V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	6	[psi]	87.0	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge temperature	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	68	[l/min]	17.96	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		Spec. Power		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.11	74.48	9.6	12.9	4.57	9.62	76.8	170.3	7.0	9.4
1270	10	2.72	95.95	12.1	16.2	4.46	15.58	76.0	168.9	8.7	11.7
1525	12	3.32	117.39	14.6	19.6	4.40	22.99	75.2	167.4	10.5	14.1
1779	14	3.94	139.28	17.2	23.0	4.35	32.06	74.4	166.0	12.3	16.5
2033	16	4.55	160.58	19.8	26.5	4.35	42.60	73.6	164.5	14.2	19.0
2287	18	5.16	182.26	22.5	30.1	4.35	54.87	72.7	162.9	16.0	21.5
2541	20	5.77	203.84	25.2	33.8	4.36	68.80	71.8	161.3	18.0	24.2
2795	22	6.38	225.38	27.9	37.5	4.38	84.45	70.9	159.7	20.0	26.8
3049	24	6.99	246.89	30.8	41.3	4.40	101.88	70.0	158.0	22.1	29.6
3303	26	7.60	268.39	33.7	45.1	4.43	121.16	69.0	156.2	24.2	32.5
3557	28	8.20	289.48	36.6	49.1	4.46	142.00	68.0	154.5	26.4	35.4
3811	30	8.82	311.37	39.6	53.1	4.49	165.43	67.0	152.6	28.7	38.4
4065	32	9.42	332.70	43.1	57.8	4.58	192.30	65.8	150.4	31.4	42.1
4319	34	10.03	354.28	45.8	61.4	4.57	217.70	64.9	148.8	33.3	44.7
4574	36	10.64	375.68	49.0	65.7	4.61	246.95	63.8	146.8	35.8	48.0
4828	38	11.25	397.12	52.3	70.1	4.65	278.42	62.7	144.8	38.3	51.3
5082	40	11.84	418.16	55.6	74.5	4.70	311.71	61.5	142.7	40.8	54.7
5336	42	12.46	439.85	59.0	79.1	4.74	348.07	60.3	140.5	43.5	58.3
5590	44	13.06	461.21	62.5	83.8	4.78	386.43	59.1	138.3	46.2	62.0

V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	7	[psi]	101.5	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge temperature	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	73	[l/min]	19.28	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		*Spec. Power*		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.10	74.02	10.9	14.7	5.21	10.85	76.5	169.7	8.3	11.1
1270	10	2.70	95.28	13.6	18.2	5.03	17.33	75.7	168.3	10.2	13.7
1525	12	3.31	117.00	16.4	21.9	4.94	25.68	74.8	166.7	12.2	16.4
1779	14	3.93	138.86	19.2	25.8	4.89	35.77	74.0	165.1	14.3	19.2
2033	16	4.54	160.19	22.1	29.7	4.88	47.51	73.1	163.5	16.4	22.1
2287	18	5.15	181.87	25.1	33.6	4.87	61.13	72.1	161.8	18.6	25.0
2541	20	5.76	203.45	28.1	37.6	4.87	76.58	71.2	160.1	20.9	28.0
2795	22	6.36	224.57	31.1	41.7	4.89	93.67	70.2	158.4	23.2	31.1
3049	24	6.97	246.07	34.2	45.9	4.91	112.93	69.2	156.6	25.5	34.2
3303	26	7.58	267.58	37.4	50.2	4.94	134.21	68.2	154.8	27.9	37.5
3557	28	8.20	289.48	40.7	54.5	4.96	157.89	67.1	152.9	30.4	40.8
3811	30	8.81	310.95	44.0	59.0	4.99	183.38	66.1	151.0	33.0	44.2
4065	32	9.41	332.42	47.3	63.5	5.03	211.05	65.0	148.9	35.6	47.7
4319	34	10.02	353.86	50.8	68.1	5.07	240.94	63.9	146.9	38.2	51.3
4574	36	10.63	375.29	54.3	72.8	5.11	273.15	62.7	144.8	41.0	55.0
4828	38	11.23	396.69	57.8	77.6	5.15	307.71	61.5	142.7	43.8	58.7
5082	40	11.84	418.09	61.5	82.4	5.19	344.70	60.3	140.5	46.7	62.6
5336	42	12.44	439.46	65.2	87.4	5.24	384.16	59.1	138.3	49.6	66.5
5590	44	13.05	460.83	69.0	92.5	5.29	426.19	57.8	136.0	52.6	70.5

