

2-Pole

60 Hz



Stainless Steel Borehole Submersible Pumps

KPS5 5"
KPS6 6"
KPS8 8"
KPS10 10"

For 5, 6, 8 & 10 inch Borehole



KOMAX (Private) Limited Pakistan, an ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 certified company, has the pride to say that it is the first-ever manufacturer of 6, 8 and 10 inches NEMA Submersible Motors in Pakistan. Our state of the art manufacturing facility, located at Plot No. 722, Sundar Industrial Estate Lahore, has a covered area of 54,192 sq. ft. we are manufacturing quality submersible motors and pumps conforming to IEC 60034-1 standard & having CE certification along with PSQCA certified Pakistan Standard PS/IEC/86/60034-1/2012 License No. CML/N-1268/2018.

6, 8 and 10-Inch NEMA Submersible Motors – KM6, KM8 and KM10 are the core products of KOMAX (Pvt.) Limited. These are specialized motors suitable for operating in deep wells. Its application areas are Agriculture, Industry, Commercial Buildings, Oil-fields, Municipalities and any other system that involves pumping the water from deep wells.

The existing facility having the latest CNC machines and a fully automated winding insertion and assembly line of German & Italian origin has an annual manufacturing capacity of 20,000 units. Komax motors have proven its reliability in local as well as in the international market and exponentially gaining markets in the Middle East, North America, South America, Europe & Africa.





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Salient Features

The new series of 5", 6", 8" and 10" stainless steel submersible pumps KPS5, KPS6, KPS8 and KPS10 has been designed and produced according to the market requirement. The compact, reliable and hydraulic design ensures high overall efficiency and less energy consumption are making a low running cost of the pumping system. High quality fabricated stainless steel delivery casing, suction piece, impellers and diffusers for corrosion resistance and long and trouble-free life.

Applications

Because of their high efficiency and reliability, they are suitable for use in domestic and civil water supplies, industrial cooling processes, firefighting systems, shower and running irrigation, agriculture, drip irrigation, sprinkle system, mining industry, drainage and de-watering application etc. Komax pumps suitable for pumping clean, thin, non-aggressive liquids without solid particles or fibers with a sand content of no more than 55 grams/m³.



Domestic



Civil



Industrial



Agriculture



Sprinkle



Fire-Fighting

Technical Specification

4 nrs. / 10 nrs.

pump types or sizes / models

60 Hz

pump models

2 Poles / 3450 rpm

pump speed

up to 268 m³/h (1180 USGPM)

pump flow / capacity

up to 617,5 meters (2026 feet)

pump head

up to 150 kW

pump power

Clean Water

pumping liquid

55 grm / m³

maximum sand contents

-5 °C

minimum water temperature

50 °C

maximum water temperature

Clock-wise facing delivery side

direction of rotation

1 meter

min. rec. head of water above pump suction





Construcation Materials

Parts Name	Standard Material	Optional Material
Delivery Casing	Stainless Steel AISI 304	Stainless Steel AISI 316
Suction Casing	Stainless Steel AISI 304	Stainless Steel AISI 316
Bowl / Diffuser	Stainless Steel AISI 304	Stainless Steel AISI 316
Impeller	Stainless Steel AISI 304	Stainless Steel AISI 316
Pump Shaft	Stainless Steel AISI 304	Stainless Steel AISI 316
Pump Coupling	Stainless Steel AISI 316	Stainless Steel AISI 316
Pump Shaft	Stainless Steel AISI 304	Stainless Steel AISI 316
Pump Strainer	Stainless Steel AISI 304	Stainless Steel AISI 316
Impeller Seat	Rubber	Rubber
Bush Diffuser	Rubber	Rubber
Cable Guard	Stainless Steel AISI 316	Stainless Steel AISI 316
Tie Rod / Strip	Stainless Steel AISI 316	Stainless Steel AISI 316



Pump Type Identification

KPS6-50/12

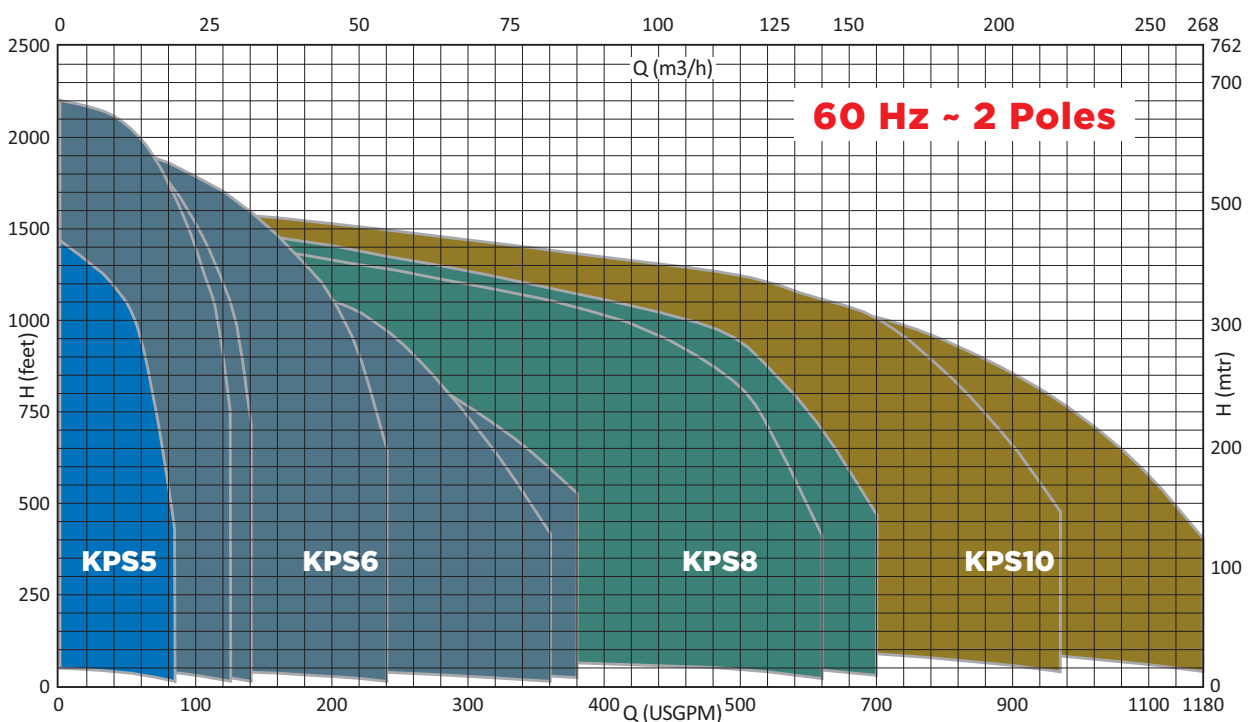
Komax Stainless Steel Deepwell Submersible Pump

Nominal Pump Dia in Inches

Nominal Pump Flow in m³/h

Nos. of Impellers / Stages

Group Performance Curve





60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	22	36	48	60	72	84	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	5	8,2	10,9	13,6	16,4	19,1		
KPS5-08/1	1	0,75	0,55	Head in Feet	51	47	43	39	34	26	16	280	4
KPS5-08/2	2	1,5	1,1		103	94	87	79	67	51	31	320	5
KPS5-08/3	3	3	2,2		154	141	130	118	101	77	47	360	6
KPS5-08/4	4	3	2,2		205	187	174	157	134	103	62	400	7
KPS5-08/5	5	4	3		256	234	217	197	168	128	78	440	7
KPS5-08/6	6	5,5	4		308	281	261	236	201	154	93	480	8
KPS5-08/7	7	5,5	4		359	328	304	275	235	180	109	520	9
KPS5-08/8	8	7,5	5,5		410	375	348	315	268	205	124	560	10
KPS5-08/9	9	7,5	5,5		462	422	391	354	302	231	140	600	10
KPS5-08/10	10	7,5	5,5		513	469	435	393	335	257	155	640	11
KPS5-08/11	11	10	7,5		564	516	478	433	369	282	171	680	12
KPS5-08/12	12	10	7,5		616	562	522	472	402	308	186	720	13
KPS5-08/13	13	10	7,5		667	609	565	512	436	334	202	760	13
KPS5-08/14	14	10	7,5		718	656	609	551	469	359	217	800	14
KPS5-08/15	15	12,5	9,3		769	703	652	590	503	385	233	840	15
KPS5-08/16	16	12,5	9,3		821	750	696	630	537	411	248	880	15
KPS5-08/17	17	12,5	9,3		872	797	739	669	570	436	264	920	16
KPS5-08/18	18	15	11		923	844	783	708	604	462	279	960	17
KPS5-08/19	19	15	11		975	891	826	748	637	488	295	1000	18
KPS5-08/20	20	15	11		1026	937	870	787	671	514	310	1040	18
KPS5-08/21	21	15	11		1077	984	913	826	704	539	326	1080	19
KPS5-08/22	22	17,5	13		1128	1031	957	866	738	565	341	1120	20
KPS5-08/23	23	17,5	13		1180	1078	1000	905	771	591	357	1160	21
KPS5-08/24	24	17,5	13		1231	1125	1044	944	805	616	372	1200	21
KPS5-08/25	25	20	15		1282	1172	1087	984	838	642	388	1240	22
KPS5-08/26	26	20	15		1334	1219	1131	1023	872	668	403	1280	23
KPS5-08/27	27	20	15		1385	1265	1174	1062	905	693	419	1320	24
KPS5-08/28	28	20	15		1436	1312	1218	1102	939	719	434	1360	24

