

Fig.1

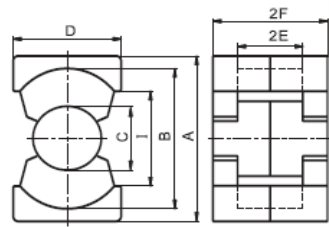


Fig.2

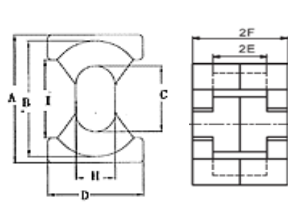


Fig. 3

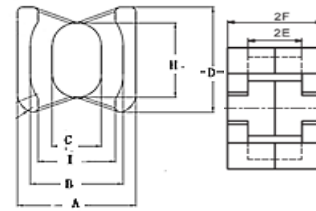


Fig. 4

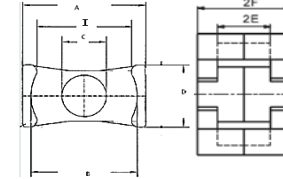


Fig. 5



Fig. 6

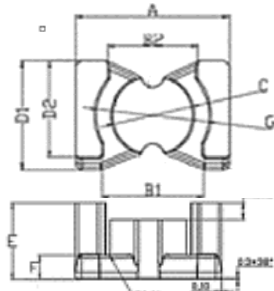


Fig. 7

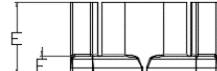


Fig. 8

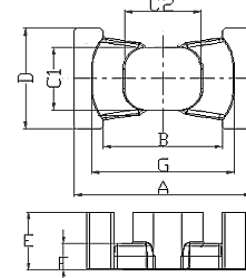
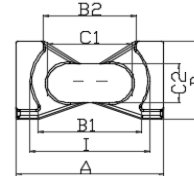


Fig. 9

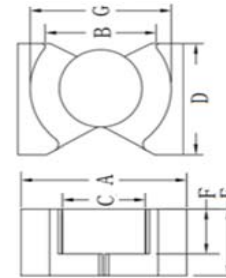


Fig. 10

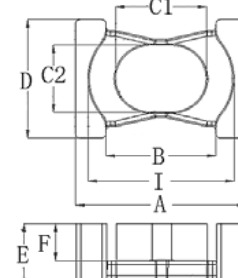


Fig. 11

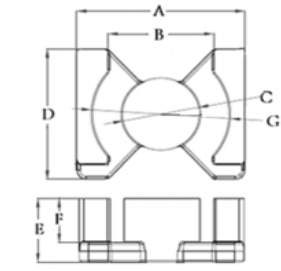


Fig.12

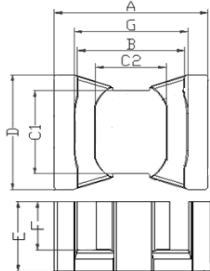


Fig.13

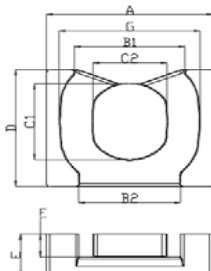


Fig.14

PQ型

尺寸Dim 型号 Type	图形 Fig.	A (mm)	B (mm)	C (mm)	D (mm)	2E (mm)	2F (mm)	I (mm)	H (mm)	C ₁ (mm ⁻¹)	Le (mm)	Ae (mm ²)	Ve (mm ³)
PQ17.4	2	17.4±0.35	15MIN	8.4±0.2	14±0.25	18.4±0.3	24.2±0.2	9.7±0.5	—	0.85	50.67	59.61	3020.38
PQ19.9	3	19.9±0.4	17.2MIN	10.2±0.25	14.1±0.3	22MIN	28±0.3	12MIN	6.8±0.2	0.576	34.58	59.42	2076.70
PQ20/7	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	2.1±0.2	7.1±0.2	12MIN	—	0.39	23.00	57.80	1329.40
PQ20/8	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	2.44MIN	8.2±0.08	12MIN	—	0.33	21.70	65.30	1417.01
PQ20/9A	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	3.7±0.3	9.3±0.3	12MIN	—	0.37	24.30	65.20	1584.36
PQ20/10	2	20.9±0.8	18±0.4	8.8±0.2	14.0±0.4	4.42±0.25	10.1±0.2	12MIN	—	0.42	27.60	64.90	1791.24
PQ20/10B	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	4.0±0.3	9.6±0.2	12MIN	—	0.43	24.60	64.30	1581.78
PQ20/10C	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	4.82±0.25	10.5±0.2	12MIN	—	0.46	29.00	62.80	1821.20
PQ20/14	2		18±0.4	8.8±0.2	14.0±0.4	8.3±0.3	14.2±0.2	12MIN	—	0.57	36.10	63.90	2306.79

