	–	MEC 180M	380/480D	36.5-31.8													1289	334	1425	339	9
	22	–	MEC 180L	380/480D	43.4-37.5														343		348	9
	30	–	MEC 200L	380/480D	57-48.3													1349	379	1485	384	6
	37	–	MEC 225S	380/480D	70-60								1600	1060	660	600		1429	452	1565	457	6
	45	–	MEC 225M	380/480D	85-72.5													1399	485	1535	490	6
KDN 100-200	5.5	–	MEC 132S	380/480D	11.8-10.5			125	90	280	80	280	1120	740	490	440	24	1069	201	1205	206	7
	7.5	–	MEC 132M	380/480D	16-14													1095	209	1231	214	7
	11	–	MEC 160M	380/480D	22-19.5								1250	840	540	490		1169	251	1305	256	8
	15	–	MEC 160L	380/480D	30.5-26.6													1249	270	1385	275	8
	18.5	–	MEC 180M	380/480D	36.5-31.8													1289	291	1425	296	9
	–	45	MEC 225M	380/480D	84-69						100	325	1400	940	610	550	28	1399	410	1535	415	9
	–	55	MEC 250M	380/480D	102-83							350	1600	1060	660	600		1504	506	1640	511	9
	–	75	MEC 280S	380/480D	136-110							380	1800	1200	730	670		1629	621	1765	626	6
	–	90	MEC 280M	380/480D	163-132														656		661	7
KDN 100-250	11	–	MEC 160M	380/480D	22-19.5			140	90	280	80	305	1250	840	540	490	24	1184	265	1320	270	7
	15	–	MEC 160L	380/480D	30.5-26.6						100	325	1400	940	610	550	28		303		308	7
	18.5	–	MEC 180M	380/480D	36.5-31.8													1304	324	1440	329	7
	22	–	MEC 180L	380/480D	43.4-37.5														333		338	7
	30	–	MEC 200L	380/480D	57-48.3													1364	369	1500	374	6
	37	–	MEC 225S	380/480D	70-60													1444	416	1580	421	6
	–	90	MEC 280M	380/480D	163-132							380	1800	1200	730	670		1644	670	1780	675	7
	–	110	MEC 315S	380/480D	195-159							435	2000	1340	910	830		1664	791	1800	796	7
KDN 100-315	22	–	MEC 180L	380/480D	43.4-37.5			140	90	315	100	350	1400	940	610	550	28	1304	347	1440	352	7
	30	–	MEC 200L	380/480D	57-48.3													1364	383	1500	388	7
	37	–	MEC 225S	380/480D	70-60													1444	430	1580	435	9
	45	–	MEC 225M	380/480D	85-72.5													1414	463	1550	468	9
	55	–	MEC 250M	380/480D	102-86								1600	1060	660	600		1519	540	1655	545	9
KDN 125-250	15	–	MEC 160L	380/480D	30.5-26.6			140	90	355	100	350	1400	940	610	550	28	1184	323	1320	328	9
	18.5	–	MEC 180M	380/480D	36.5-31.8													1304	344	1440	349	9
	22	–	MEC 180L	380/480D	43.4-37.5														353		358	9
	30	–	MEC 200L	380/480D	57-48.3													1364	389	150	394	9
	37	–	MEC 225S	380/480D	70-60								1600	1060	660	600		1444	462	1580	467	9
	45	–	MEC 225M	380/480D	85-72.5													1414	495	1550	500	9
	55	–	MEC 250M	380/480D	102-86													1519	546	1655	551	9
KDN 150-200	11	–	MEC 160M	380/480D	22-19.5			160	110	400	100	380	1800	1200	730	670	28	1284	396	1420	401	9
	15	–	MEC 160L	380/480D	30.5-26.6														415		420	9
	18.5	–	MEC 180M	380/480D	36.5-31.8													1324	436	1460	441	9
	22	–	MEC 180L	380/480D	43.4-37.5														445		450	9
	30	–	MEC 200L	380/480D	57-48.3													1384	481	1520	486	9

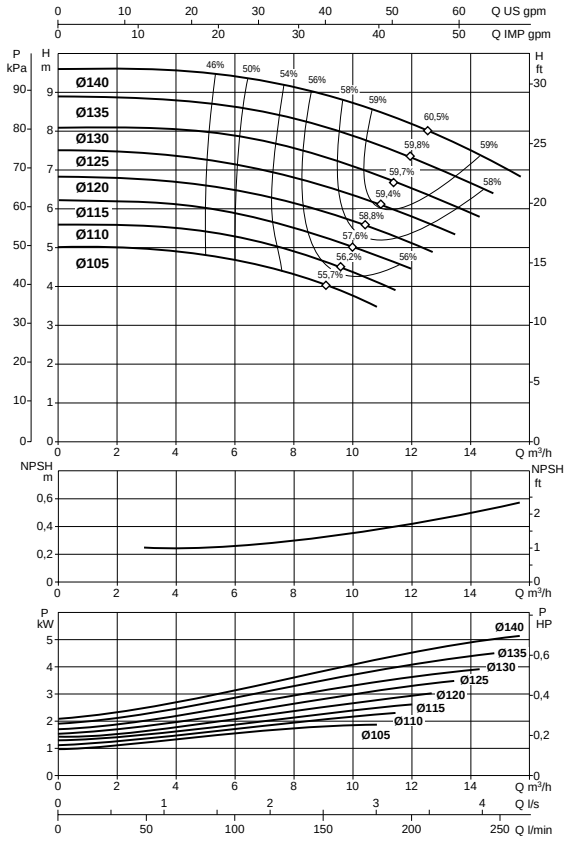
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

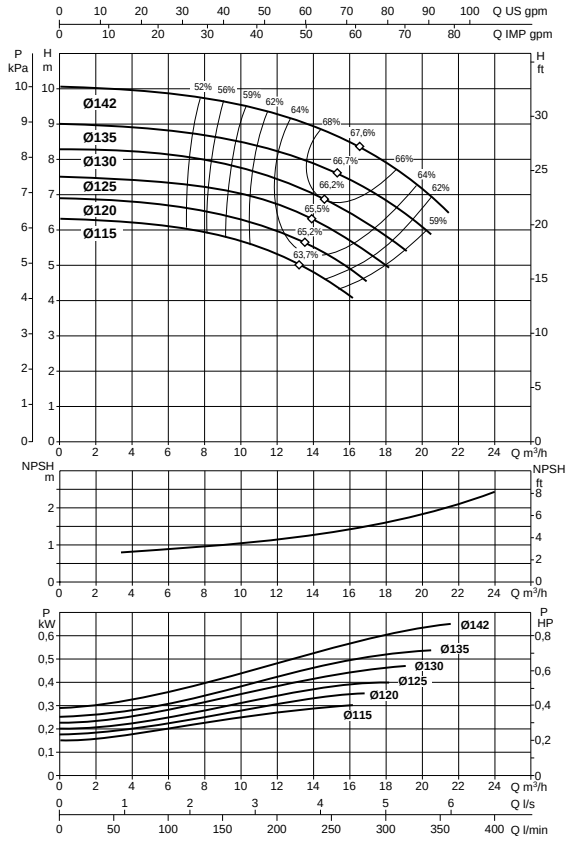
HYDRAULIC DATA KDN

4-POLES MOTOR (= 1750 r.p.m.)

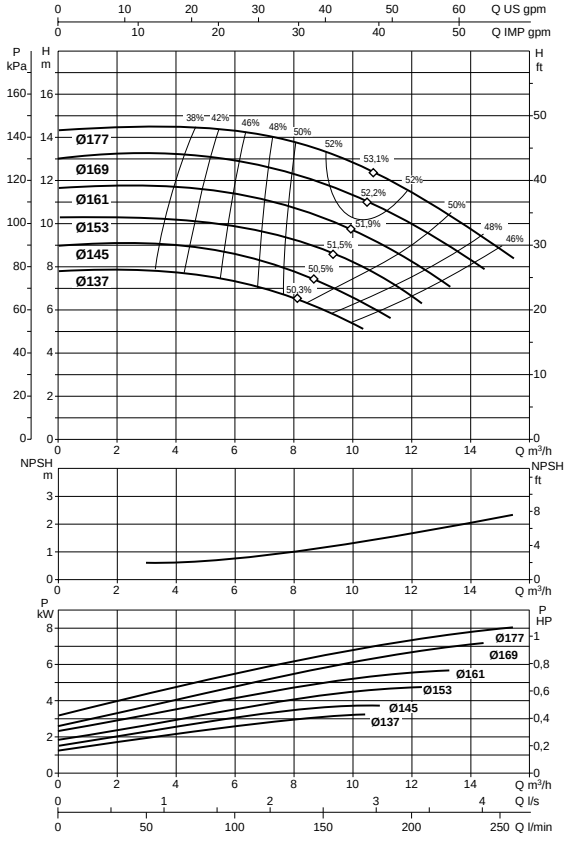
KDN 32-125.1



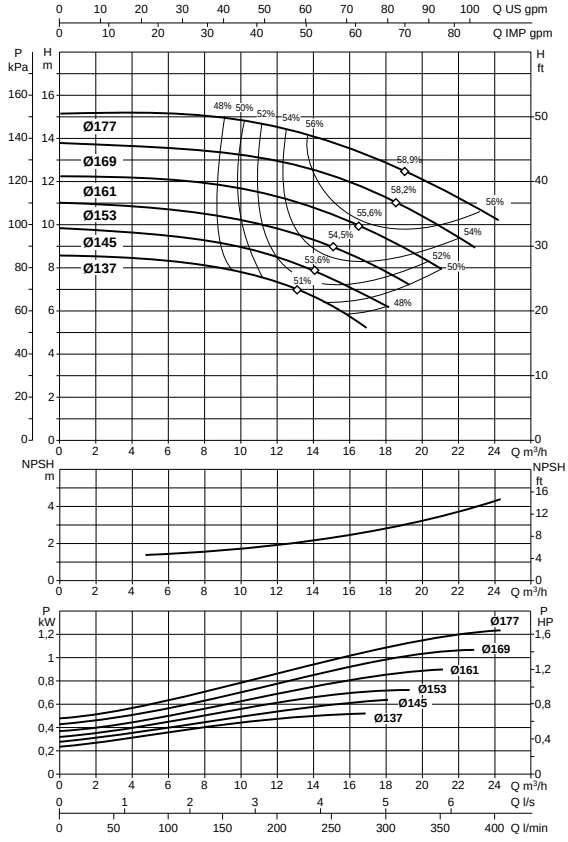
KDN 32-125



KDN 32-160.1



KDN 32-160



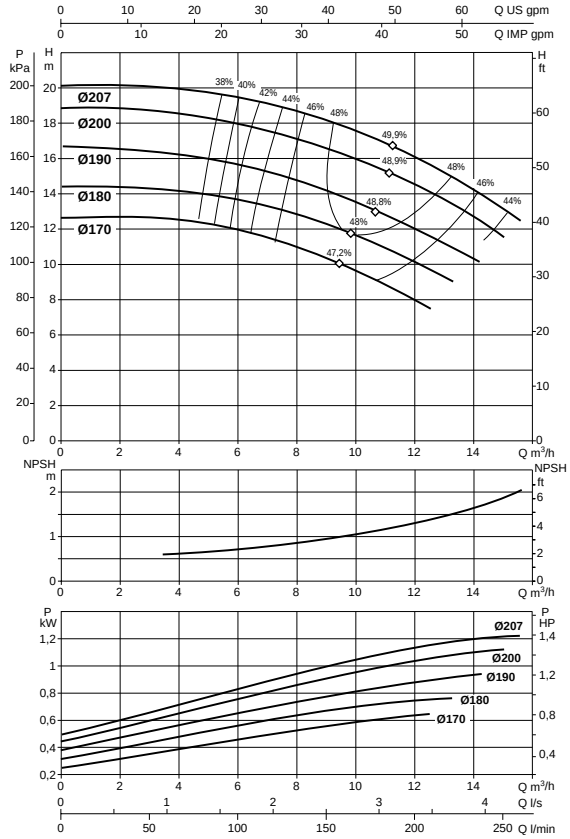
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