2-inch Pump outlet (DN)

122 MM Outer dia with one (1) cable guard

125 MM Outer dia with two (2) cable guards

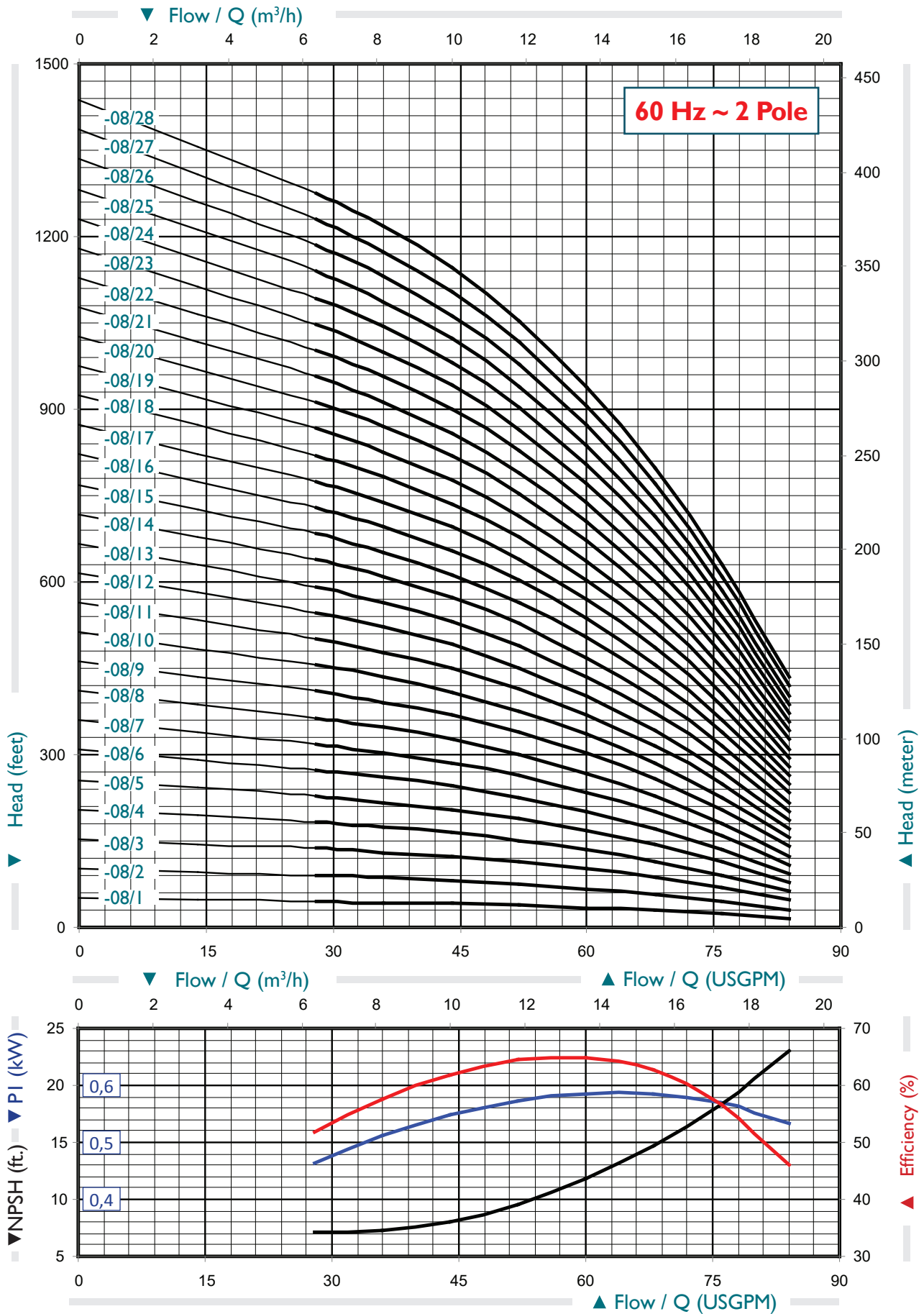
KPS5-08

FOR 5 INCH BORE HOLE



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS5-08

FOR 5 INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	25	50	70	85	110	125	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	5,7	11,4	15,9	19,3	25	28,4		
KPS6-17/1	1	1,5	1,1	Head in Feet	52	51	49	45	40	27	18	333	6
KPS6-17/2	2	3	2,2		105	103	98	89	79	55	36	393	7
KPS6-17/3	3	4	3		157	154	147	134	119	82	53	454	8
KPS6-17/4	4	5,5	4		210	205	196	179	159	110	71	514	9
KPS6-17/5	5	7,5	5,5		262	257	245	223	198	137	89	575	10
KPS6-17/6	6	7,5	5,5		314	308	294	268	238	165	107	635	11
KPS6-17/7	7	10	7,5		367	360	343	313	278	192	125	696	12
KPS6-17/8	8	10	7,5		419	411	392	357	317	219	142	756	13
KPS6-17/9	9	10	7,5		472	462	441	402	357	247	160	817	14
KPS6-17/10	10	12,5	9,3		524	514	490	447	396	274	178	877	16
KPS6-17/11	11	12,5	9,3		577	565	539	491	436	302	196	938	17
KPS6-17/12	12	15	11		629	616	588	536	476	329	214	998	18
KPS6-17/13	13	15	11		681	668	636	581	515	356	231	1059	19
KPS6-17/14	14	17,5	13		734	719	685	626	555	384	249	1119	20
KPS6-17/15	15	17,5	13		786	770	734	670	595	411	267	1180	21
KPS6-17/16	16	20	15		839	822	783	715	634	439	285	1240	22
KPS6-17/17	17	20	15		891	873	832	760	674	466	303	1301	23
KPS6-17/18	18	20	15		943	925	881	804	714	494	320	1361	24
KPS6-17/19	19	25	18,5		996	976	930	849	753	521	338	1422	25
KPS6-17/20	20	25	18,5		1048	1027	979	894	793	548	356	1482	27
KPS6-17/21	21	25	18,5		1101	1079	1028	938	833	576	374	1543	28
KPS6-17/22	22	25	18,5		1153	1130	1077	983	872	603	392	1603	29
KPS6-17/23	23	30	22		1205	1181	1126	1028	912	631	409	1664	30
KPS6-17/24	24	30	22		1258	1233	1175	1072	952	658	427	1724	31
KPS6-17/25	25	30	22		1310	1284	1224	1117	991	686	445	1785	32
KPS6-17/26	26	30	22		1363	1335	1273	1162	1031	713	463	1845	33
KPS6-17/27	27	35	26		1415	1387	1322	1206	1071	740	481	1906	34
KPS6-17/28	28	35	26		1467	1438	1371	1251	1110	768	498	1966	35
KPS6-17/29	29	35	26		1520	1490	1420	1296	1150	795	516	2027	36
KPS6-17/30	30	35	26		1572	1541	1469	1340	1189	823	534	2087	38
KPS6-17/31	31	40	30		1625	1592	1518	1385	1229	850	552	2148	39
KPS6-17/32	32	40	30		1677	1644	1567	1430	1269	878	570	2208	40
KPS6-17/33	33	40	30		1730	1695	1616	1474	1308	905	587	2269	41
KPS6-17/34	34	40	30		1782	1746	1665	1519	1348	932	605	2329	42
KPS6-17/35	35	40	30		1834	1798	1714	1564	1388	960	623	2390	43
KPS6-17/36	36	50	37		1887	1849	1763	1608	1427	987	641	2450	44
KPS6-17/37	37	50	37		1939	1900	1812	1653	1467	1015	658	2511	45
KPS6-17/38	38	50	37		1992	1952	1860	1698	1507	1042	676	2571	46
KPS6-17/39	39	50	37		2044	2003	1909	1742	1546	1069	694	2632	47
KPS6-17/40	40	50	37		2096	2055	1958	1787	1586	1097	712	2692	49
KPS6-17/41	41	50	37		2149	2106	2007	1832	1626	1124	730	2753	50
KPS6-17/42	42	50	37		2201	2157	2056	1877	1665	1152	747	2813	51

3-inch Pump outlet (DN)