PQ20/16	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	10.3±0.3	16.2±0.2	12MIN	—	0.61	37.40	62.00	2318.80
PQ20/16A	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	10.6±0.3	16.5±0.2	12MIN	—	0.61	37.82	62.00	2356.00
PQ20/16B	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	4.3±0.3	10.2±0.2	12MIN	—	0.41	25.40	62.00	1574.80
PQ20/16B1	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	4.0±0.2	9.9±0.3	12MIN	—	0.40	24.80	62.00	1537.60
PQ20/16B2	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	10.5±0.2	16.4±0.2	12MIN	—	0.64	40.60	63.20	2565.92
PQ20/16C	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	3.8±0.3	9.7±0.2	12MIN	—	0.39	24.40	62.00	1512.80
PQ20/16D	2	20.5±0.4	18±0.2	8.8±0.2	14.0±0.4	5.1±0.3	10.8±0.2	12MIN	—	0.44	27.00	62.00	1674.00
PQ20/17	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	11.0±0.4	17.4±0.4	12MIN	—	0.63	39.20	62.00	1430.40
PQ20/18	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	12.3+0.3/-0.2	18.2±0.2	12MIN	—	0.69	44.10	64.00	2822.40
PQ20/19	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	13.0+0.4	19.0+0.4	12.0MIN	—	0.67	43.20	64.30	2777.76
PQ20/19A	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	13.1+0.4	19.1-0.4	12.0MIN	—	0.62	41.75	67.18	2804.77
PQ20/19B	2	20.5±0.5	18±0.4	8.8±0.2	14.0±0.4	13.0±0.2	19.0±0.2	12.0MIN	—	0.67	44.80	67.00	3001.60
PQ20/20	2	20.5±0.4	18±0.4	8.8±0.2	14.0±0.4	14.3±0.3	20.2±0.2	12.0MIN	—	0.74	45.40	62.00	2814.80
PQ20.9	2	20.9±0.35	18±0.35	8.8±0.2	14±0.4	4.4±0.3	10.1±0.1	12MIN	—	0.409	25.35	62.00	1571.70
PQ21.5	2	21.5±0.4	18.4MIN	8.8±0.2	14.0±0.4	14.3±0.3	20.2±0.2	12.0MIN	—	0.707	45.61	64.45	2939.92
PQ26/8	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	3.2±0.3	8.0±0.3	15.5MIN	—	0.28	24.90	88.40	2201.16
PQ26/10	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	2.8±0.25	10.0±0.25	15.5MIN	—	0.25	28.80	115.30	3320.64
PQ26/11	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	3.8±0.3	11.0±0.25	15.5MIN	—	0.27	30.80	115.90	3569.72