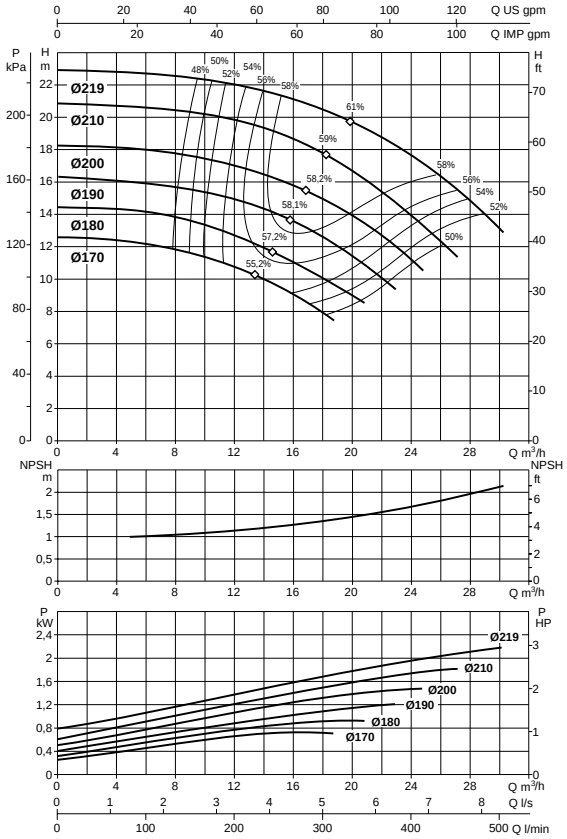
HYDRAULIC DATA KDN

4-POLES MOTOR (= 1750 r.p.m.)

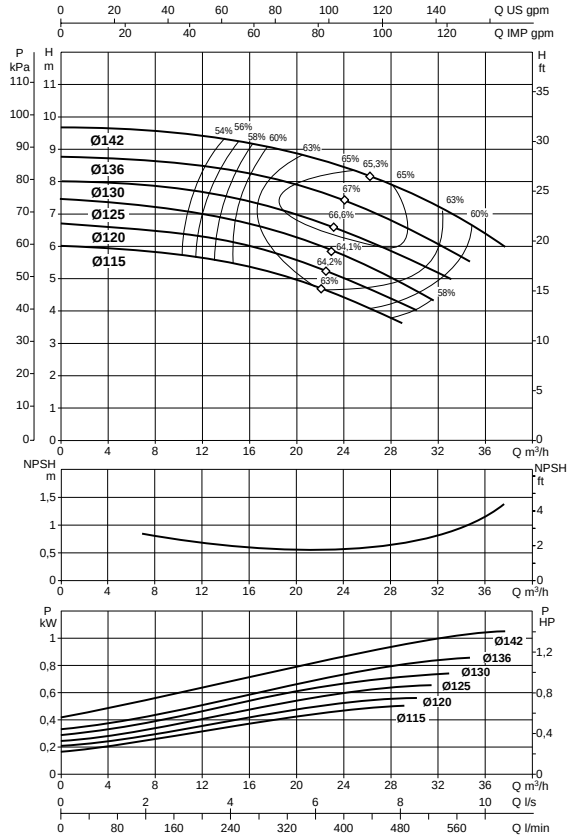
KDN 32-200.1



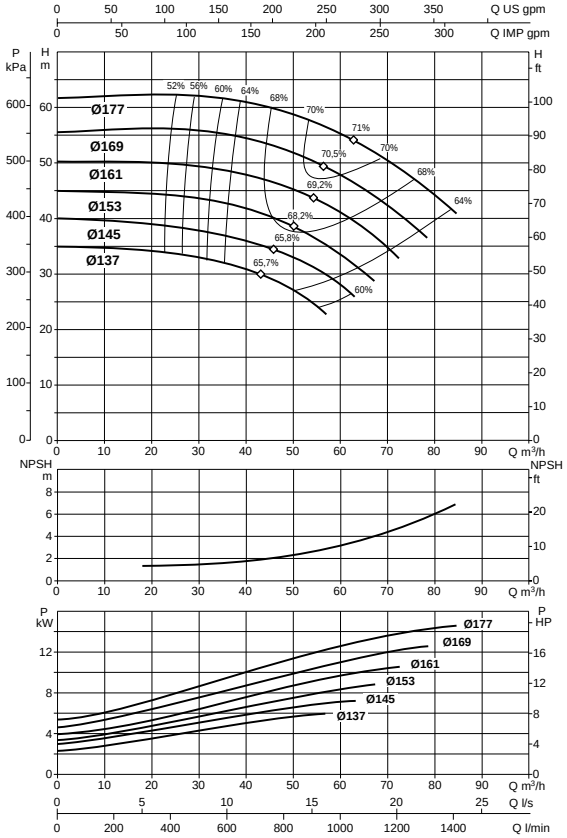
KDN 32-200



KDN 40-125



KDN 40-160



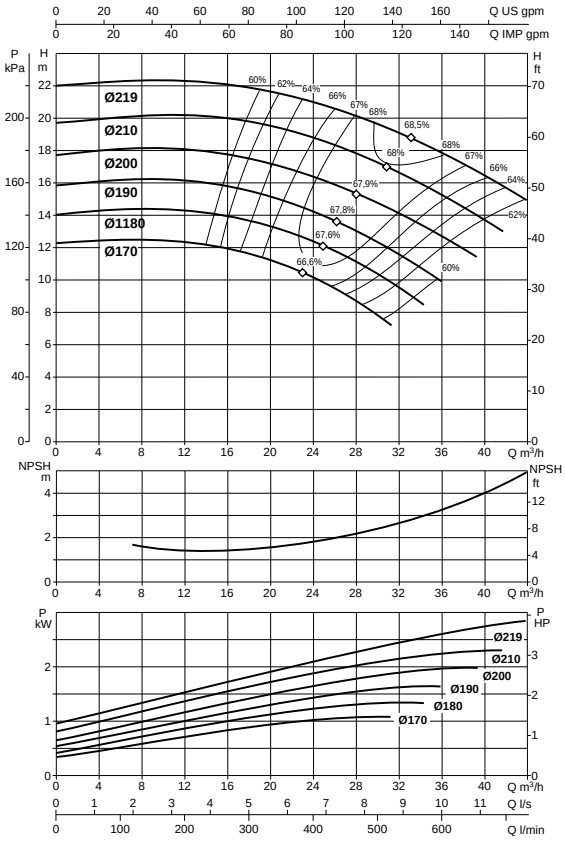
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

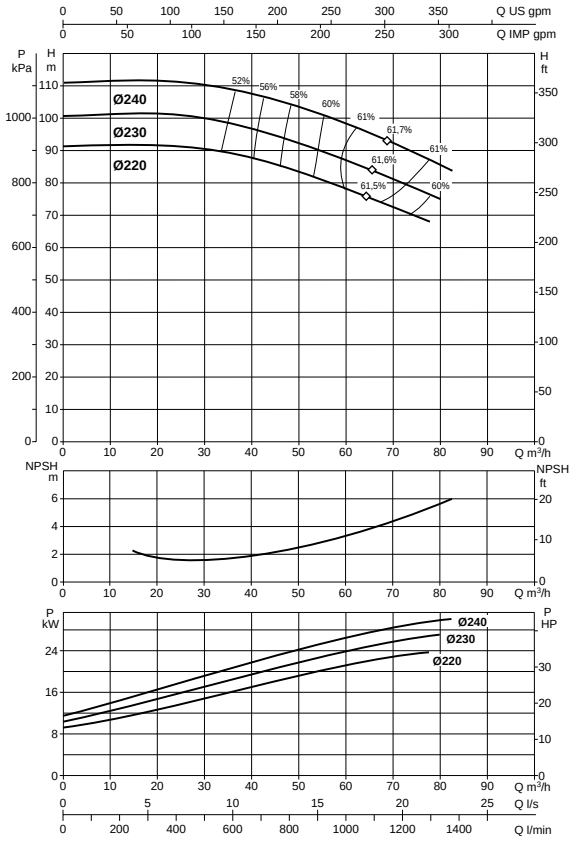
HYDRAULIC DATA KDN

4-POLES MOTOR (= 1750 r.p.m.)