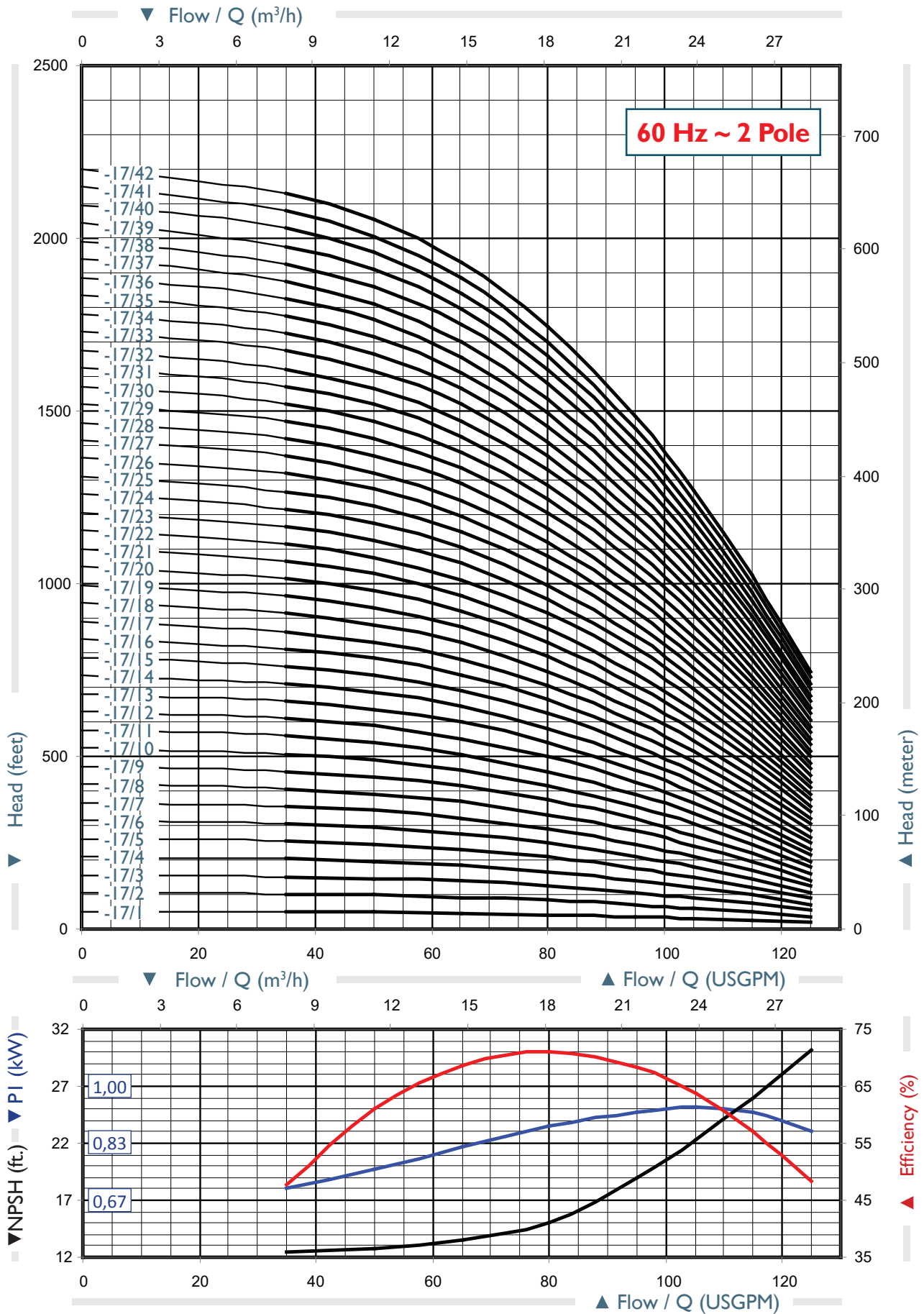
148 MM Outer dia with one (1) cable guard

151 MM Outer dia with two (2) cable guards



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS6-17

FOR 6- INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	30	60	80	100	120	140	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	6,8	13,6	18,2	22,7	27,3	31,8		
KPS6-20/1	1	1,5	1,1	Head in Feet	52	49	46	42	36	28	17	333	6
KPS6-20/2	2	3	2,2		103	99	91	83	73	57	34	393	7
KPS6-20/3	3	4	3		155	148	137	125	109	85	51	454	8
KPS6-20/4	4	5,5	4		206	198	182	167	145	114	69	514	9
KPS6-20/5	5	7,5	5,5		258	247	228	209	181	142	86	575	10
KPS6-20/6	6	7,5	5,5		309	297	273	250	218	171	103	635	11
KPS6-20/7	7	10	7,5		361	346	319	292	254	199	120	696	12
KPS6-20/8	8	10	7,5		412	396	364	334	290	228	137	756	13
KPS6-20/9	9	12,5	9,3		464	445	410	375	327	256	154	817	14
KPS6-20/10	10	12,5	9,3		515	494	456	417	363	285	172	877	16
KPS6-20/11	11	15	11		567	544	501	459	399	313	189	938	17
KPS6-20/12	12	15	11		619	593	547	501	435	342	206	998	18
KPS6-20/13	13	17,5	13		670	643	592	542	472	370	223	1059	19
KPS6-20/14	14	17,5	13		722	692	638	584	508	398	240	1119	20
KPS6-20/15	15	17,5	13		773	742	683	626	544	427	257	1180	21
KPS6-20/16	16	20	15		825	791	729	667	581	455	275	1240	22
KPS6-20/17	17	20	15		876	840	775	709	617	484	292	1301	23
KPS6-20/18	18	25	18,5		928	890	820	751	653	512	309	1361	24
KPS6-20/19	19	25	18,5		979	939	866	793	689	541	326	1422	25
KPS6-20/20	20	25	18,5		1031	989	911	834	726	569	343	1482	27
KPS6-20/21	21	25	18,5		1083	1038	957	876	762	598	360	1543	28
KPS6-20/22	22	30	22		1134	1088	1002	918	798	626	378	1603	29
KPS6-20/23	23	30	22		1186	1137	1048	960	835	655	395	1664	30
KPS6-20/24	24	30	22		1237	1187	1093	1001	871	683	412	1724	31
KPS6-20/25	25	30	22		1289	1236	1139	1043	907	712	429	1785	32
KPS6-20/26	26	35	26		1340	1285	1185	1085	943	740	446	1845	33
KPS6-20/27	27	35	26		1392	1335	1230	1126	980	768	463	1906	34
KPS6-20/28	28	35	26		1443	1384	1276	1168	1016	797	481	1966	35
KPS6-20/29	29	35	26		1495	1434	1321	1210	1052	825	498	2027	36
KPS6-20/30	30	35	26		1546	1483	1367	1252	1089	854	515	2087	38
KPS6-20/31	31	40	30		1598	1533	1412	1293	1125	882	532	2148	39
KPS6-20/32	32	40	30		1650	1582	1458	1335	1161	911	549	2208	40
KPS6-20/33	33	40	30		1701	1631	1503	1377	1197	939	566	2269	41
KPS6-20/34	34	40	30		1753	1681	1549	1418	1234	968	584	2329	42
KPS6-20/35	35	40	30		1804	1730	1595	1460	1270	996	601	2390	43
KPS6-20/36	36	50	37		1856	1780	1640	1502	1306	1025	618	2450	44
KPS6-20/37	37	50	37		1907	1829	1686	1544	1343	1053	635	2511	45
KPS6-20/38	38	50	37		1959	1879	1731	1585	1379	1081	652	2571	46
KPS6-20/39	39	50	37		2010	1928	1777	1627	1415	1110	669	2632	47
KPS6-20/40	40	50	37		2062	1978	1822	1669	1451	1138	687	2692	49
KPS6-20/41	41	50	37		2114	2027	1868	1710	1488	1167	704	2753	50
KPS6-20/42	42	50	37		2165	2076	1914	1752	1524	1195	721	2813	51

3-inch Pump outlet (DN)