PQ26/11A	2	26.5±0.5	22.5±0.5	12.0±0.2	19.0±0.5	5.6±0.2	11.0±0.5	15.5MIN	—	0.33	31.60	97.20	3071.52
PQ26/12.4A	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	2.0±0.1	6.2±0.1	15.5MIN	—	0.25	32.20	127.30	4099.06
PQ26/12.7	2	26.5±0.4	21.2±0.4	10.4±0.25	16.0±0.3	3.6±0.15	6.35±0.15	15.5MIN	—	0.41	35.34	86.18	3045.60
PQ26/13	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.45	5.8±0.25	13.0±0.25	15.5MIN	—	0.30	34.60	117.00	4048.20
PQ26/15A	2	26.5±0.5	22.5±0.5	12.0±0.2	19±0.5	6.4±0.2	15.0±0.3	15.5MIN	—	0.28	36.80	129.40	4761.92
PQ26/16	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.45	7.3+0.6	16.0-0.5	15.5MIN	—	0.31	39.10	125.40	4803.14
PQ26/16A	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.45	8.8±0.25	16.0±0.25	15.5MIN	—	0.34	40.50	118.20	4787.10
PQ26/17	2	26.5±0.45	22.5±0.45	12.2-0.4	19±0.45	8.1+0.6	16.8-0.5	15.5MIN	—	0.32	40.60	125.50	5095.30
PQ26/17A	2	26.95-0.9	22.05+0.9	12.2-0.4	19.45-0.9	7.8+0.4	16.9-0.4	15.5MIN	—	0.31	40.30	129.20	5206.76
PQ26/18	2	26.5±0.45	22.5±0.45	12.2-0.4	19±0.45	8.6+0.6	18.0-0.5	15.5MIN	—	0.31	41.40	133.70	5535.18
PQ26/18A	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.45	9.85±0.3	18.5±0.25	15.5MIN	—	0.33	41.70	126.10	5258.37
PQ26/19	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.45	11.3±0.3	19.55±0.3	15.5MIN	—	0.36	44.20	122.40	5410.08
PQ26/17A	2	26.95-0.90	22.05+0.90	12.2-0.4	19.45-0.9	7.8+0.4	16.9-0.4	15.5MIN	—	0.31	40.30	129.20	5206.76
PQ26/17C	2	26.5±0.45	22.5±0.45	12.2-0.4	19±0.45	7.9+0.6	17.0-0.5	15.5MIN	—	0.32	40.50	128.20	5192.10
PQ26/19A	2	26.5±0.45	22.5±0.45	12±0.2	19±0.45	10.5±0.3	19.15±0.25	15.5MIN	—	0.35	45.10	128.70	5804.37
PQ26/20	2	26.5±0.45	22.5±0.45	12±0.2	19±0.45	11.5±0.3	20.15±0.25	15.5MIN	—	0.37	46.30	119.00	5509.70
PQ26/20A	2	26.5±0.45	22.5±0.45	12±0.2	19±0.45	12.3±0.3	20.95±0.25	15.5MIN	—	0.38	46.40	119.30	5535.52
PQ26/20B	2	26.5±0.45	22.5±0.45	12±0.2	19±0.45	11.5±0.3	20.15±0.25	15.5MIN	—	0.37	46.30	119.00	5509.72