V150 Screw Compressor

Technical Data

Medium				Air			
Relative Humidity		φ	[%]	60			
Suction pressure (abs.)		P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)		P_2	[bar]	8	[psi]	116.0	
Suction temperature		t_1	[℃]	20	[℉]	68	
Discharge temperature		t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	78	[l/min]	20.61	[gpm]		

n_{MR}	u_{MR}	V_1		P_{Coup}		*Spec. Power*		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.09	73.84	12.0	16.2	5.76	11.93	76.3	169.3	9.4	12.6
1270	10	2.70	95.24	15.1	20.2	5.59	19.27	75.4	167.7	11.7	15.7
1525	12	3.31	116.72	18.2	24.4	5.50	28.43	74.5	166.0	14.0	18.8
1779	14	3.92	138.58	21.3	28.6	5.43	39.57	73.5	164.4	16.4	22.0
2033	16	4.52	159.73	24.5	32.8	5.41	52.40	72.6	162.6	18.8	25.2
2287	18	5.14	181.59	27.7	37.2	5.39	67.54	71.6	160.9	21.3	28.5
2541	20	5.75	203.17	31.0	41.6	5.40	84.56	70.6	159.1	23.8	32.0
2795	22	6.36	224.71	34.4	46.1	5.41	103.65	69.6	157.2	26.4	35.4
3049	24	6.97	246.22	37.8	50.7	5.42	124.85	68.5	155.3	29.0	39.0
3303	26	7.58	267.62	41.6	55.8	5.50	149.46	67.3	153.1	32.1	43.1
3557	28	8.19	289.23	44.8	60.1	5.48	173.90	66.4	151.4	34.5	46.3
3811	30	8.80	310.70	48.4	65.0	5.51	201.84	65.2	149.4	37.4	50.1
4065	32	9.41	332.14	52.1	69.9	5.54	232.12	64.1	147.3	40.3	54.0
4319	34	10.01	353.57	55.9	74.9	5.58	264.83	62.9	145.2	43.3	58.1
4574	36	10.62	375.01	59.7	80.0	5.62	300.05	61.7	143.1	46.3	62.1
4828	38	11.23	396.41	63.5	85.2	5.66	337.79	60.5	140.9	49.4	66.3
5082	40	11.83	417.81	67.5	90.5	5.71	378.16	59.2	138.6	52.6	70.5
5336	42	12.44	439.18	71.5	95.9	5.75	421.20	57.9	136.3	55.8	74.9
5590	44	13.04	460.54	75.6	101.4	5.80	467.01	56.6	133.9	59.2	79.4

V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	9	[psi]	130.5	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge temperature	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	83	[l/min]	21.93	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		*Spec. Power*		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.09	73.67	13.4	17.9	6.40	13.19	76.0	168.8	10.7	14.4
1270	10	2.69	94.86	16.6	22.2	6.17	21.10	75.1	167.2	13.2	17.7
1525	12	3.30	116.61	20.0	26.8	6.05	31.25	74.1	165.4	15.8	21.2
1779	14	3.92	138.47	23.4	31.4	5.97	43.48	73.1	163.7	18.5	24.8
2033	16	4.53	160.05	26.9	36.1	5.94	57.76	72.1	161.8	21.2	28.4
2287	18	5.14	181.55	30.5	40.8	5.93	74.15	71.1	160.0	24.0	32.1
2541	20	5.75	202.99	34.3	46.1	5.97	93.48	69.9	157.9	27.1	36.3
2795	22	6.36	224.67	37.7	50.6	5.93	113.68	69.0	156.2	29.7	39.8
3049	24	6.96	245.76	41.4	55.6	5.95	136.53	67.9	154.2	32.6	43.8
3303	26	7.58	267.69	45.2	60.7	5.97	162.42	66.8	152.2	35.6	47.8
3557	28	8.19	289.16	49.1	65.8	6.00	190.39	65.6	150.1	38.7	51.9
3811	30	8.80	310.63	53.0	71.1	6.03	220.86	64.4	148.0	41.9	56.2
4065	32	9.40	332.10	57.0	76.5	6.06	253.90	63.2	145.8	45.1	60.5
4319	34	10.01	353.54	61.1	81.9	6.10	289.53	62.0	143.6	48.4	64.9
4574	36	10.62	374.97	65.2	87.4	6.14	327.86	60.8	141.4	51.7	69.4
4828	38	11.22	396.38	69.4	93.1	6.18	368.92	59.5	139.1	55.2	74.0
5082	40	11.83	417.78	73.7	98.8	6.23	412.81	58.2	136.8	58.7	78.7
5336	42	12.43	439.04	78.5	105.2	6.31	462.08	56.7	134.1	62.7	84.1
5590	44	13.04	460.47	82.5	110.6	6.33	509.26	55.5	132.0	65.9	88.3