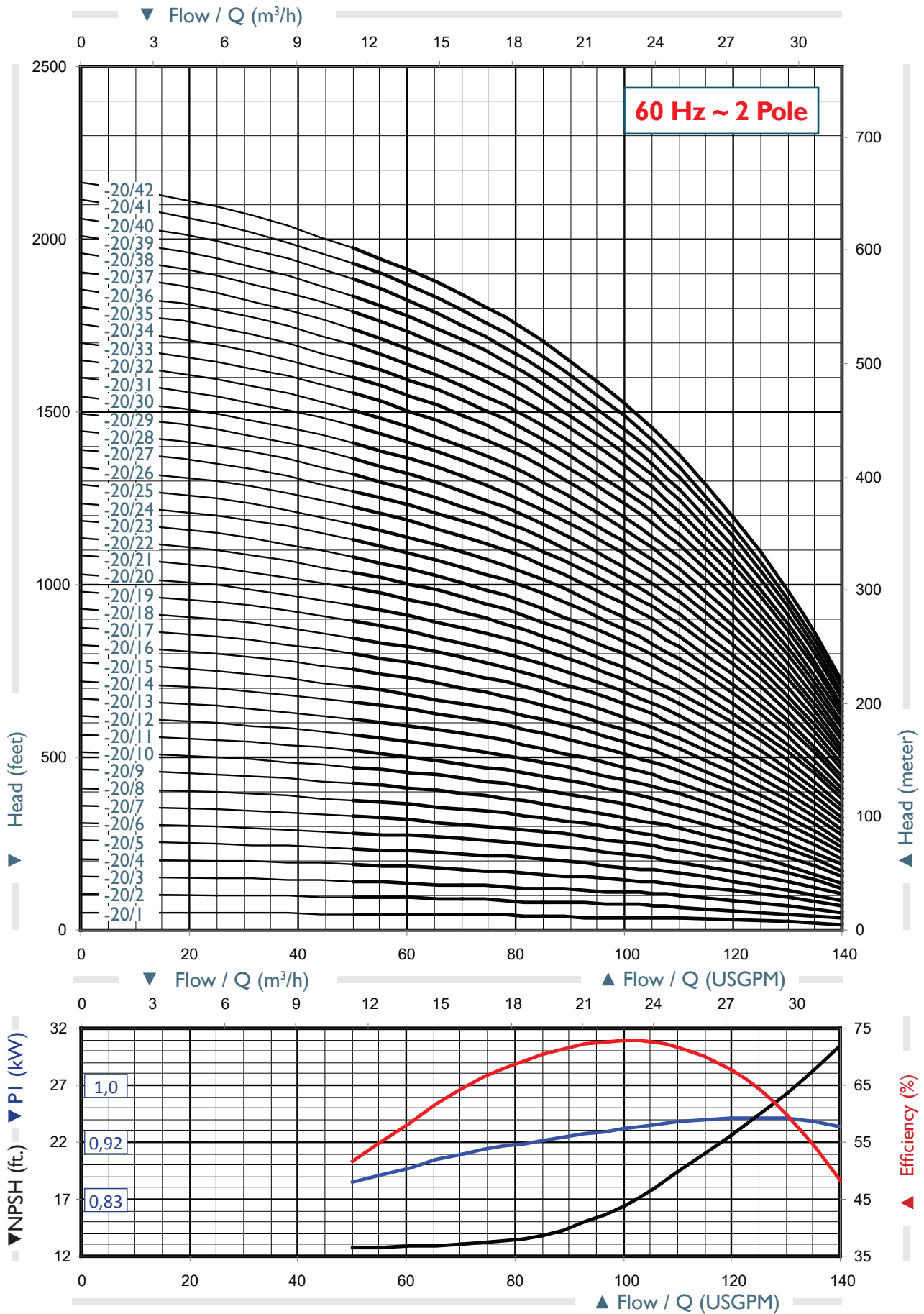
148 MM Outer dia with one (1) cable guard

151 MM Outer dia with two (2) cable guards



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS6-20

FOR 6- INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	40	80	120	160	200	240	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	9,1	18,2	27,3	36,3	45,4	54,5		
KPS6-30/1	1	2	1,5	Head in Feet	52	50	48	44	37	29	17	368	6
KPS6-30/2	2	4	3		104	101	95	87	75	57	33	464	8
KPS6-30/3	3	5,5	4		156	151	143	131	112	86	50	560	10
KPS6-30/4	4	7,5	5,5		208	201	191	174	150	115	67	656	11
KPS6-30/5	5	10	7,5		260	251	238	218	187	144	83	752	13
KPS6-30/6	6	12,5	9,3		312	302	286	262	225	172	100	848	15
KPS6-30/7	7	12,5	9,3		364	352	334	305	262	201	117	944	17
KPS6-30/8	8	15	11		416	402	381	349	300	230	133	1040	18
KPS6-30/9	9	17,5	13		468	453	429	392	337	259	150	1136	20
KPS6-30/10	10	17,5	13		520	503	477	436	375	287	167	1232	22
KPS6-30/11	11	20	15		571	553	524	479	412	316	183	1328	24
KPS6-30/12	12	25	18,5		623	604	572	523	450	345	200	1424	25
KPS6-30/13	13	25	18,5		675	654	620	567	487	374	217	1520	27
KPS6-30/14	14	25	18,5		727	704	667	610	525	402	233	1616	29
KPS6-30/15	15	30	22		779	754	715	654	562	431	250	1712	31
KPS6-30/16	16	30	22		831	805	763	697	600	460	267	1808	32
KPS6-30/17	17	30	22		883	855	810	741	637	489	283	1904	34
KPS6-30/18	18	35	26		935	905	858	785	675	517	300	2000	36
KPS6-30/19	19	35	26		987	956	906	828	712	546	317	2096	38
KPS6-30/20	20	35	26		1039	1006	953	872	750	575	333	2192	39
KPS6-30/21	21	40	30		1091	1056	1001	915	787	604	350	2288	41
KPS6-30/22	22	40	30		1143	1106	1049	959	825	632	366	2384	43
KPS6-30/23	23	40	30		1195	1157	1096	1002	862	661	383	2480	45
KPS6-30/24	24	50	37		1247	1207	1144	1046	900	690	400	2576	46
KPS6-30/25	25	50	37		1299	1257	1192	1090	937	719	416	2672	48
KPS6-30/26	26	50	37		1351	1308	1239	1133	975	747	433	2768	50
KPS6-30/27	27	50	37		1403	1358	1287	1177	1012	776	450	2864	52
KPS6-30/28	28	50	37		1455	1408	1335	1220	1050	805	466	2960	53
KPS6-30/29	29	60	45		1507	1459	1382	1264	1087	833	483	3056	55
KPS6-30/30	30	60	45		1559	1509	1430	1308	1125	862	500	3152	57
KPS6-30/31	31	60	45		1610	1559	1478	1351	1162	891	516	3248	59
KPS6-30/32	32	60	45		1662	1609	1525	1395	1200	920	533	3344	60
KPS6-30/33	33	60	45		1714	1660	1573	1438	1237	948	550	3440	62
KPS6-30/34	34	60	45		1766	1710	1621	1482	1274	977	566	3536	64
KPS6-30/35	35	70	52		1818	1760	1668	1526	1312	1006	583	3632	66
KPS6-30/36	36	70	52		1870	1811	1716	1569	1349	1035	600	3728	67
KPS6-30/37	37	70	52		1922	1861	1764	1613	1387	1063	616	3824	69
KPS6-30/38	38	70	52		1974	1911	1811	1656	1424	1092	633	3920	71
KPS6-30/39	39	70	52		2026	1962	1859	1700	1462	1121	650	4016	73

3-inch Pump outlet (DN)