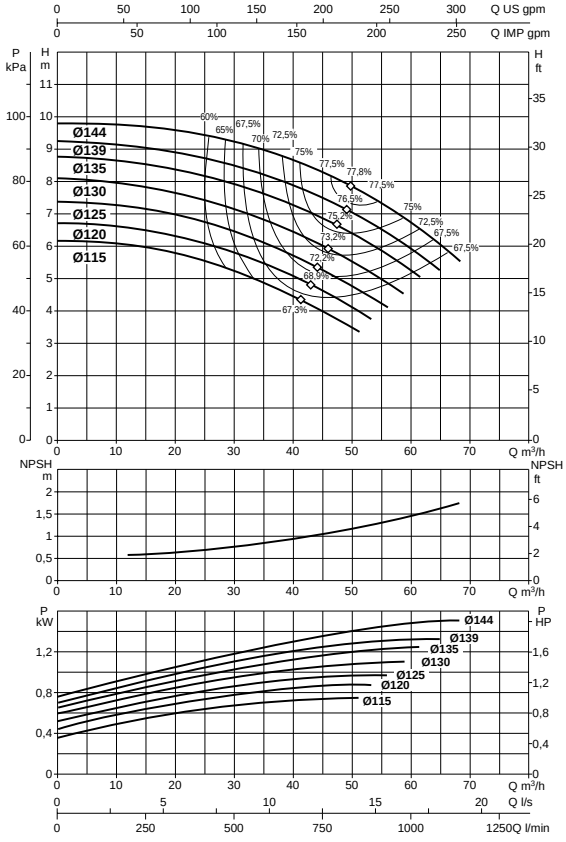
KDN 40-200



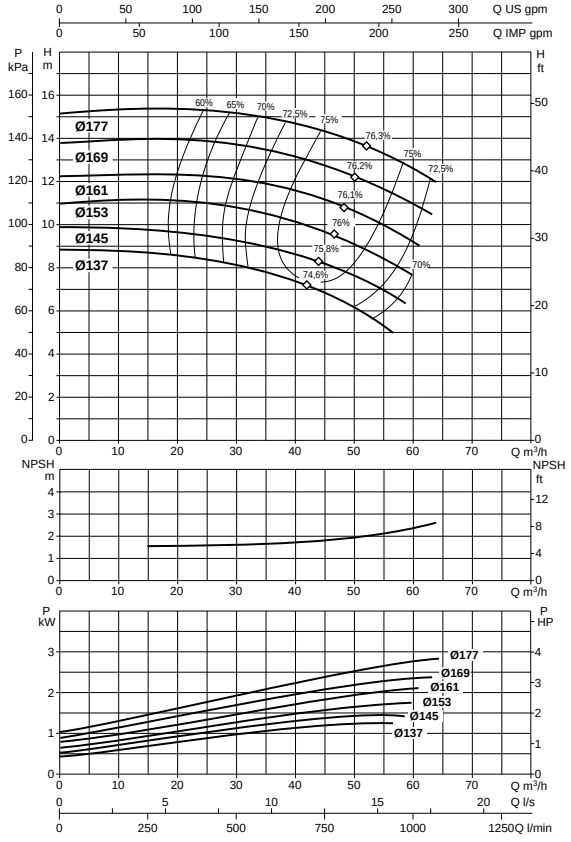
KDN 40-250



KDN 50-125



KDN 50-160



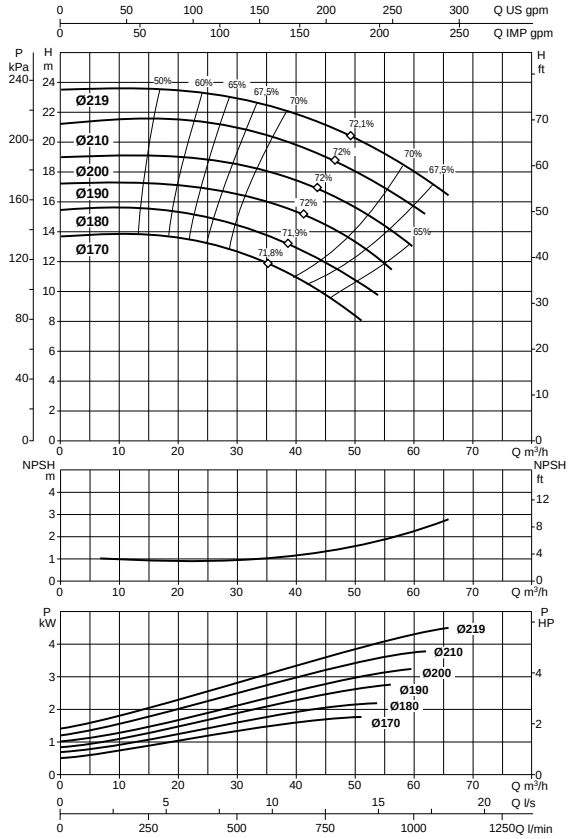
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

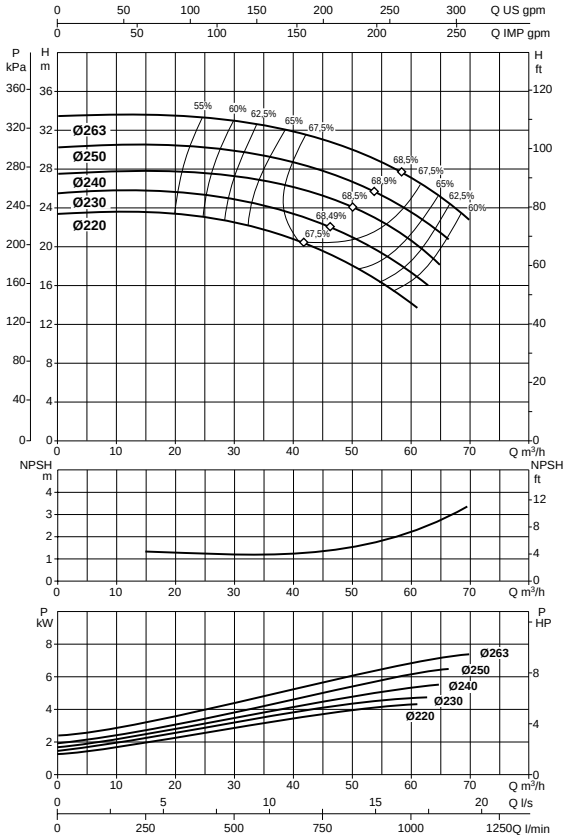
HYDRAULIC DATA KDN

4-POLES MOTOR (= 1750 r.p.m.)

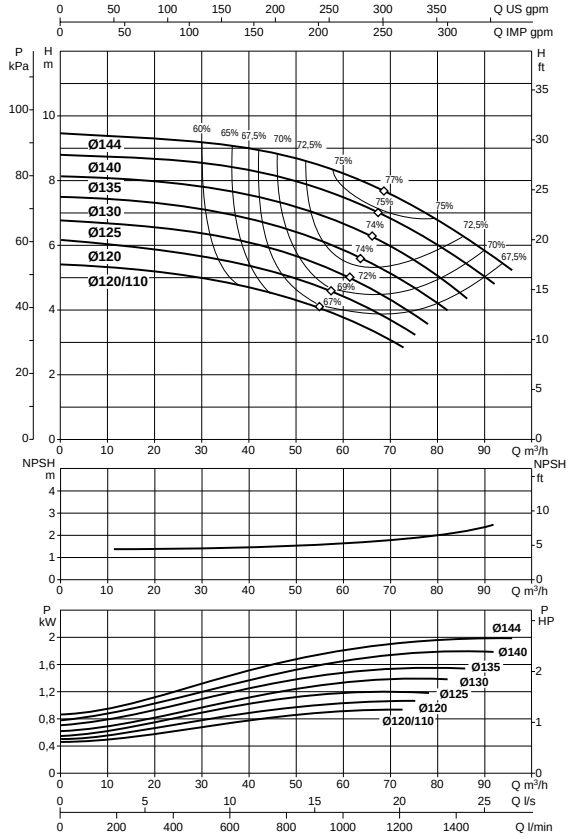
KDN 50-200



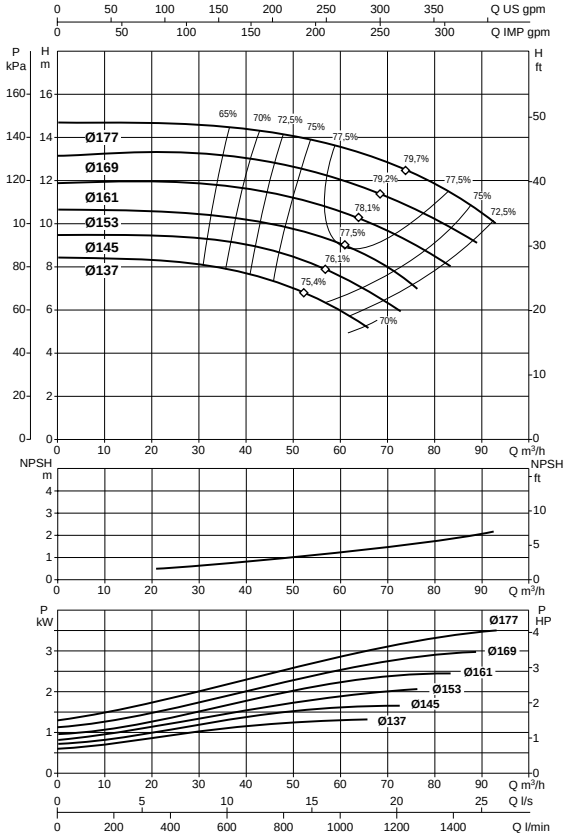
KDN 50-250



KDN 65-125



KDN 65-160



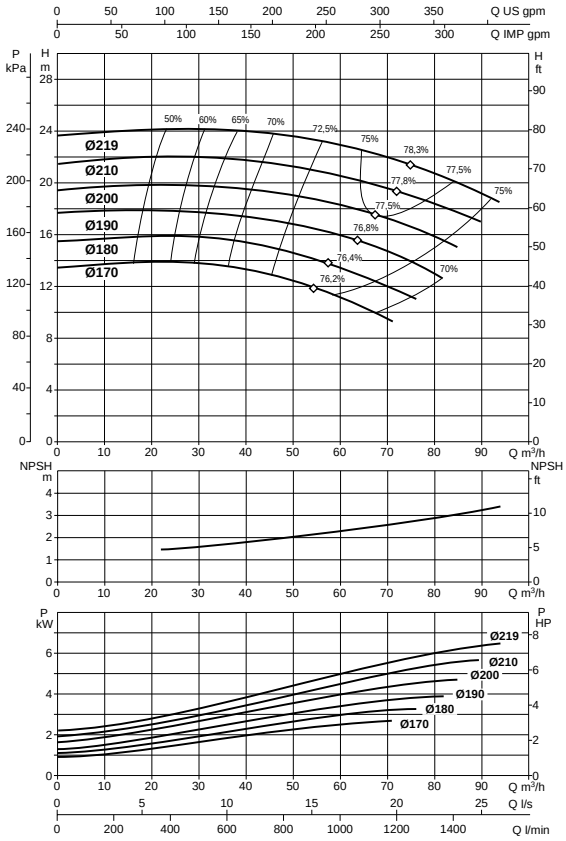
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

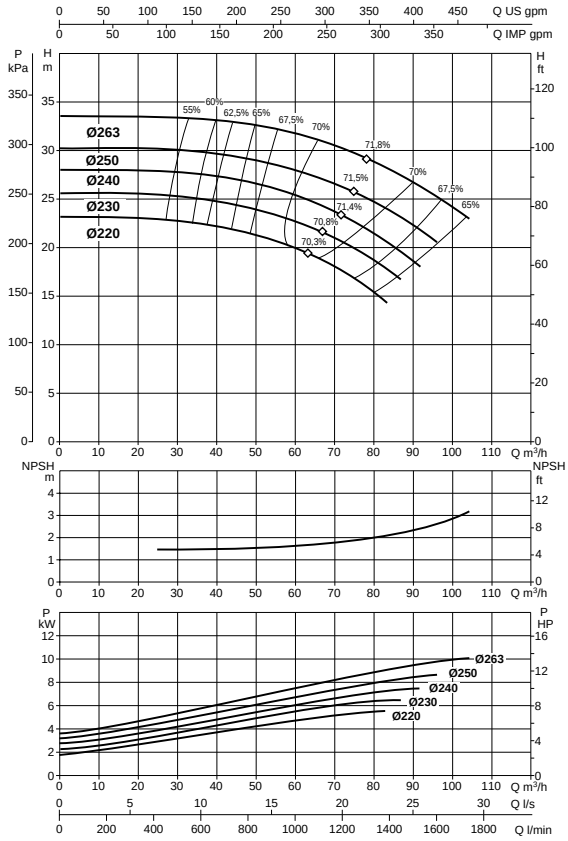
HYDRAULIC DATA KDN

4-POLES MOTOR (= 1750 r.p.m.)