PQ26/20C	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.45	11.8±0.3	20.15±0.25	15.5MIN	—	0.37	45.20	112.80	5550.56
PQ26/20D	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.45	11.5±0.3	20.15±0.25	15.5MIN	—	0.37	45.20	122.30	5527.96
PQ26/20F	2	26.5±5	22.5±0.5	12.2±0.4	19.0±0.5	6.8+1.0	16.0-0.5	15.5MIN	—	0.29	36.30	124.20	4508.46
PQ26/20G	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	3.4±0.3	12.0±0.25	15.5MIN	—	0.27	32.00	119.00	3808.00
PQ26/20J	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	11.9±0.3	20.15±0.25	16.0MIN	—	0.38	47.80	125.40	5994.12
PQ26/20.5A	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	11.8±0.3	20.45±0.25	15.5MIN	—	0.39	48.70	123.90	6033.93
PQ26/21	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	11.6+0.6	20.55±0.3	15.5MIN	—	0.40	47.10	119.00	5604.90
PQ26/21A1	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	11.9±0.3	20.55±0.25	16.0MIN	—	0.37	45.80	123.10	5637.98
PQ26/22A	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	13.6±0.2	22.0±0.2	15.5MIN	—	0.40	49.00	123.90	6071.10
PQ26/22B	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	13.9±0.3	22.0±0.25	15.5MIN	—	0.42	52.00	123.40	6416.80
PQ26/23	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	14.35±0.3	23.0±0.3	15.5MIN	—	0.41	50.70	124.90	6332.43
PQ26/23A	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	13.9±0.3	22.55±0.25	15.5MIN	—	0.40	51.80	128.40	6651.12
PQ26/24.95	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.3±0.3	24.95±0.25	15.5MIN	—	0.47	55.50	118.00	6549.00
PQ26/25	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.1±0.3	24.75±0.25	15.5MIN	—	0.47	55.50	118.00	6549.00
PQ26/25A	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	7.7+0.4	16.8-0.4	15.5MIN	—	0.30	37.70	125.40	4727.58
PQ26/25B	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.4±0.3	24.95±0.25	16.0MIN	—	0.45	54.70	122.10	6678.87
PQ26/25B1	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.4±0.3	25.0±0.25	16.0MIN	—	0.45	54.70	122.30	6689.81
PQ26/25B2	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.7±0.3	25.36±0.25	16.0MIN	—	0.47	55.50	118.00	6549.00
PQ26/25B3	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.1±0.3	24.75±0.25	16.0MIN	—	0.47	55.50	118.00	6549.00
PQ26/25C	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.1±0.3	23.6-0.5	15.5MIN	—	0.45	52.90	117.30	6205.17
PQ26/25C2	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.3±0.3	24.95±0.25	15.5MIN	—	0.44	56.50	128.20	7243.30
PQ26/25C3	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.7±0.3	25.4±0.25	15.5MIN	—	0.46	57.90	126.20	7306.98
PQ26/25D	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	19.0±0.4	28.0±0.4	15.5MIN	—	0.52	62.00	120.00	7440.00
PQ26/25D2	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	6.3+0.3/-0.	24.9±0.2	15.5MIN	—	0.50	55.50	118.00	6549.34
PQ26/25E	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.7±0.3	25.35±0.25	15.5MIN	—	0.45	55.10	123.40	6799.34
PQ26/25F	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	3.4±0.3	12.0±0.3	15.5MIN	—	0.23	28.70	126.60	3633.42
PQ26/25J	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	17.0±0.4	25.6±0.4	15.5MIN	—	0.45	57.80	128.00	7398.40
PQ26/25K	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	11.5±0.3	20.15±0.25	16.5MIN	—	0.37	45.15	123.42	5572.41
PQ26/25L	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	16.1±0.3	24.7±0.25	16.0MIN	—	0.47	57.40	121.60	6979.84
PQ26/30	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	21.4±0.3	30±0.25	15.5MIN	—	0.54	64.48	119.79	7725.00
PQ26/33	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	24.35±0.3	33.0±0.25	15.5MIN	—	0.56	72.30	127.90	9247.17
PQ26/35	2	26.5±0.45	22.5±0.45	12.0±0.2	19.0±0.45	26.00.3	34.6±0.26	16.0+0.45/-0.5	—	0.60	78.60	123.00	9667.80
PQ26.5/24A	2	26.5±0.45	22.5±0.45	12.0±0.2	19±0.4	17.5±0.3	24.1±0.3	15.5MIN	—	0.52	58.20	112.20	6530.04
PQ26B/19/30	2	26.0±0.45	22.0±0.45	12.0±0.2	19.0±0.45	21.8±0.3	30.4±0.2	17.5MIN	—	0.55	64.81	116.88	7574.40
PQ27/20	2	27+0.2/0.4	22.8MIN	12.0±0.2	19.0±0.4	11.8±0.4	20.0±0.25	17MIN	—	0.39	45.97	116.44	5353.00
PQ27/25	2	27+0.2/0.4	22.8MIN	12.0±0.2	19.0±0.4	16.2±0.4	24.8±0.25	17MIN	—	0.45	54.35	119.35	6487.80