148 MM Outer dia with one (1) cable guard

151 MM Outer dia with two (2) cable guards

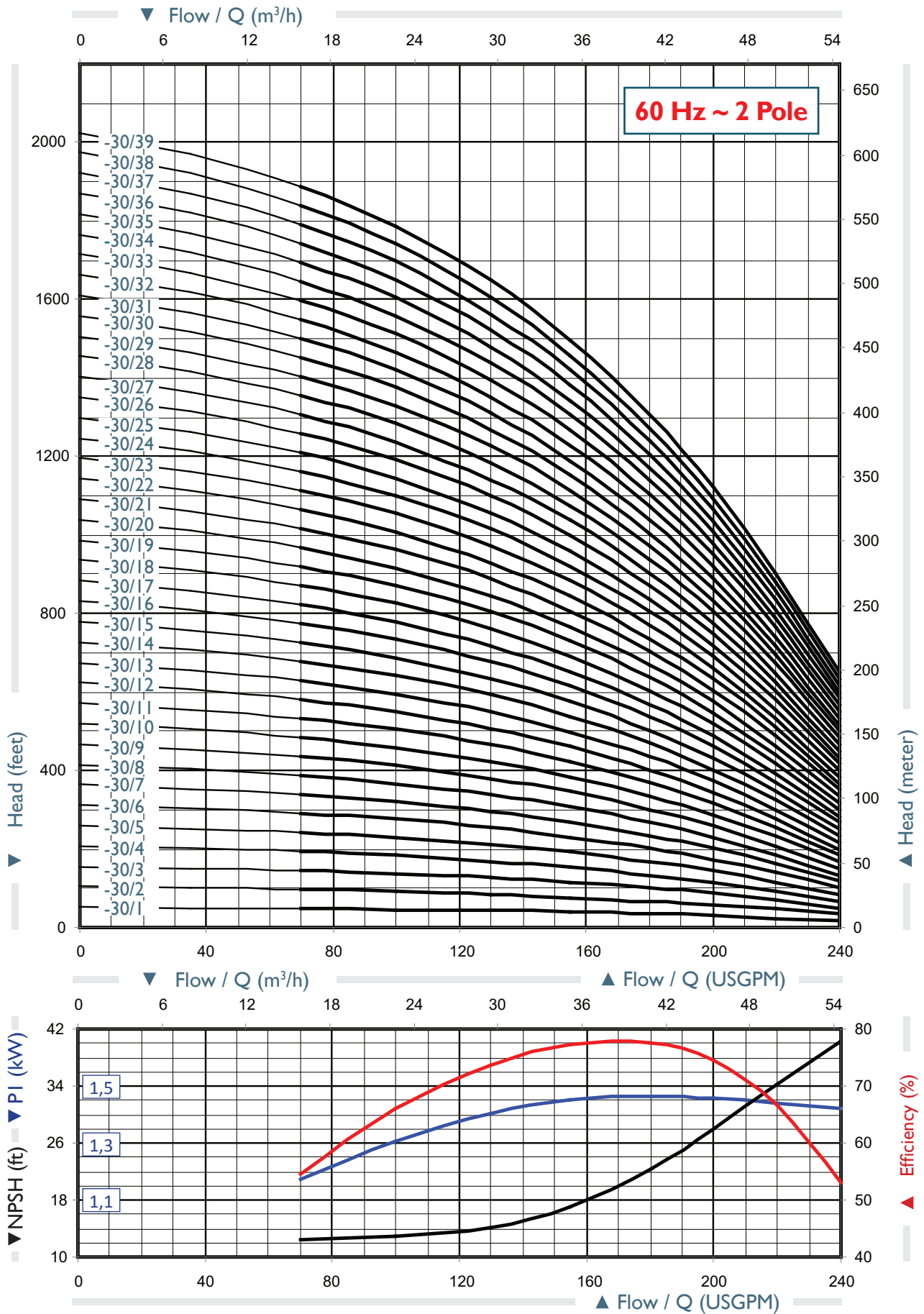
KPS6-30

FOR 6- INCH BORE HOLE



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS6-30

FOR 6- INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	80	140	200	260	320	360	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	18,2	31,8	45,4	59,1	72,7	81,8		
KPS6-50/1	1	3	2,2	Head in Feet	64	59	55	48	39	28	18	385	6
KPS6-50/2	2	7,5	5,5		127	119	109	96	79	56	37	498	9
KPS6-50/3	3	10	7,5		191	178	164	145	118	84	55	611	11
KPS6-50/4	4	12,5	9,3		255	238	219	193	158	112	73	724	13
KPS6-50/5	5	15	11		319	297	273	241	197	140	92	837	15
KPS6-50/6	6	20	15		382	356	328	289	237	167	110	950	17
KPS6-50/7	7	25	18,5		446	416	383	337	276	195	129	1063	19
KPS6-50/8	8	25	18,5		510	475	437	386	316	223	147	1176	21
KPS6-50/9	9	30	22		574	534	492	434	355	251	165	1289	24
KPS6-50/10	10	30	22		637	594	547	482	395	279	184	1402	26
KPS6-50/11	11	35	26		701	653	602	530	434	307	202	1515	28
KPS6-50/12	12	40	30		765	713	656	579	474	335	220	1628	30
KPS6-50/13	13	40	30		829	772	711	627	513	363	239	1741	32
KPS6-50/14	14	50	37		892	831	766	675	553	391	257	1854	34
KPS6-50/15	15	50	37		956	891	820	723	592	419	275	1967	37
KPS6-50/16	16	50	37		1020	950	875	771	631	446	294	2080	39
KPS6-50/17	17	60	45		1084	1010	930	820	671	474	312	2193	41
KPS6-50/18	18	60	45		1147	1069	984	868	710	502	330	2306	43
KPS6-50/19	19	60	45		1211	1128	1039	916	750	530	349	2419	45
KPS6-50/20	20	60	45		1275	1188	1094	964	789	558	367	2532	47
KPS6-50/21	21	70	52		1339	1247	1148	1012	829	586	386	2645	49
KPS6-50/22	22	70	52		1402	1306	1203	1061	868	614	404	2758	52
KPS6-50/23	23	70	52		1466	1366	1258	1109	908	642	422	2871	54

4-inch Pump outlet (DN)

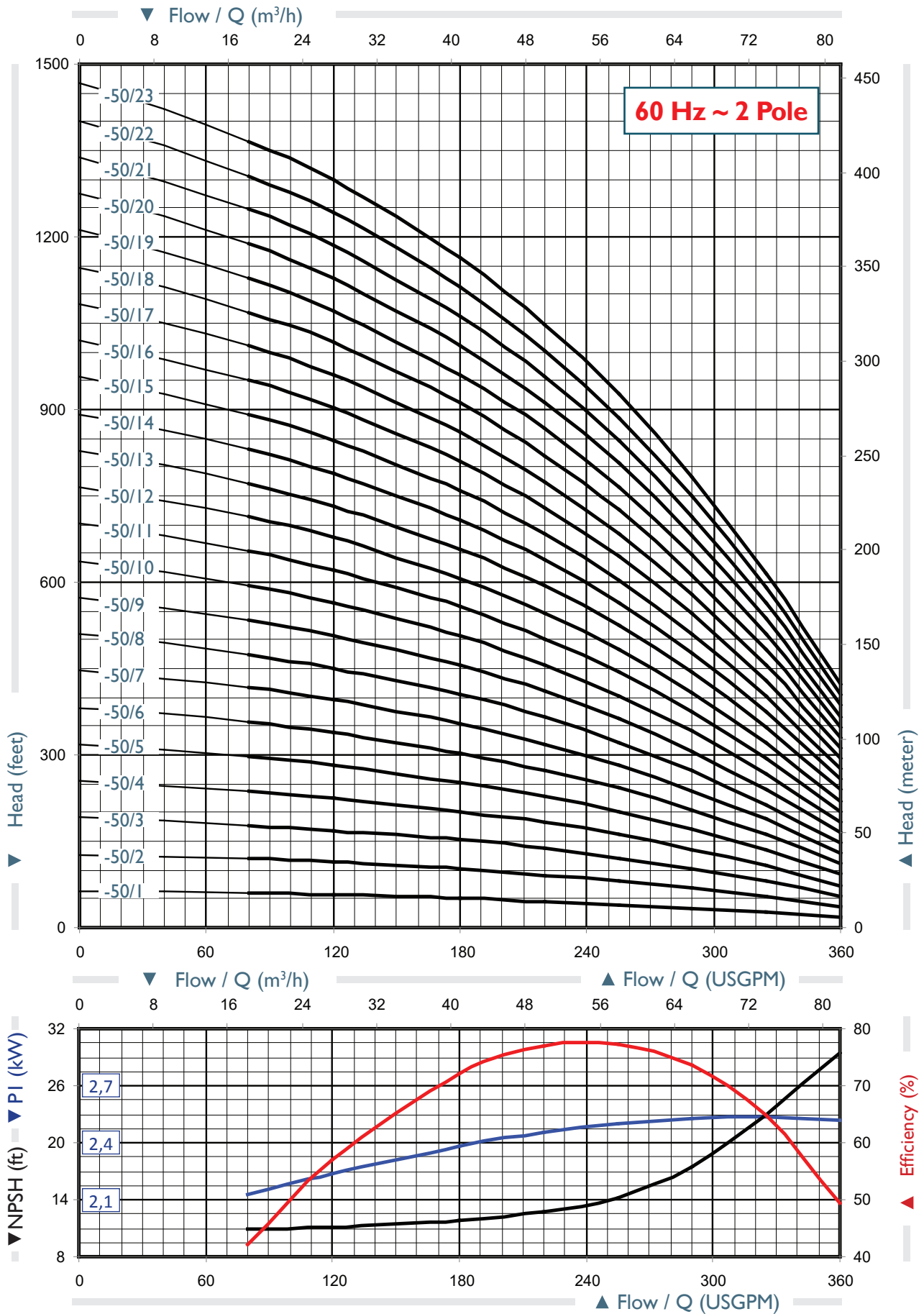
148 MM Outer dia with one (1) cable guard