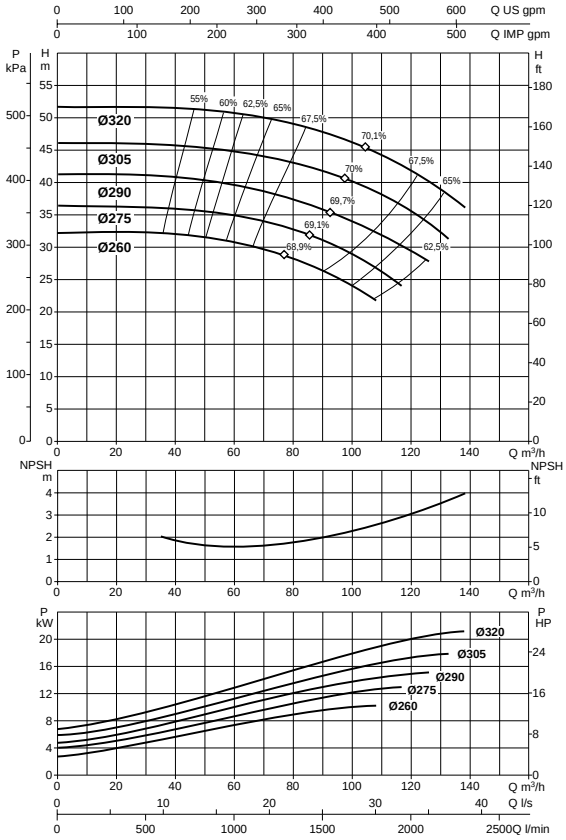
KDN 65-200



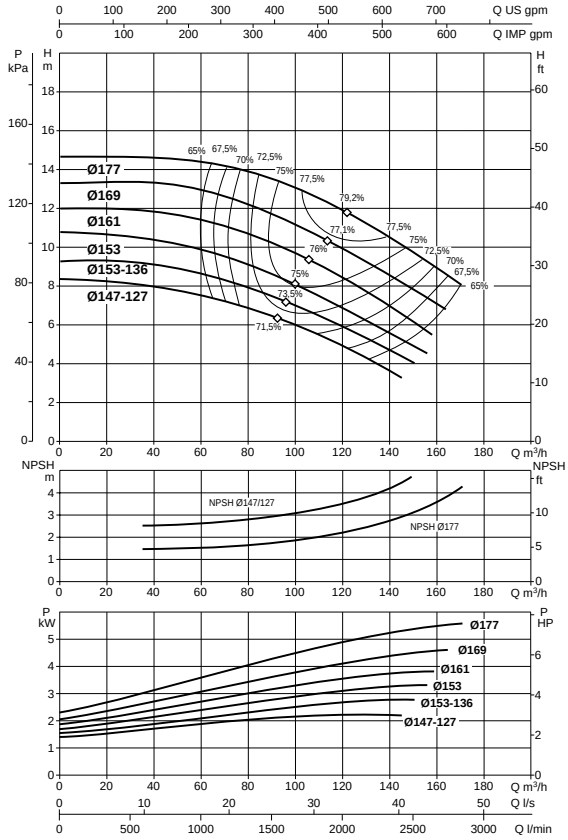
KDN 65-250



KDN 65-315



KDN 80-160



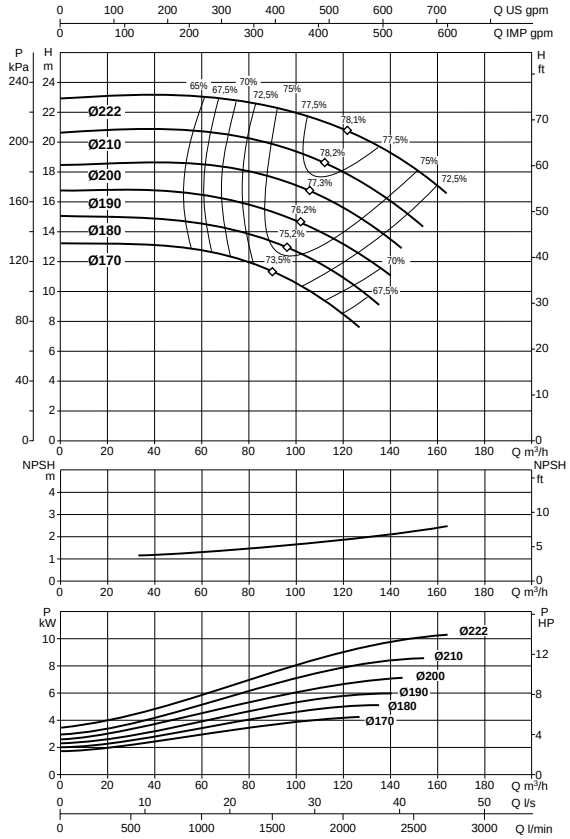
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

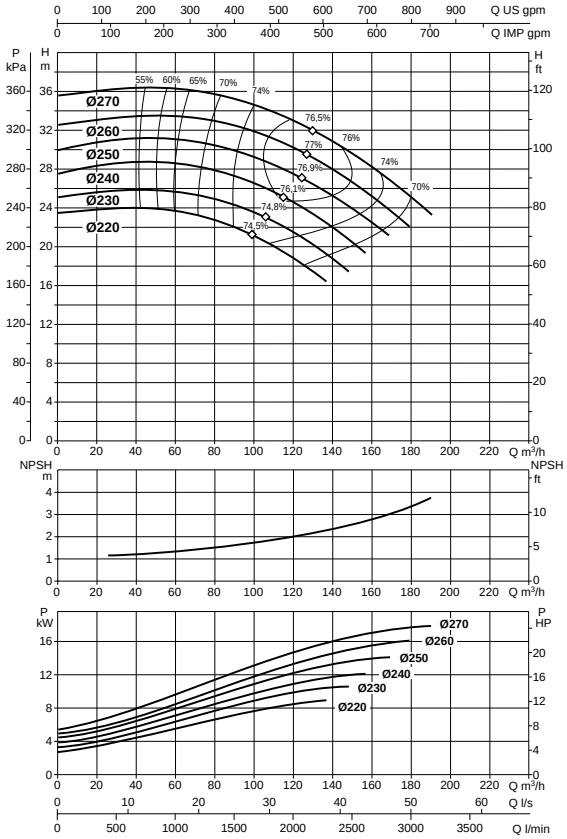
HYDRAULIC DATA KDN

4-POLES MOTOR (= 1750 r.p.m.)

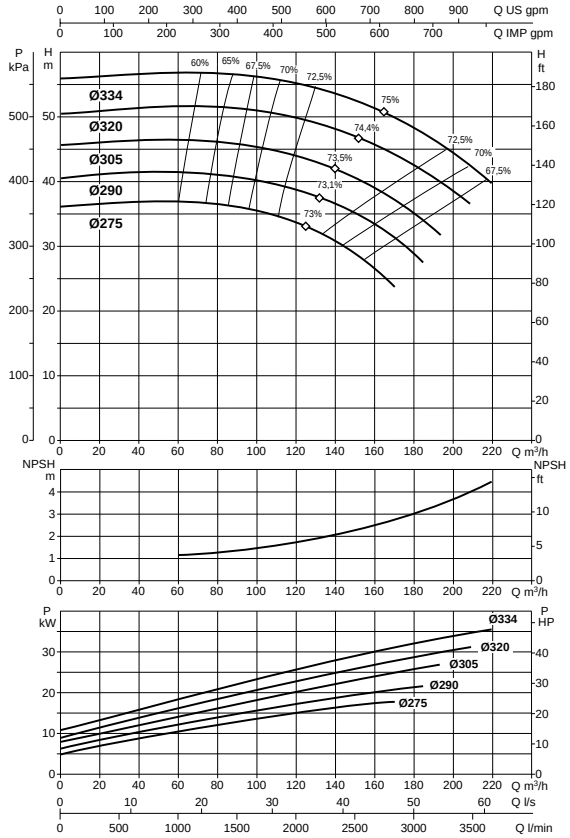
KDN 80-200



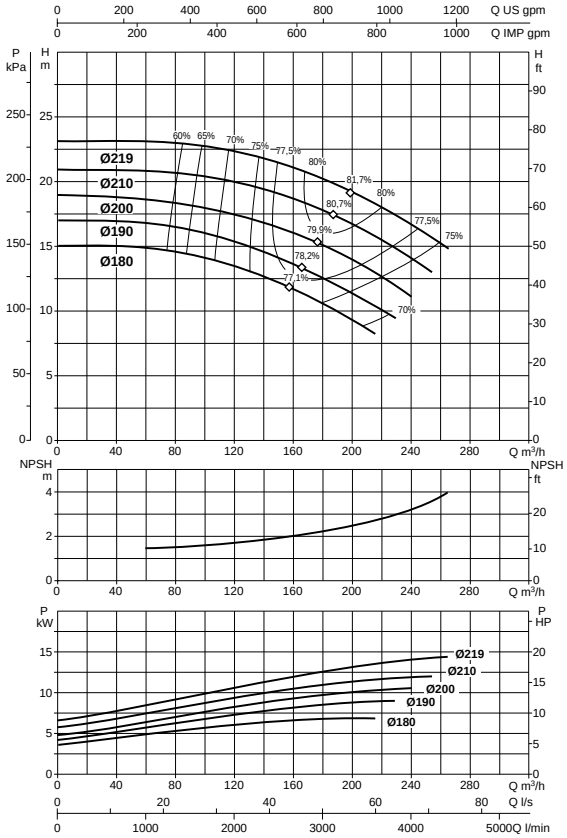
KDN 80-250



KDN 80-315



KDN 100-200



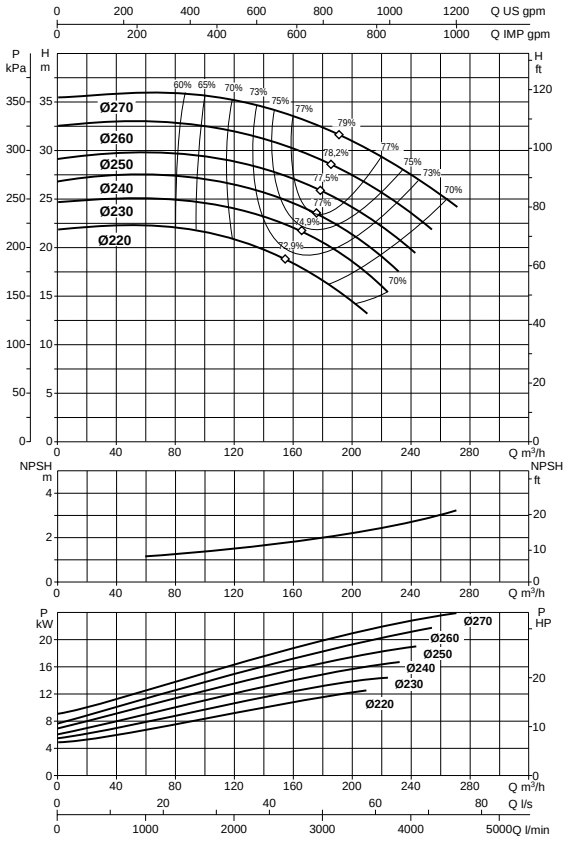
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