PQ28/23.1	9	28±0.5	19MIN	$\frac{13\pm0.25}{11.4\pm0.25}$	23.1±0.3	30±0.2	9.6±0.4	—	—	0.51	65.24	129.14	8425.45
PQ28/31	2	28±0.5	23±0.5	14.5±0.25	20±0.5	21±0.4	31±0.3	16.7±0.5	—	0.40	64.70	162.04	10485.13
PQ30/18	2	30.0±0.5	25.5±0.5	13.3±0.25	20.5±0.5	11.4±0.3	18.0±0.3	20.2MIN	—	0.40	48.80	123.50	6026.80
PQ30/20	2	30.0±0.5	25.5±0.5	13.3±0.3	20.5±0.5	13.2±0.2	19.8±0.3	17.8MIN	—	0.41	52.00	126.60	6583.20
PQ30/20A	2	30.0±0.5	25.5±0.5	13.3±0.3	20.5±0.5	12.9±0.2	19.5±0.3	17.8MIN	—	0.34	49.29	145.75	7184.02
PQ30/20B	2	30.0±0.5	25.5±0.5	13.3±0.25	20.5±0.5	13.2±0.3	19.8±0.3	20.2MIN	—	0.4	49.40	123.50	6100.90
PQ30/25	2	30.0±0.5	25.5±0.5	13.3±0.25	20.5±0.5	18.4±0.2	25.0±0.3	17.8MIN	—	0.41	59.90	145.80	8733.42
PQ30/25A	2	30.0±0.5	25.5±0.5	13.3±0.25	20.5±0.5	18.4±0.2	25.0±0.3	20.2MIN	—	0.47	59.60	125.90	7503.64
PQ30/26	2	30.0±0.5	25.5±0.5	13.3±0.25	20.5±0.5	19.4±0.2	26±0.3	17.8MIN	—	0.5	64.20	129.40	8707.48
PQ30/30	2	30.0±0.5	25.5±0.5	13.3±0.25	20.5±0.5	23.4±0.2	30±0.3	17.8MIN	—	0.48	69.90	145.80	10190.42
PQ30/30A	2	30.0±0.5	25.5±0.5	13.3±0.25	20.5±0.5	23.4±0.2	30±0.3	20.2MIN	—	0.55	69.50	127.60	8868.20
PQ31/26.6	1	31.0±0.5	24±0.5	13.5±0.25	19.0±0.3	17.6±0.3	26.6±0.25	17.2ref	—	0.37	59.66	162.50	9694.73
PQ31/27	1	31.0±0.15	24.0±0.35	13.5±0.25	19.0±0.3	18.0±0.4	27±0.25	16.0MIN	—	0.385	61.95	160.77	9965.91
PQ31.2	3	31.2±0.4	28.0MIN	16.0±0.2	22.0±0.5	21.0±0.2	30±0.3	19.0MIN	9.0±0.2	0.521	75.37	126.58	10881.20
PQ32/10	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.0±0.4	19.8±0.4	19.0MIN	—	0.33	51.00	155.70	7940.70
PQ32/15A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	6.0+0.4/-0.2	15.0-0.4	19.0MIN	—	0.27	41.20	155.00	6386.00
PQ32/18	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	9.5±0.3	17.95±0.25	19.0MIN	—	0.25	44.50	175.10	7791.95
PQ32/20	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.5±0.4	20.6±0.5	19.0MIN	—	0.31	49.00	156.70	7678.30
PQ32/20A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	6.8±0.6	16.1-0.36	19.0MIN	—	0.26	40.10	155.30	6227.53
PQ32/20A1	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	9.2±0.6	18.2-0.6	19.0MIN	—	0.29	44.60	151.80	6770.28
PQ32/20A2	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	13.0±0.4	22.2±0.4	19.0MIN	—	0.33	51.09	155.90	8091.21
PQ32/20A3	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	9.7±0.6	18.7-0.5	19.0MIN	—	0.31	45.90	150.40	6903.36
PQ32/20B	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.5±0.4	20.6±0.5	19.0MIN	—	0.31	49.00	156.70	7678.30
PQ32/20C	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.9±0.4	20.95±0.4	19.0MIN	—	0.32	49.80	156.40	7788.72
PQ32/20D	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.7±0.4	20.8±0.4	19.0MIN	—	0.32	49.400	156.700	7740.980
PQ32/20E	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	12.1±0.3	21.05±0.25	19.0MIN	—	0.32	50.10	155.70	7800.57
PQ32/20F	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	5.4±0.4	14.2±0.4	19.0MIN	—	0.27	40.70	152.20	6194.54
PQ32/20G	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	5.6MIN	10.25±0.15	19.0MIN	—	0.32	49.10	155.40	7630.14
PQ32/20H	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.6±0.3	20.5±0.26	19.0MIN	—	0.34	52.60	155.40	8174.04
PQ32/20.6A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.5+0.5/-0.1	20.6±0.5	19.0MIN	—	0.32	48.60	151.00	7338.60
PQ32/21	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.9+0.3/-0.2	21±0.5	19.0MIN	—	0.33	50.30	154.50	7771.35
PQ32/21A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	12.0±0.3	20.6±0.5	19.0MIN	—	0.34	52.80	154.10	8136.48
PQ32/21B	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.5±0.3	20.6±0.5	19.0MIN	—	0.32	49.40	154.90	7652.06
PQ32/21B1	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	12.5±0.3	21.45±0.3	19.0MIN	—	0.34	54.10	157.00	8493.70
PQ32/21C	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	12.4±0.4	21.1±0.2	19.0MIN	—	0.33	50.60	154.00	7792.40
PQ32/21D	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.5±0.3	20.54±0.26	19.0MIN	—	0.39	55.50	142.00	7881.00
PQ32/21E	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.5±0.3	25.3±0.2	19.0MIN	—	0.37	62.80	170.00	10676.00