V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	10	[psi]	145.0	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge temperature	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	88	[l/min]	23.25	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		Spec. Power		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.19	77.45	15.0	20.1	6.82	15.53	75.7	168.3	12.2	16.3
1270	10	2.69	94.89	18.1	24.3	6.74	23.04	74.9	166.8	14.7	19.7
1525	12	3.30	116.47	21.8	29.3	6.62	34.09	73.8	164.9	17.6	23.7
1779	14	3.92	138.36	25.6	34.3	6.52	47.43	72.8	163.0	20.6	27.6
2033	16	4.53	159.98	29.4	39.4	6.48	62.99	71.7	161.1	23.6	31.6
2287	18	5.14	181.52	33.2	44.6	6.46	80.87	70.7	159.2	26.7	35.8
2541	20	5.75	203.10	37.1	49.8	6.46	101.15	69.6	157.2	29.8	40.0
2795	22	6.36	224.64	41.1	55.1	6.46	123.87	68.4	155.2	33.0	44.3
3049	24	6.97	246.18	45.2	60.6	6.48	149.09	67.3	153.1	36.3	48.7
3303	26	7.58	267.69	49.3	66.1	6.50	176.86	66.1	151.0	39.6	53.2
3557	28	8.19	289.19	53.4	71.7	6.53	207.27	64.9	148.9	43.0	57.7
3811	30	8.80	310.67	57.7	77.4	6.56	240.35	63.7	146.7	46.5	62.3
4065	32	9.41	332.14	62.0	83.2	6.59	276.19	62.5	144.4	50.1	67.1
4319	34	10.01	353.57	66.4	89.0	6.63	314.83	61.2	142.2	53.6	71.9
4574	36	10.62	375.01	70.9	95.0	6.67	356.36	59.9	139.9	57.3	76.8
4828	38	11.22	396.09	75.4	101.1	6.72	400.40	58.6	137.5	61.1	81.9
5082	40	11.82	417.49	80.0	107.3	6.77	447.89	57.3	135.1	65.0	87.1
5336	42	12.44	439.18	84.7	113.6	6.81	498.95	55.9	132.6	68.8	92.3
5590	44	13.04	460.44	89.9	120.6	6.90	555.38	54.3	129.8	73.3	98.3

V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	11	[psi]	159.5	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge temperature	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	92	[l/min]	24.30	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		Spec. Power		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.07	72.96	15.7	21.1	7.61	15.39	75.6	101.4	13.1	17.5
1270	10	2.68	94.54	19.7	26.4	7.34	24.92	74.6	100.0	16.2	21.7
1525	12	3.29	116.22	23.7	31.7	7.19	36.88	73.5	98.5	19.5	26.1
1779	14	3.91	138.19	27.7	37.2	7.08	51.36	72.4	97.1	22.7	30.4
2033	16	4.52	159.48	31.8	42.7	7.04	68.03	71.3	95.6	26.0	34.9
2287	18	5.14	181.52	36.0	48.3	7.01	87.65	70.1	94.1	29.5	39.5
2541	20	5.74	202.74	40.2	53.9	7.01	109.35	69.0	92.5	32.9	44.1
2795	22	6.36	224.74	44.5	59.7	7.00	134.26	67.8	90.9	36.4	48.8
3049	24	6.97	246.29	48.9	65.6	7.01	161.55	66.6	89.3	40.0	53.7
3303	26	7.58	267.83	53.4	71.5	7.03	191.61	65.4	87.7	43.6	58.5
3557	28	8.19	289.37	57.9	77.6	7.06	224.51	64.1	86.0	47.4	63.5
3811	30	8.80	310.84	62.4	83.7	7.09	260.26	62.9	84.3	51.2	68.6
4065	32	9.41	332.35	67.1	90.0	7.13	299.00	61.6	82.6	55.1	73.8
4319	34	10.02	353.79	71.8	96.3	7.17	340.72	60.3	80.8	59.0	79.1
4574	36	10.63	375.22	76.6	102.8	7.21	385.57	58.9	79.0	63.0	84.5
4828	38	11.23	396.66	81.5	109.3	7.26	433.59	57.5	77.1	67.1	90.0
5082	40	11.84	417.95	86.9	116.6	7.35	487.28	56.0	75.0	71.8	96.3
5336	42	12.44	439.42	91.5	122.7	7.36	539.39	54.7	73.3	75.6	101.4
5590	44	13.05	460.79	96.7	129.6	7.41	597.35	53.2	71.4	79.9	107.1