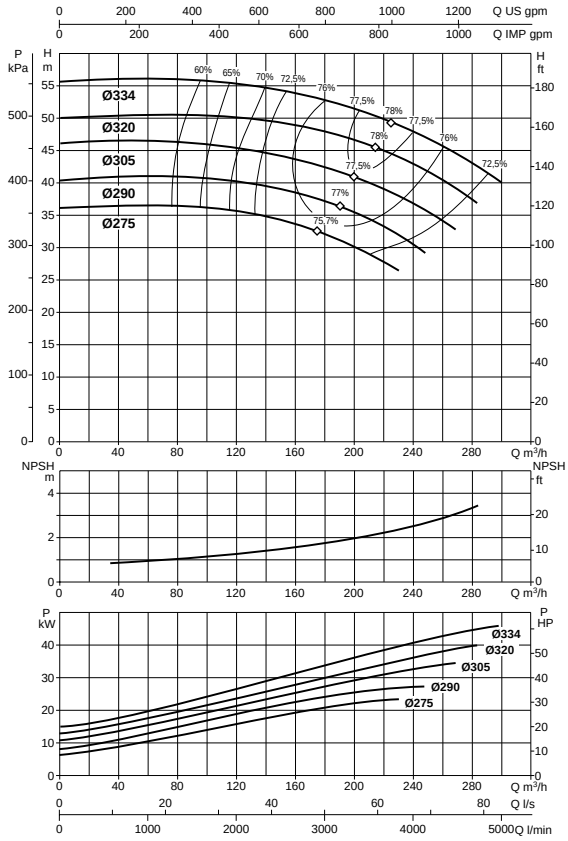
HYDRAULIC DATA KDN

4-POLES MOTOR (= 1750 r.p.m.)

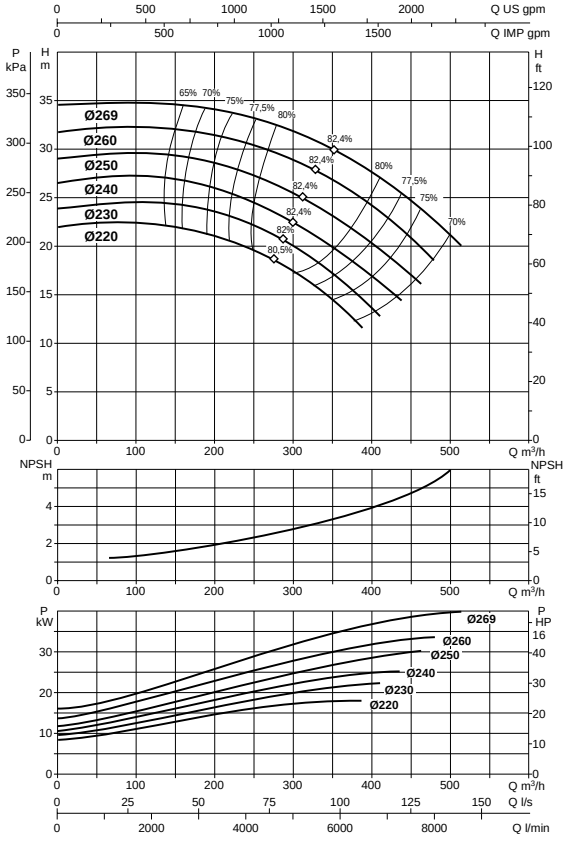
KDN 100-250



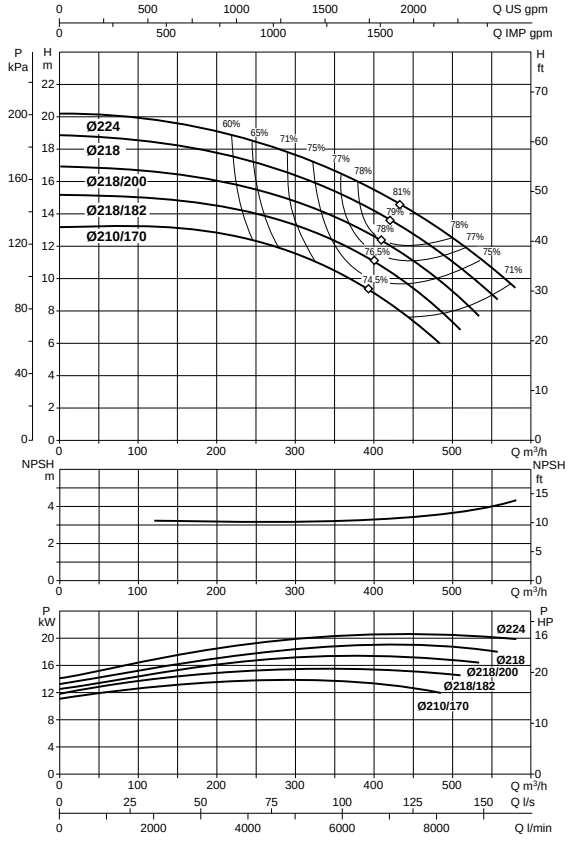
KDN 100-315



KDN 125-250



KDN 150-200



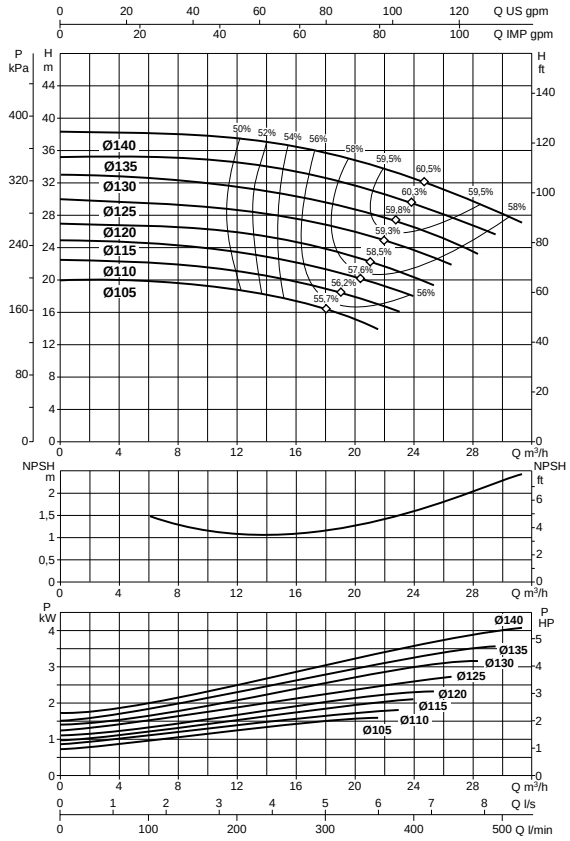
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

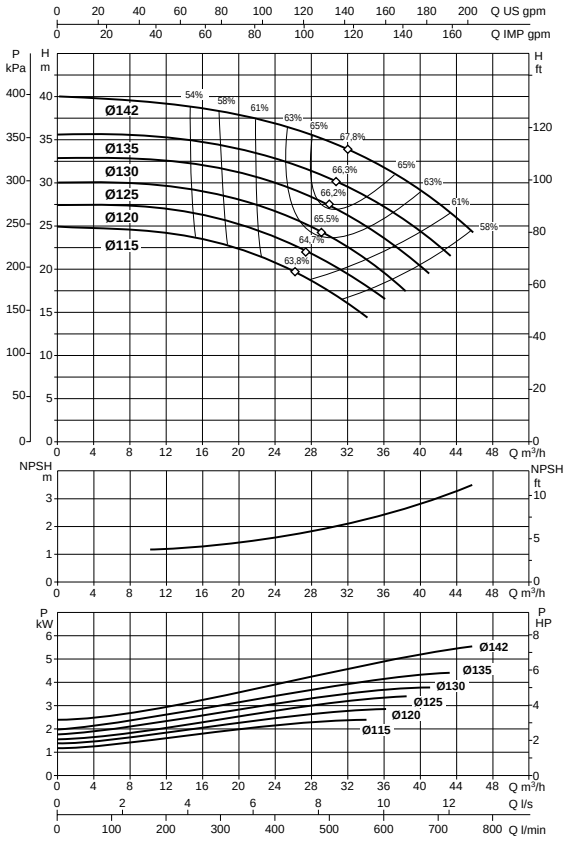
HYDRAULIC DATA KDN

2-POLES MOTOR (= 3500 r.p.m.)