PQ32/21G	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.9±0.4	20.95±0.4	19.0MIN	—	0.32	55.50	170.00	9435.00
PQ32/21.2A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	11.9±0.4	21.15±0.4	19.0MIN	—	0.33	49.57	151.76	7522.74
PQ32/21.4A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	13.8±0.4	22.4±0.4	19.0MIN	—	0.36	56.30	154.40	8692.72
PQ32/23	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.5±0.4	22.9±0.5	19.0MIN	—	0.46	59.90	130.50	7816.95
PQ32/24A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.2±0.3	24.3±0.2	19.75MIN	—	0.39	57.90	148.70	8609.72
PQ32/24.7A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.5±0.3	24.7±0.3	19.75MIN	—	0.42	62.60	148.10	9271.06
PQ32/25	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.2±0.3	25.0±0.2	19.75MIN	—	0.38	58.50	15.10	8956.35
PQ32/25A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.2±0.3	25.0±0.2	19.0MIN	—	0.38	58.20	154.50	8991.90
PQ32/25A1	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.5±0.3	25.3±0.2	19.75MIN	—	0.39	59.10	152.80	9030.48
PQ32/25A2	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.4±0.4	24.9±0.4	19.0MIN	—	0.38	60.58	161.19	9764.89
PQ32/25B	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	15.8±0.6	25.0±1.0	19.0MIN	—	0.37	58.00	155.00	8990.00
PQ32/25B1	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.3±0.6	25.5±0.5	19.0MIN	—	0.37	58.60	156.60	9176.76
PQ32/25B2	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.35±0.3	25.3±0.3	19.0MIN	—	0.38	58.60	155.30	9100.58
PQ32/25C	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.6±0.3	25.4±0.2	19.75MIN	—	0.39	59.30	153.10	9078.83
PQ32/25C2-LX	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	17.0±0.3	25.8±0.2	19.75MIN	—	0.41	63.10	155.10	9876.81
PQ32/25G	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.4±0.4	25.4±0.4	19.0MIN	—	0.39	62.20	156.30	9721.86
PQ32/25.3A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.5±0.3	25.3±0.2	19.75MIN	—	0.4	61.80	156.20	9653.16
PQ32/27	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	17.8±0.4	26.8±0.4	19.0MIN	—	0.4	61.50	155.40	9557.10
PQ32/27A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	18.5±0.3	27.5±0.26	19.0MIN	—	0.42	66.30	156.30	10362.69
PQ32/27A1	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	16.5±0.4	23.5±0.5	19.0MIN	—	0.45	61.30	135.80	8324.54
PQ32/28	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	19.3±0.4	28±0.4	19.0MIN	—	0.42	64.30	153.80	9889.34
PQ32/29	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	20.2±0.5	29.2±0.3	19.0MIN	—	0.13	49.20	157.70	7758.84
PQ32/30	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	21.3±0.3	30.36±0.26	19.0MIN	—	0.44	68.50	155.40	10644.90
PQ32/30	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	21.3±0.3	30.3±0.26	19.0MIN	—	0.44	68.50	155.40	10644.90
PQ32/31	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	21.9±0.4	30.95±0.4	19.0MIN	—	0.45	69.60	155.40	10815.84
PQ32/34	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	25±0.2	34±0.3	19.0MIN	—	0.5	83.19	165.75	13785.90
PQ32/35	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	26.5±0.3	35.55±0.25	19.0MIN	—	0.51	78.80	155.10	1221.88
PQ32/35A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	26.5±0.3	35.55±0.25	19.0MIN	—	0.51	79.10	153.90	12173.49
PQ32/35A1	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	27.5±0.3	36.55±0.25	19.5MIN	—	0.53	89.90	157.30	13197.47
PQ32/38.5A	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	29.1MIN	38.45±0.25	19.0MIN	—	0.55	87.30	158.20	13810.86
PQ32/51.5	2	32.0±0.5	27.5±0.5	13.45±0.25	22.0±0.5	42.5±0.3	51.5±0.3	19.0MIN	—	0.72	121.38	166.63	20226.70
PQ32B/51.5	2	32.0±0.7	27.65MIN	13.45±0.25	22.0±0.5	42.5±0.3	51.5±0.3	21.0MIN	—	0.75	122.46	163.25	19992.10
PQ32B/51.5	2	32.0±0.7	27.65±0.6	13.45±0.25	22.0±0.5	42.5±0.3	51.5±0.3	21MIN	—	0.75	112.32	148.80	16712.64
PQ32.56/22.5/26	2	32.56±0.5	28.0±0.5	13.65±0.25	22.5±0.5	25.5±0.3	36.5±0.3	18.0MIN	—	0.48	86.39	178.00	15379.00
PQ32.8/22/30.6	2	32.8±0.5	21.36±0.5	22±0.4	13.45±0.25	21.7±0.3	30.7±0.3	—	—	0.475	77.50	163.31	12657.20
PQ32.8/22/30.6	2	32.8±0.5	28.3±0.5	13.45±0.25	22±0.4	21.7±0.3	30.7±0.3	21.16±0.7/-0.3	—	0.47	70.06	149.20	10453.33
PQ38	3	38.0±0.5	34±0.5/-0.3	22.4±0.3	28.5±0.4	20±0.3	28±0.3	24.0±0.5	14.4±0.2	0.25	63.10	250.45	15803.46