V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	12	[psi]	174.0	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge temperature	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	96	[l/min]	25.36	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		*Spec. Power*		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.05	72.22	16.9	22.7	8.27	16.37	75.4	167.8	14.2	19.1
1270	10	2.66	93.83	21.1	28.4	7.96	26.61	74.3	165.8	17.7	23.7
1525	12	3.27	115.59	25.5	34.2	7.79	39.49	73.2	163.7	21.2	28.5
1779	14	3.90	137.80	29.8	40.0	7.65	55.12	72.0	161.7	24.8	33.3
2033	16	4.52	159.62	34.3	46.0	7.59	73.42	70.9	159.5	28.5	38.2
2287	18	5.13	180.99	38.8	52.0	7.57	94.11	69.7	157.4	32.2	43.2
2541	20	5.75	202.99	43.7	58.5	7.59	118.83	68.4	155.0	36.3	48.6
2795	22	6.37	224.82	48.0	64.4	7.54	144.70	67.2	153.0	39.8	53.4
3049	24	6.98	246.43	52.7	70.7	7.55	174.14	66.0	150.8	43.7	58.6
3303	26	7.59	268.04	57.5	77.1	7.57	206.57	64.7	148.5	47.7	63.9
3557	28	8.20	289.62	62.3	83.6	7.60	242.00	63.4	146.1	51.7	69.4
3811	30	8.81	311.16	67.2	90.2	7.63	280.54	62.1	143.7	55.9	75.0
4065	32	9.42	332.70	72.5	97.2	7.69	323.32	60.6	141.1	60.3	80.9
4319	34	10.03	354.14	77.3	103.7	7.71	367.19	59.3	138.8	64.4	86.4
4574	36	10.64	375.65	82.7	111.0	7.78	416.81	57.8	136.1	69.1	92.6
4828	38	11.24	397.05	87.7	117.6	7.80	467.08	56.5	133.7	73.2	98.2
5082	40	11.85	418.52	93.4	125.2	7.88	523.91	55.0	130.9	78.0	104.6
5336	42	12.45	439.78	98.9	132.7	7.95	583.53	53.4	128.1	82.9	111.1
5590	44	13.06	461.21	104.0	139.4	7.96	643.01	52.1	125.7	87.0	116.7