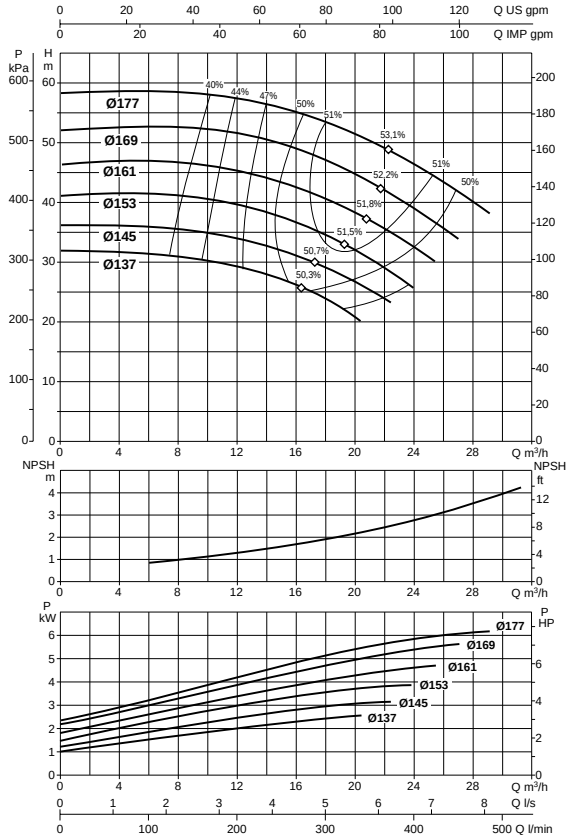
KDN 32-125.1



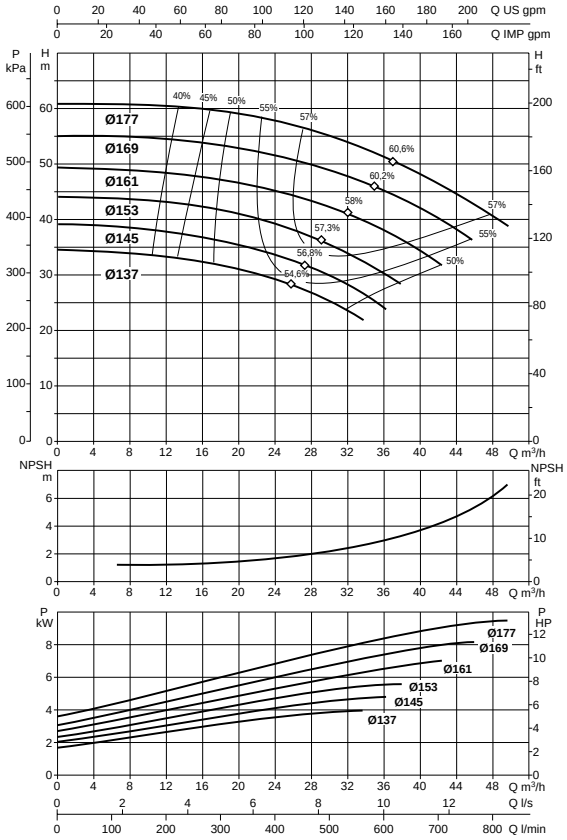
KDN 32-125



KDN 32-160.1



KDN 32-160



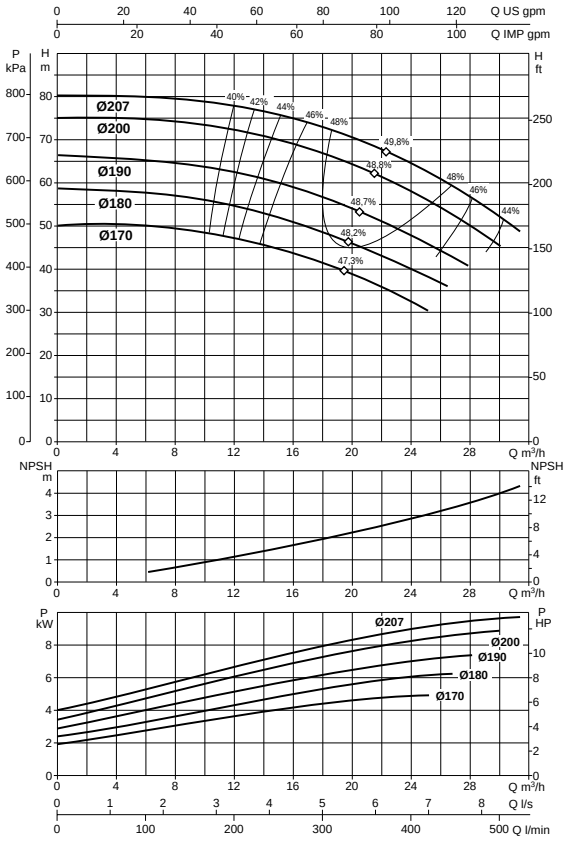
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

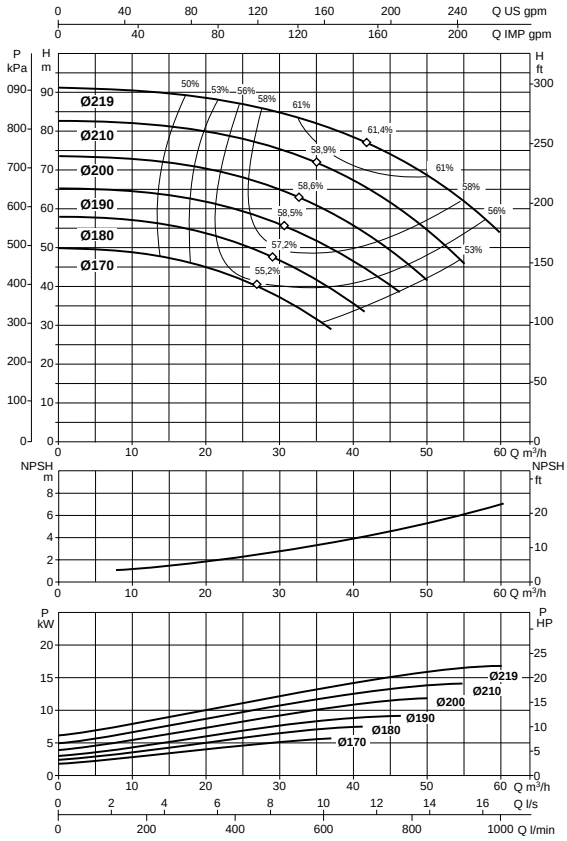
HYDRAULIC DATA KDN

2-POLES MOTOR (= 3500 r.p.m.)

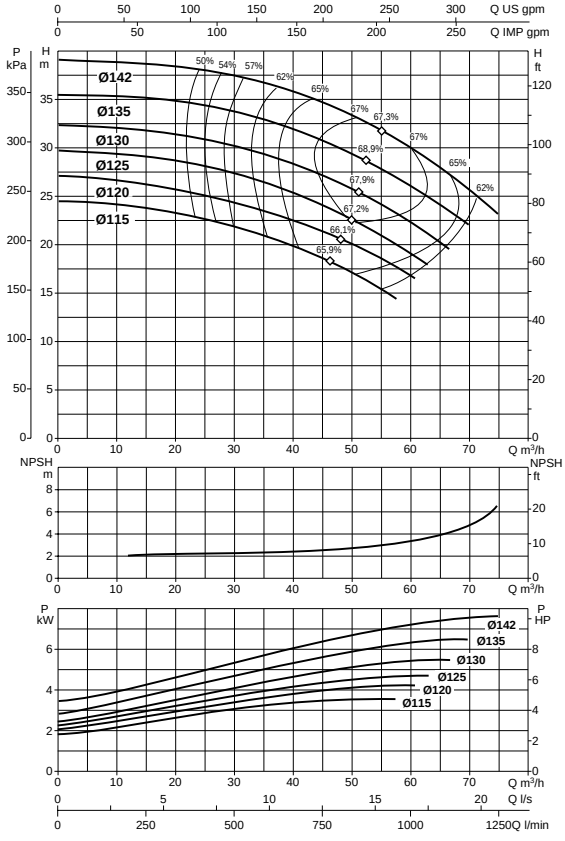
KDN 32-200.1



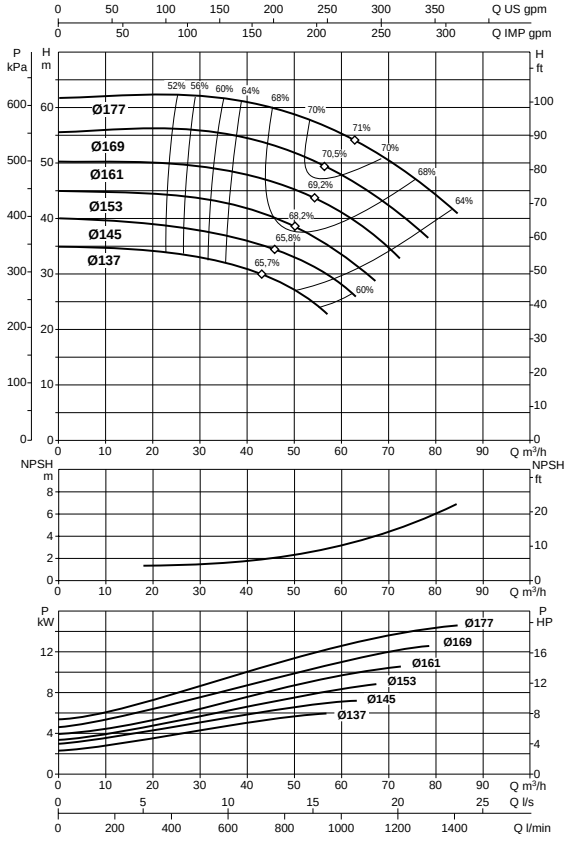
KDN 32-200



KDN 40-125



KDN 40-160



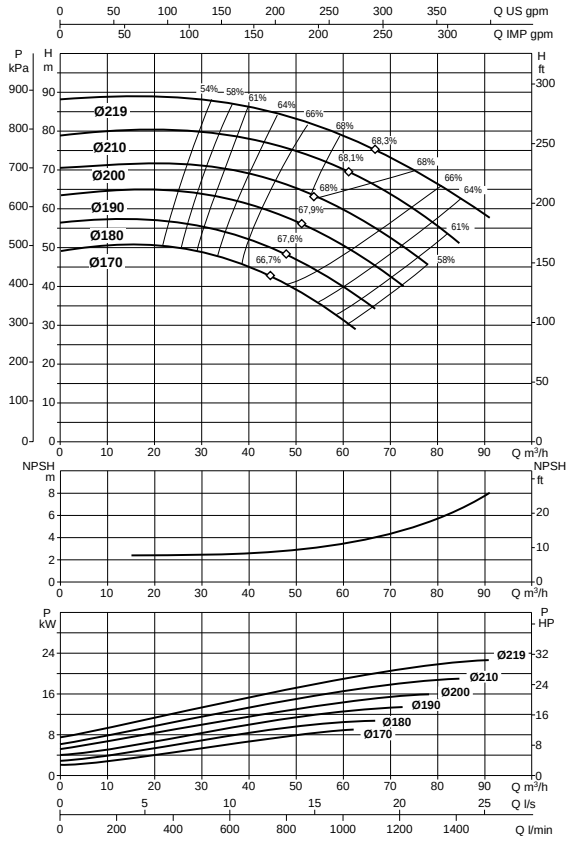
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

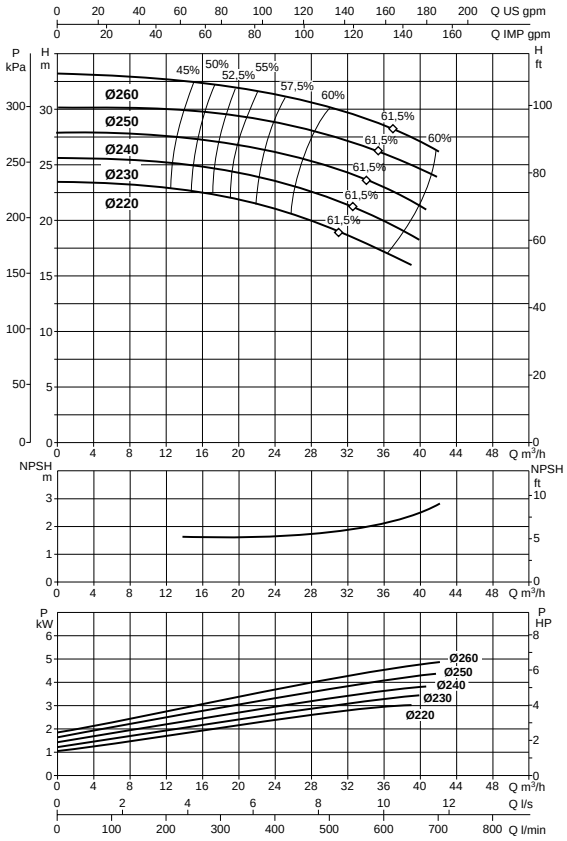
HYDRAULIC DATA KDN

2-POLES MOTOR (= 3500 r.p.m.)

