

TP 677

Final selection must be confirmed for the actual operating conditions.

Minimum casing (in / mm): 8.03 in / 204 mm | Shaft diameter (in / mm): 1.19 in / 30.2 mm

Operating flow range: 50 Hz - 125-208 m³/h; 60 Hz - 150-250 m³/h

Single-stage characteristics

Frequency / speed	Rated flow Q	Head H	Power N	Efficiency (%)
60 Hz 3500 rpm	200 m³/h 30000 BPD	23 m 75,5 feet	22,4 kW 30,5 HP	75,0
50 Hz 2910 rpm	165 m³/h 24900 BPD	15,9 m 52,2 feet	12,9 kW 17,5 HP	75,0

Compression assembly | 60 Hz / 3500 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
10	230	755	224	305	75,00
15	345	1130	336	457	75,00
18	415	1360	404	549	75,00
20	460	1510	448	609	75,00
22	500	1640	495	673	75,00
25	575	1885	560	762	75,00
30	690	1265†	675	918	75,00

Compression assembly | 50 Hz / 2910 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
10	160	525	129	175	75,00
15	240	785	194	264	75,00
18	285	935	232	316	75,00
20	320	1050	258	351	75,00
22	350	1150	284	386	75,00
25	400	1310	323	439	75,00
30	480	1575	387	526	75,00

† TP 677, 30 stages, 60 Hz: the head values 690 m and 1265 ft are inconsistent. Confirm the head before selection.

TP 740

Final selection must be confirmed for the actual operating conditions.

Minimum casing (in / mm): 8.29 in / 210.5 mm | Shaft diameter (in / mm): 1.65 in / 42 mm

Operating flow range: 50 Hz - 170-290 m³/h; 60 Hz - 210-360 m³/h

Single-stage characteristics

Frequency / speed	Rated flow Q	Head H	Power N	Efficiency (%)
60 Hz 3500 rpm	300 m ³ /h 45000 BPD	16,6 m 54,5 feet	18,7 kW 25,4 HP	73,6
50 Hz 2910 rpm	250 m ³ /h 37700 BPD	11,5 m 37,7 feet	10,7 kW 14,6 HP	73,6

Compression assembly | 60 Hz / 3500 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
15	250	820	281	382	73,6
20	330	1080	374	509	73,6
25	415	1360	468	636	73,6
30	500	1640	561	763	73,6
35	580	1900	655	891	73,6

Compression assembly | 50 Hz / 2910 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
15	170	560	161	219	73,6
20	230	755	214	291	73,6
25	290	950	268	364	73,6
30	345	1130	321	437	73,6
35	400	1310	375	510	73,6
40	460	1510	428	582	73,6
45	515	1690	482	656	73,6

QJ 1047

Final selection must be confirmed for the actual operating conditions.

Minimum casing (in / mm): 13.375 in / 340 mm | Shaft diameter (in / mm): 1.75 in / 44.45 mm

Operating flow range: 50 Hz - 208-455 m³/h; 60 Hz - 250-550 m³/h

Single-stage characteristics

Frequency / speed	Rated flow Q	Head H	Power N	Efficiency (%)
60 Hz 3500 rpm	425 m ³ /h 64000 BPD	56,2 m 184 feet	89,8 kW 122,1 HP	73,5
50 Hz 2910 rpm	350 m ³ /h 52800 BPD	38,8 m 127 feet	51,6 kW 70,2 HP	73,5

Compression assembly | 60 Hz / 3500 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
3	170	555	270	367	73,5
5	280	920	449	611	73,5
6	335	1100	539	733	73,5
8	450	1475	718	976	73,5

Compression assembly | 50 Hz / 2910 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
6	230	755	310	422	73,5
8	310	1020	413	562	73,5
10	390	1280	516	702	73,5
12	465	1525	619	842	73,5

TP 905

Final selection must be confirmed for the actual operating conditions.

Minimum casing (in / mm): 10 in / 255 mm | Shaft diameter (in / mm): 2.05 in / 52 mm

Operating flow range: 50 Hz - 330-520 m³/h; 60 Hz - 400-625 m³/h

Single-stage characteristics

Frequency / speed	Rated flow Q	Head H	Power N	Efficiency (%)
60 Hz 3500 rpm	490 m ³ /h 74000 BPD	38 m 125 feet	52,3 kW 71,1 HP	72,5
50 Hz 2910 rpm	405 m ³ /h 61100 BPD	26,3 m 86,3 feet	30,1kW 40,9 HP	72,5

Compression assembly | 60 Hz / 3500 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
5	190	625	262	356	72,5
6	230	755	314	427	72,5
8	305	1000	418	568	72,5
10	380	1245	523	711	72,5
13	495	1625	680	925	72,5

Compression assembly | 50 Hz / 2910 rpm

Stages	Head H (m)	Head H (ft)	Power N (kW)	Power N (HP)	Efficiency (%)
6	160	525	181	246	72,5
8	210	690	241	328	72,5
10	265	870	301	409	72,5
15	395	1295	452	615	72,5
18	475	1560	541	736	72,5