151 MM Outer dia with two (2) cable guards



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS6-50

FOR 6- INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	110	180	240	300	360	420	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	25	40,9	54,5	68,1	81,8	95,4		
KPS6-60/1	1	4	3	Head in Feet	67	62	56	50	43	33	20	385	6
KPS6-60/2	2	10	7,5		134	124	112	100	85	67	40	498	9
KPS6-60/3	3	12,5	9,3		202	186	168	149	128	100	60	611	11
KPS6-60/4	4	17,5	13		269	249	224	199	171	133	80	724	13
KPS6-60/5	5	20	15		336	311	280	249	213	167	100	837	15
KPS6-60/6	6	25	18,5		403	373	336	299	256	200	120	950	17
KPS6-60/7	7	30	22		471	435	391	349	298	234	140	1063	19
KPS6-60/8	8	35	26		538	497	447	398	341	267	160	1176	21
KPS6-60/9	9	35	26		605	559	503	448	384	300	180	1289	24
KPS6-60/10	10	40	30		672	622	559	498	426	334	200	1402	26
KPS6-60/11	11	50	37		739	684	615	548	469	367	220	1515	28
KPS6-60/12	12	50	37		807	746	671	597	512	400	240	1628	30
KPS6-60/13	13	50	37		874	808	727	647	554	434	260	1741	32
KPS6-60/14	14	60	45		941	870	783	697	597	467	280	1854	34
KPS6-60/15	15	60	45		1008	932	839	747	640	500	300	1967	37
KPS6-60/16	16	70	52		1076	994	895	797	682	534	321	2080	39
KPS6-60/17	17	70	52		1143	1057	951	846	725	567	341	2193	41
KPS6-60/18	18	70	52		1210	1119	1007	896	768	600	361	2306	43

4-inch Pump outlet (DN)

148 MM Outer dia with one (1) cable guard

151 MM Outer dia with two (2) cable guards

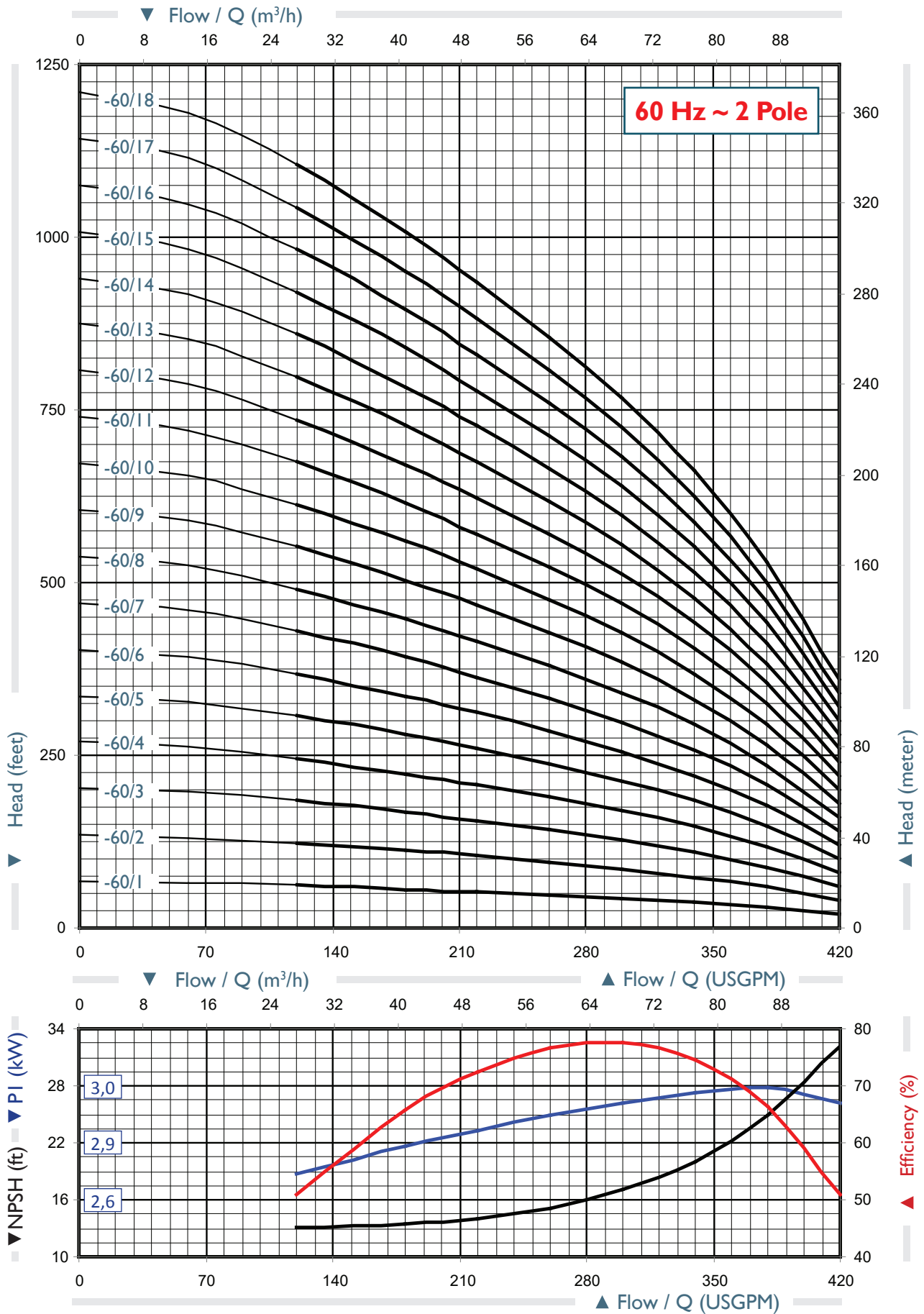
KPS6-60

FOR 6-INCH BORE HOLE



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS6-60

FOR 6- INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	200	300	380	460	540	620	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	45,4	68,1	86,3	104,5	122,6	140,8		
KPS8-80/1	1	10	7,5	Head in Feet	97	83	75	67	57	44	26	550	17
KPS8-80/2	2	17,5	13		195	167	150	135	115	88	52	678	21
KPS8-80/3	3	25	18,5		292	250	225	202	172	132	78	806	25
KPS8-80/4	4	35	26		390	334	300	269	229	177	104	934	28
KPS8-80/5	5	40	30		487	417	376	336	287	221	130	1062	32
KPS8-80/6	6	50	37		584	500	451	404	344	265	156	1190	35
KPS8-80/7	7	60	45		682	584	526	471	401	309	182	1318	39
KPS8-80/8	8	70	52		779	667	601	538	459	353	208	1446	43
KPS8-80/9	9	70	52		877	751	676	605	516	397	234	1574	46
KPS8-80/10	10	80	60		974	834	751	673	573	441	260	1702	50
KPS8-80/11	11	90	67		1071	917	826	740	631	486	286	1830	53
KPS8-80/12	12	100	75		1169	1001	901	807	688	530	312	1958	57
KPS8-80/13	13	100	75		1266	1084	976	874	746	574	338	2086	61
KPS8-80/14	14	110	82		1364	1168	1052	942	803	618	364	2214	64
KPS8-80/15	15	125	93		1461	1251	1127	1009	860	662	390	2342	68
KPS8-80/16	16	125	93		1558	1334	1202	1076	918	706	416	2470	71

5-inch Pump outlet (DN)