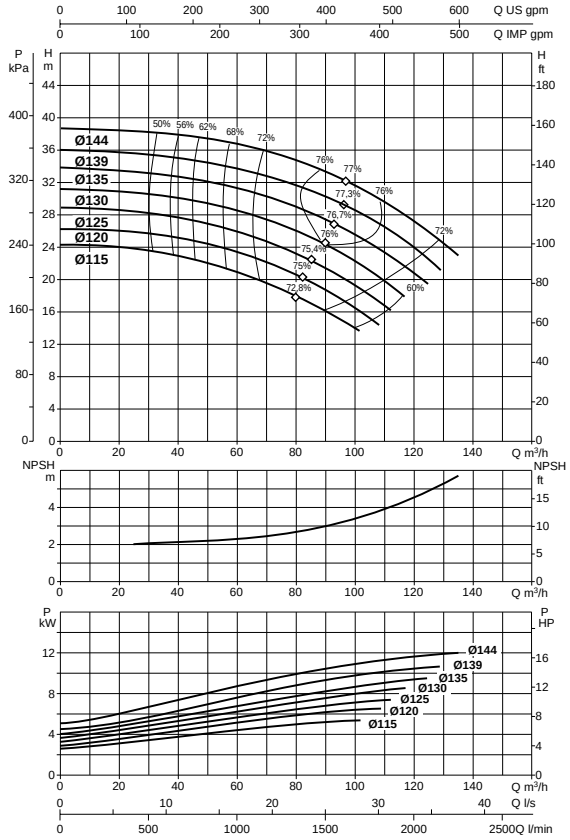
KDN 40-200



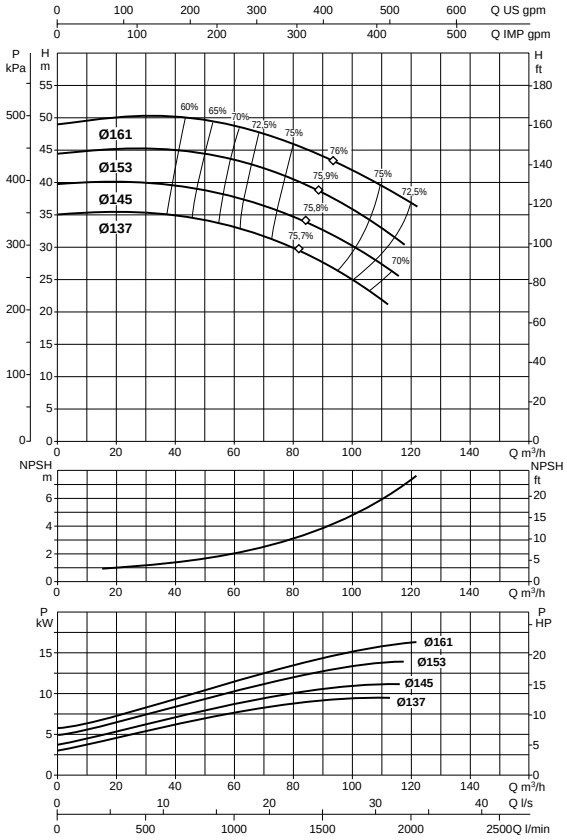
KDN 40-250



KDN 50-125



KDN 50-160



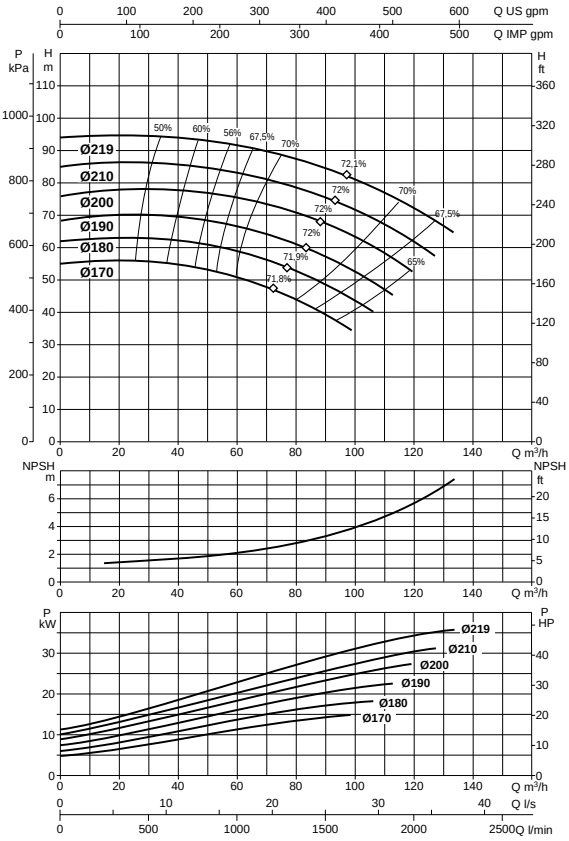
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

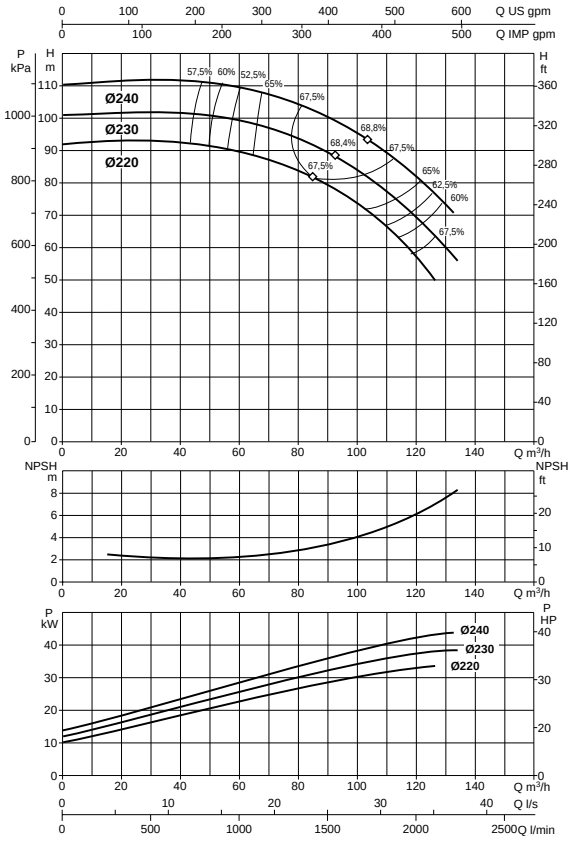
HYDRAULIC DATA KDN

2-POLES MOTOR (= 3500 r.p.m.)

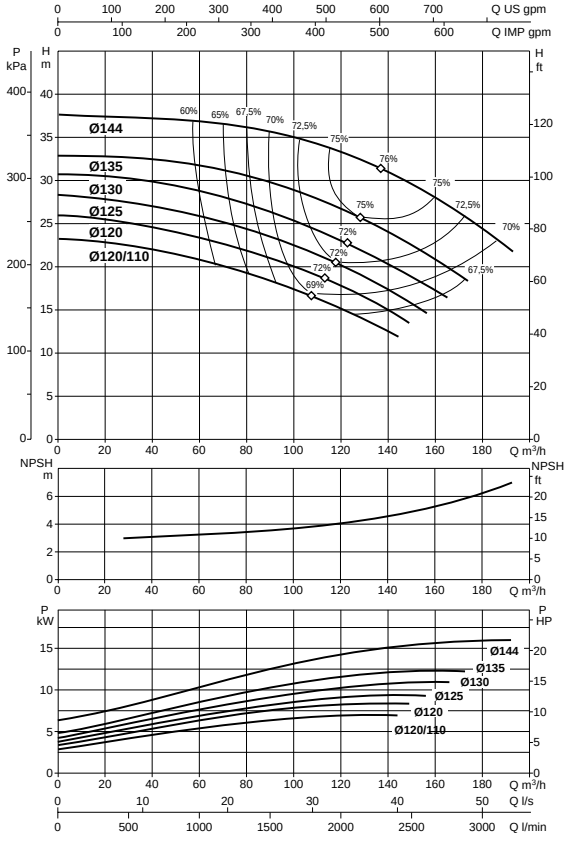
KDN 50-200



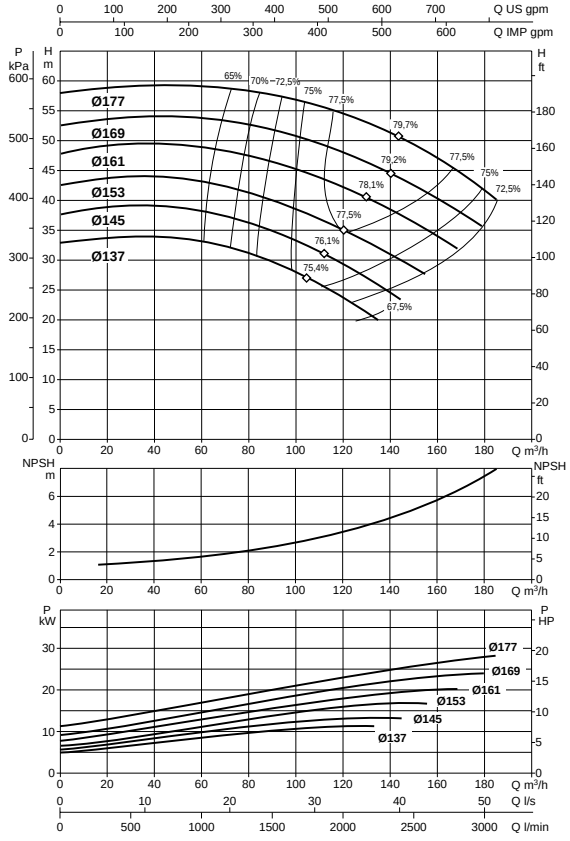
KDN 50-250



KDN 65-125



KDN 65-160



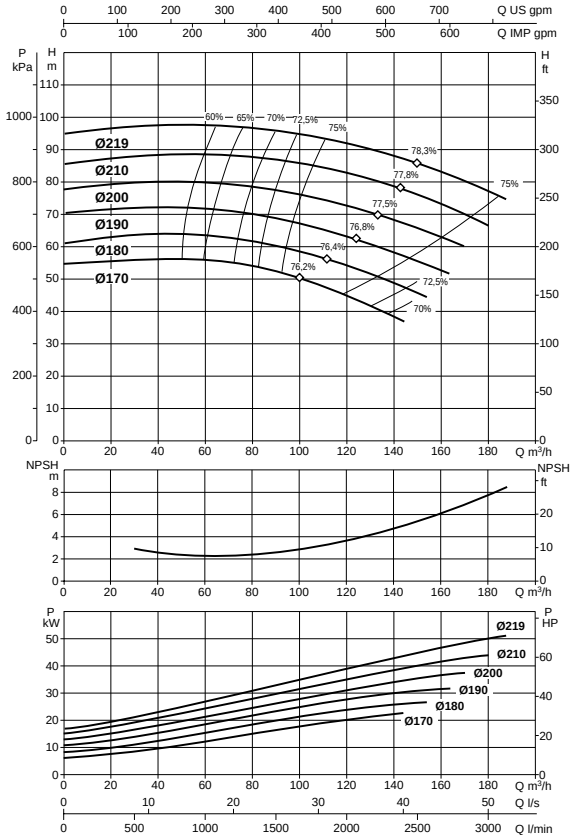
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