V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	13	[psi]	188.5	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge temperature	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	100	[l/min]	26.42	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		*Spec. Power*		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	2.00	70.77	18.0	24.1	8.96	17.04	75.3	167.5	15.3	20.6
1270	10	2.61	92.28	22.6	30.3	8.64	27.94	74.1	165.4	19.2	25.7
1525	12	3.24	114.28	27.2	36.5	8.40	41.66	72.9	163.3	23.0	30.8
1779	14	3.87	136.77	31.9	42.8	8.25	58.58	71.7	161.1	26.9	36.1
2033	16	4.50	158.78	36.9	49.5	8.21	78.57	70.4	158.8	31.1	41.7
2287	18	5.12	180.92	41.6	55.7	8.11	100.85	69.2	156.6	34.9	46.9
2541	20	5.73	202.43	46.4	62.3	8.10	126.07	68.0	154.3	39.0	52.3
2795	22	6.36	224.71	51.4	69.0	8.09	155.02	66.7	152.0	43.2	57.9
3049	24	6.98	246.46	56.5	75.7	8.09	186.68	65.4	149.7	47.5	63.6
3303	26	7.59	268.15	61.6	82.6	8.11	221.49	64.0	147.3	51.8	69.4
3557	28	8.21	289.83	67.0	89.9	8.17	260.49	62.6	144.7	56.4	75.6
3811	30	8.82	311.44	72.1	96.6	8.17	300.99	61.3	142.4	60.6	81.3
4065	32	9.43	333.06	77.7	104.2	8.24	346.95	59.8	139.7	65.4	87.7
4319	34	10.04	354.56	82.9	111.2	8.26	394.30	58.4	137.2	70.0	93.8
4574	36	10.65	376.10	88.7	118.9	8.33	447.27	56.9	134.5	74.9	100.4
4828	38	11.25	397.22	94.1	126.1	8.36	500.99	55.5	131.9	79.5	106.6
5082	40	11.87	419.05	100.0	134.1	8.43	562.12	53.9	129.1	84.6	113.5
5336	42	12.47	440.45	105.6	141.6	8.47	623.58	52.5	126.4	89.3	119.8
5590	44	13.08	461.88	111.8	149.9	8.54	692.17	50.8	123.5	94.7	127.0

V150 Screw Compressor

Technical Data

Medium			Air			
Relative Humidity	φ	[%]	60			
Suction pressure (abs.)	P_1	[bar]	1	[psi]	14.5	
Discharge pressure (abs.)	P_2	[bar]	14	[psi]	203.1	
Suction temperature	t_1	[℃]	20	[℉]	68	
Discharge pressure	t_2	[℃]	80	[℉]	176	
Oil Flow rate	±10%	104	[l/min]	27.47	[gpm]	

n_{MR}	u_{MR}	V_1		P_{Coup}		*Spec. Power*		$t_{Oil\ injec.}$		Q_{oil}	
[rpm]	[m/s]	[m3/min]	[cfm]	[kW]	[hp]	[kW/m3/min]	[(hp/100)*cfm]	[℃]	[℉]	[kW]	[hp]
1016	8	1.79	63.28	18.4	24.7	10.29	15.65	75.2	167.4	16.1	21.5
1270	10	2.50	88.43	23.6	31.6	9.42	27.96	74.0	165.2	20.3	27.2
1525	12	3.16	111.52	28.7	38.5	9.09	42.94	72.7	162.9	24.6	33.0
1779	14	3.81	134.44	33.9	45.5	8.91	61.13	71.4	160.6	28.9	38.8
2033	16	4.45	157.29	39.0	52.3	8.76	82.27	70.2	158.3	33.2	44.5
2287	18	5.09	179.75	44.3	59.4	8.70	106.71	68.9	155.9	37.6	50.5
2541	20	5.72	202.00	49.5	66.4	8.65	134.04	67.5	153.6	42.0	56.4
2795	22	6.35	224.07	54.8	73.5	8.64	164.80	66.2	151.2	46.5	62.4
3049	24	6.97	246.07	60.2	80.8	8.65	198.77	64.8	148.7	51.2	68.7
3303	26	7.59	267.97	65.7	88.1	8.66	236.10	63.5	146.2	55.8	74.9
3557	28	8.21	289.76	71.5	95.9	8.72	277.87	62.0	143.5	60.8	81.6
3811	30	8.82	311.55	77.0	103.2	8.72	321.52	60.6	141.1	65.4	87.7
4065	32	9.43	333.13	83.3	111.8	8.84	372.34	59.0	138.1	71.0	95.3
4319	34	10.05	354.88	88.5	118.7	8.81	421.11	57.7	135.8	75.3	101.0
4574	36	10.65	376.14	94.6	126.9	8.88	477.25	56.1	133.0	80.7	108.2
4828	38	11.27	398.07	100.4	134.6	8.91	535.85	54.6	130.3	85.7	114.9
5082	40	11.88	419.65	106.8	143.2	8.98	600.76	53.0	127.4	91.2	122.3
5336	42	12.49	441.12	112.7	151.1	9.02	666.41	51.5	124.6	96.3	129.2
5590	44	13.10	462.63	119.3	159.9	9.10	739.86	49.7	121.5	102.1	137.0