198 MM Outer dia with one (1) cable guard

205 MM Outer dia with two (2) cable guards

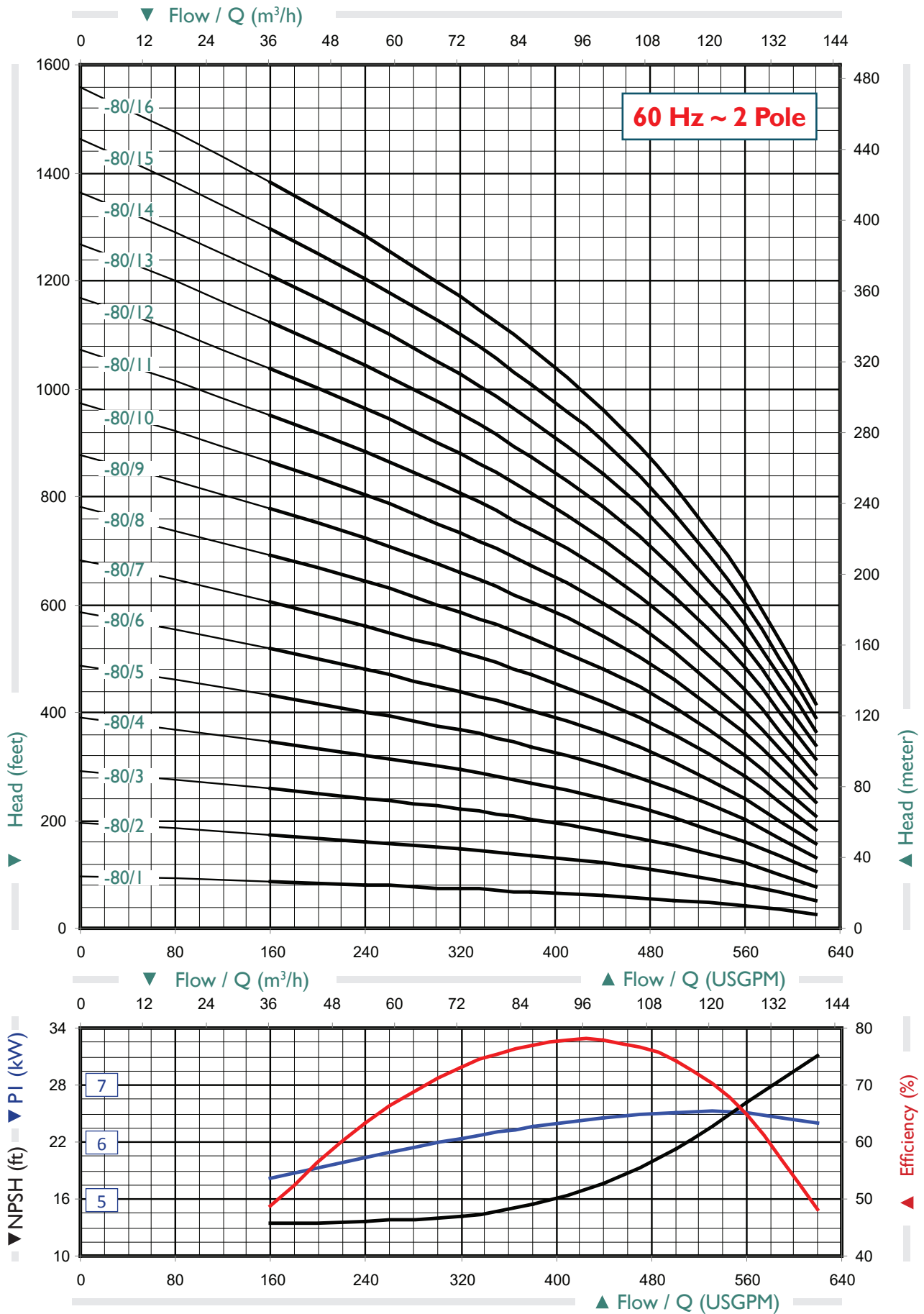
KPS8-80

FOR 8-INCH BORE HOLE



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS8-80

FOR 8-INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (GPM)	0	240	340	440	540	620	700	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	54,5	77,2	99,9	122,6	140,8	159		
KPS8-100/1	1	10	7,5	Head in Feet	100	90	80	70	58	47	31	550	17
KPS8-100/2	2	20	15		200	180	161	140	116	93	63	678	21
KPS8-100/3	3	30	22		300	271	241	209	175	140	94	806	25
KPS8-100/4	4	40	30		401	361	321	279	233	187	125	934	28
KPS8-100/5	5	50	37		501	451	402	349	291	234	157	1062	32
KPS8-100/6	6	60	45		601	541	482	419	349	280	188	1190	35
KPS8-100/7	7	70	52		701	631	562	489	407	327	220	1318	39
KPS8-100/8	8	80	60		801	721	643	559	466	374	251	1446	43
KPS8-100/9	9	90	67		901	812	723	628	524	421	282	1574	46
KPS8-100/10	10	100	75		1001	902	803	698	582	467	314	1702	50
KPS8-100/11	11	110	82		1102	992	884	768	640	514	345	1830	53
KPS8-100/12	12	125	93		1202	1082	964	838	698	561	376	1958	57
KPS8-100/13	13	125	93		1302	1172	1044	908	756	607	408	2086	61
KPS8-100/14	14	150	112		1402	1263	1125	977	815	654	439	2214	64
KPS8-100/15	15	150	112		1502	1353	1205	1047	873	701	471	2342	68

5-inch Pump outlet (DN)

198 MM Outer dia with one (1) cable guard

205 MM Outer dia with two (2) cable guards

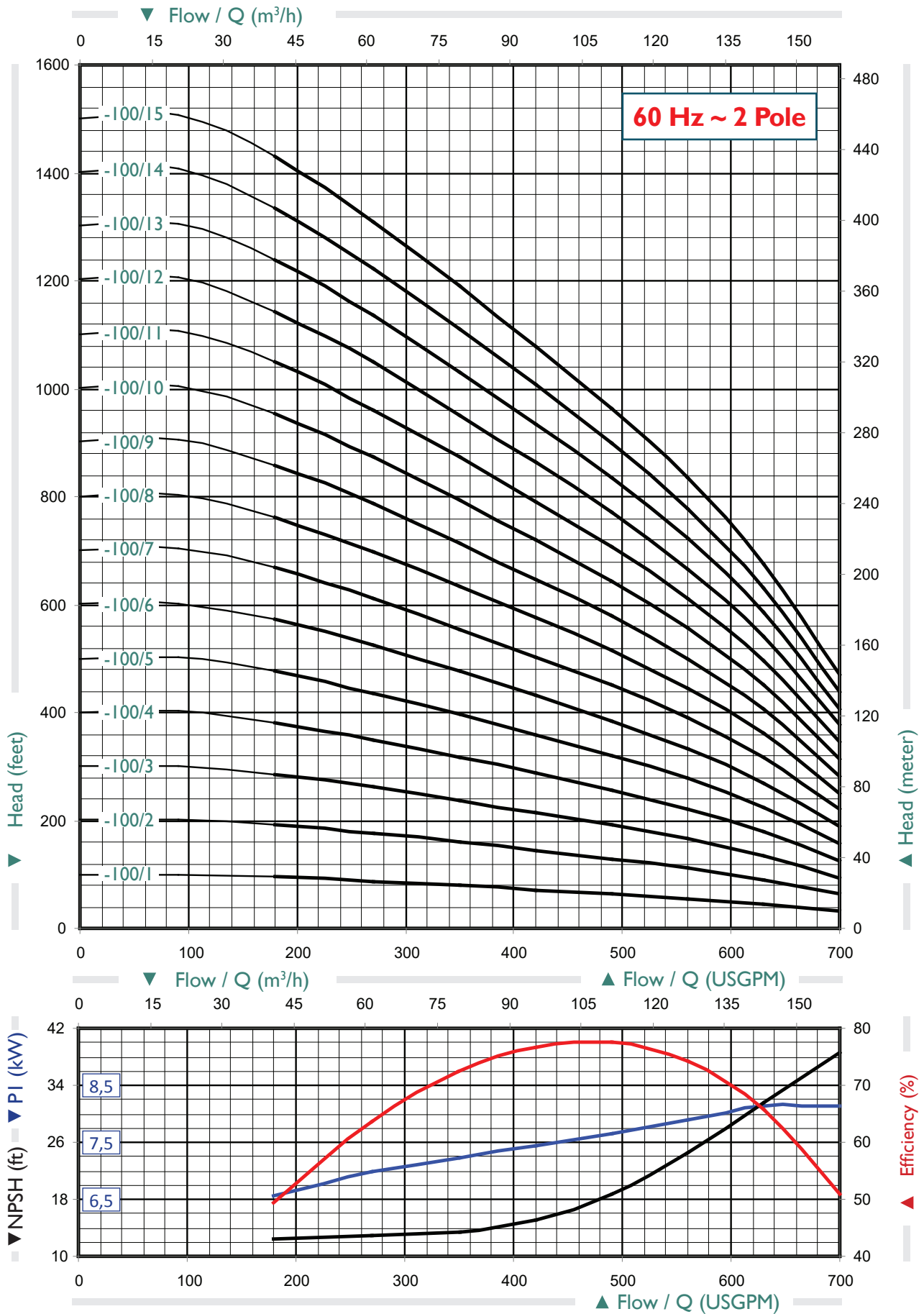
KPS8-100

FOR 8-INCH BORE HOLE



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS8-100

FOR 8-INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 3450 RPM										PUMP	
		MOTOR		Q (LPzM)	0	250	400	550	700	850	970	Lenght (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	56,8	90,8	124,9	159,0	193,1	220,3		
KPS10-125/1	1	20	15	Head in Feet	150	135	123	109	92	70	44	610	27
KPS10-125/2	2	40	30		300	270	245	217	185	140	87	766	33
KPS10-125/3	3	60	45		450	405	368	326	277	210	131	922	40
KPS10-125/4	4	90	67		600	541	490	435	370	280	175	1078	46
KPS10-125/5	5	100	75		750	676	613	544	462	350	218	1234	53
KPS10-125/6	6	125	93		900	811	735	652	554	420	262	1390	59
KPS10-125/7	7	150	110		1050	946	858	761	647	490	306	1546	66
KPS10-125/8	8	175	130		1200	1081	980	870	739	560	350	1702	72
KPS10-125/9	9	175	130		1350	1216	1103	978	832	630	393	1858	79
KPS10-125/10	10	200	150		1500	1352	1225	1087	924	700	437	2014	86
KPS10-125/11	11	250	186		1650	1487	1348	1196	1017	770	481	2170	92

6-inch Pump outlet (DN)