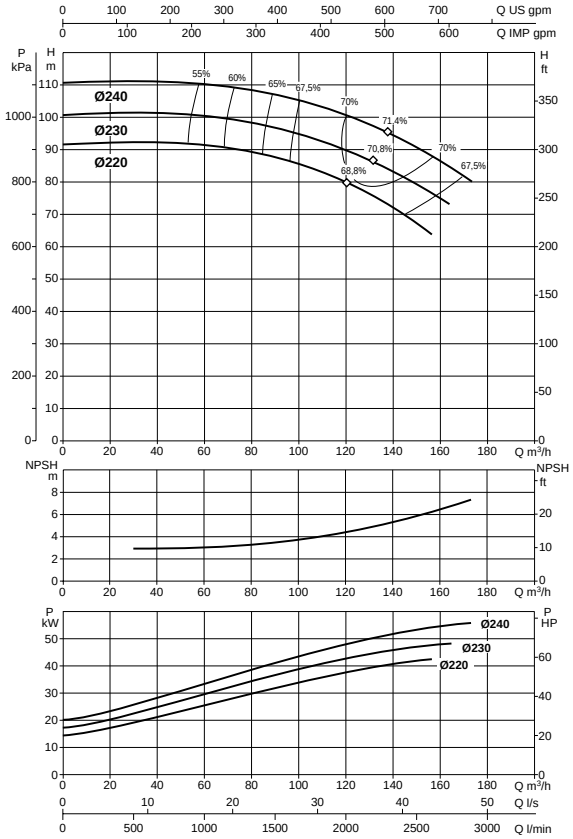
HYDRAULIC DATA KDN

2-POLES MOTOR (= 3500 r.p.m.)

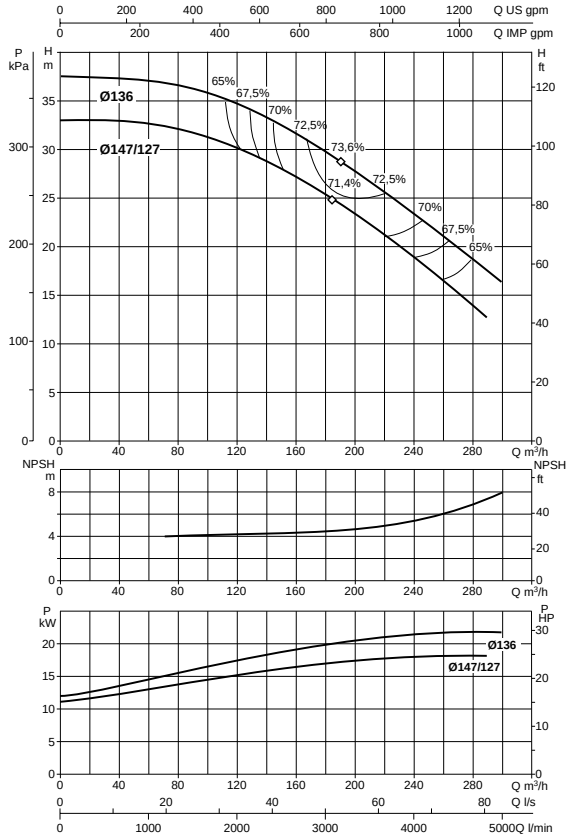
KDN 65-200



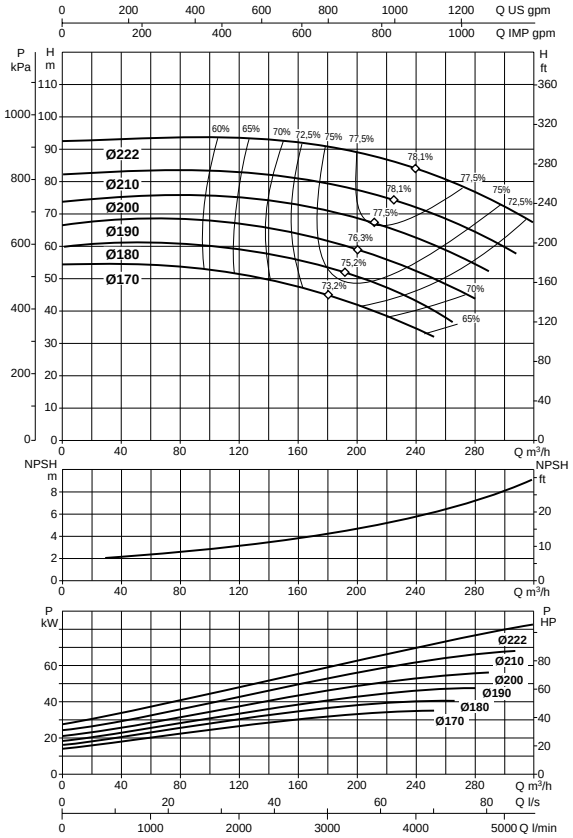
KDN 65-250



KDN 80-160



KDN 80-200



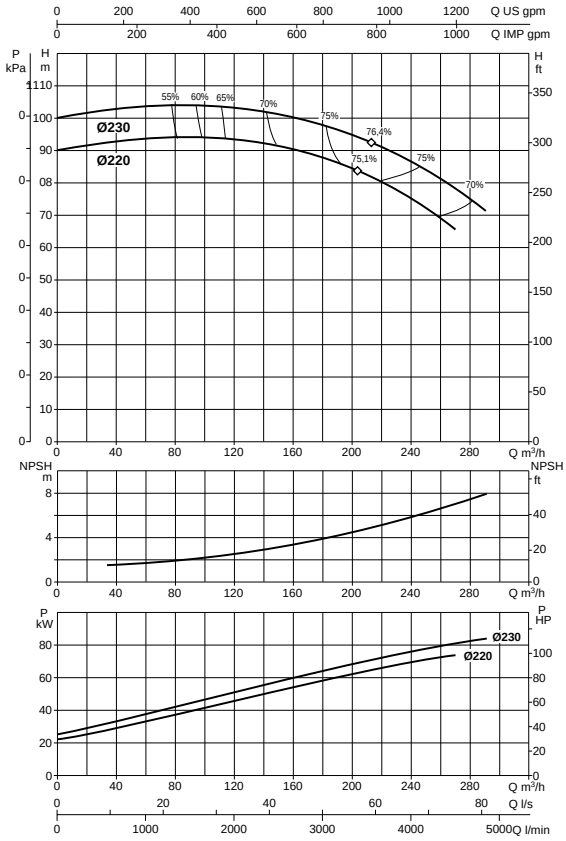
60 Hz

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

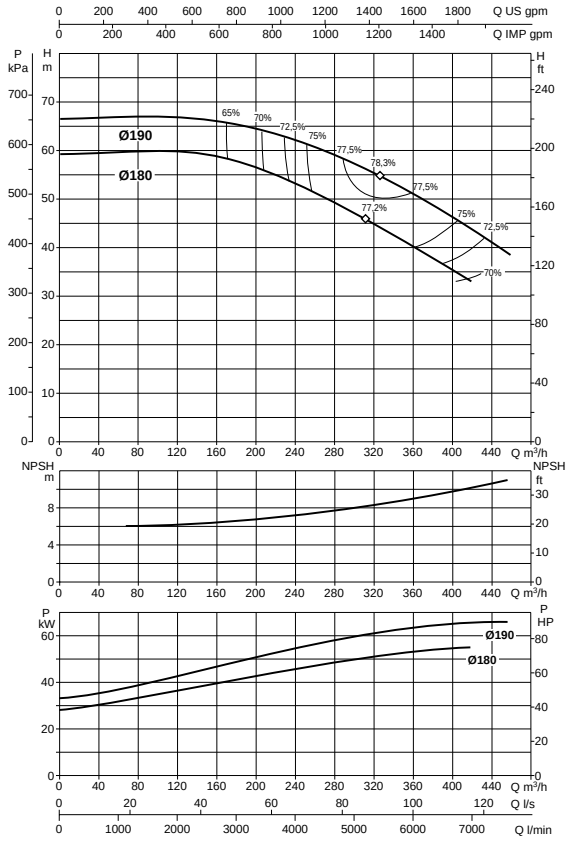
HYDRAULIC DATA KDN

2-POLES MOTOR (= 3500 r.p.m.)

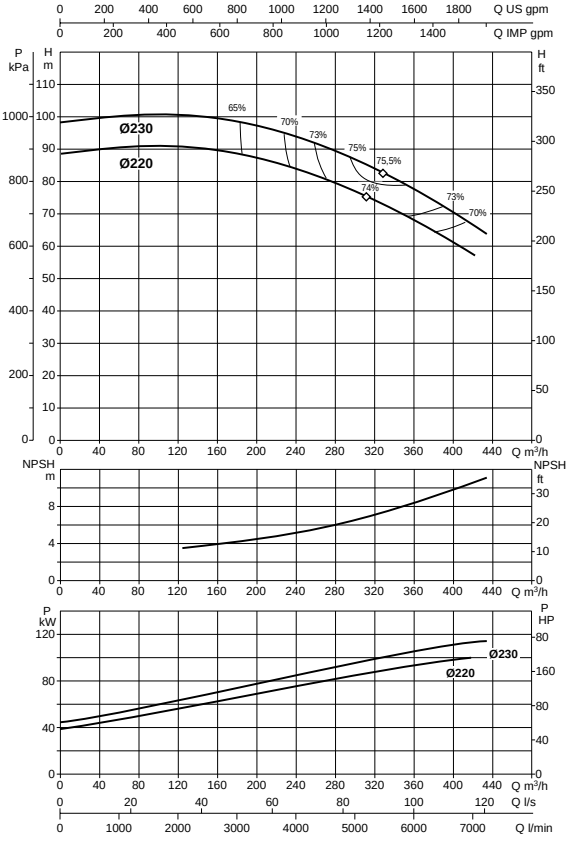
KDN 80-250



KDN 100-200



KDN 100-250



60 Hz