210 MM Outer dia with one (1) cable guard

225 MM Outer dia with two (2) cable guards

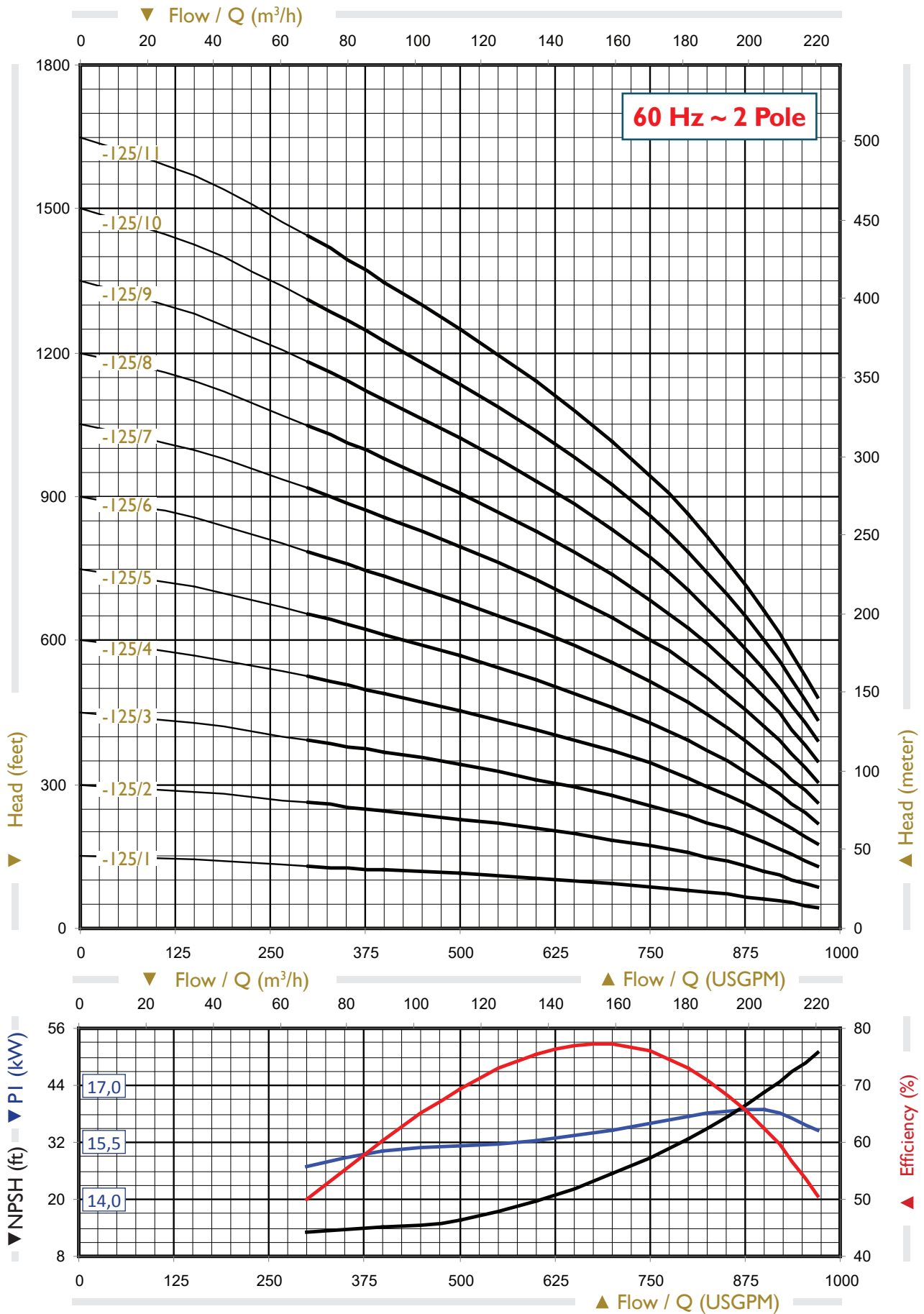
KPS10-125

FOR 10-INCH BORE HOLE



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS10-125

FOR 10- INCH BORE HOLE



60 Hz		PUMP SELECTION CHART - 2-POLE / 2850 RPM										PUMP	
		MOTOR		Q (LPM)	0	250	500	700	900	1050	1180	Length (mm)	Weight (Kg)
PUMP TYPE	Stage	HP	KW	Q (m3h)	0	56,8	113,6	159	204,4	238,5	268		
KPS10-160/1	1	30	22	Head in Feet	163	150	129	114	95	74	45	610	27
KPS10-160/2	2	50	37		325	300	259	227	191	148	90	766	33
KPS10-160/3	3	75	55		488	450	388	341	286	223	136	922	40
KPS10-160/4	4	100	75		650	600	517	454	381	297	181	1078	46
KPS10-160/5	5	125	93		813	750	647	568	476	371	226	1234	53
KPS10-160/6	6	150	112		976	900	776	681	572	445	271	1390	59
KPS10-160/7	7	175	130		1138	1050	905	795	667	520	316	1546	66
KPS10-160/8	8	200	150		1301	1200	1035	908	762	594	361	1702	72
KPS10-160/9	9	250	186		1464	1350	1164	1022	858	668	407	1858	79

6-inch Pump outlet (DN)

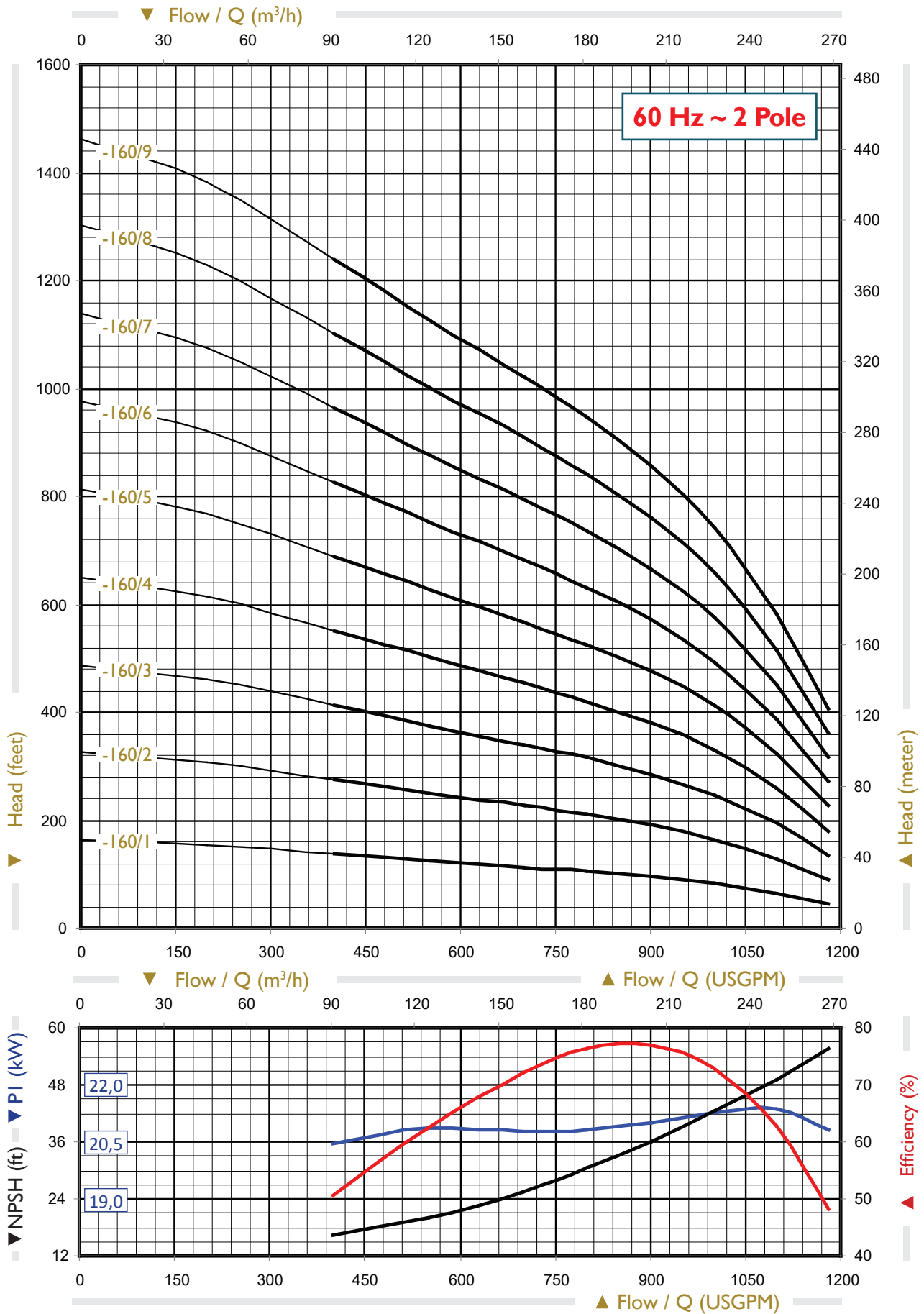
210 MM Outer dia with one (1) cable guard

225 MM Outer dia with two (2) cable guards



Pump Performance Curve

tolerance according to ISO 9906 Annex A



KPS10-160

FOR 10- INCH BORE HOLE



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