PQ33/33	2	33.8±0.2/-0.8	28.6±0.5	14.3±0.25	24.0±0.5	24.7±0.2	33.5±0.2	20.3MIN	—	0.44	83.55	190.06	15879.51
PQ34B/27	2	34.0±0.5	28.0±0.5	18.0±0.25	27.0±0.5	21±0.20	31.0±0.2	23.0±0.5	—	0.31	68.42	222.41	15217.75
PQ34/28.5	2	34.0±0.7	30±0.5	17.5±0.3	28.5±0.5	50.3±0.3	40.3±0.4	20±0.4	—	0.4519	109.12	241.44	26347.02
PQ34.5/27	2	34.5±0.3/-0.5	28.5MIN	18.0±0.25	27.0±0.5	20.9MIN	31.2±0.2	23.0±0.5	—	0.29	64.40	222.10	14303.24
PQ34/51.5	2	34.0±0.7	29.65±0.45	13.45±0.25	22.0±0.5	42.5±0.2	51.5±0.3	22.0MIN	—	0.763	124.45	163.07	20294.20
PQ35B/31.5	2	35.2±0.4	29.5±0.4	18.9±0.25	29±0.4	18.5±0.3	31.5±0.3	21.7±0.3/-0.4	—	0.236	66.52	281.65	18736.01
PQ35/8.6	2	35.0±0.65	29.7±0.65	13.0±0.2	18.6±0.5	5.0±0.3	8.6±0.3	23.15	—	0.54	35.60	65.40	2328.24
PQ35/12.2	2	35.0±0.65	29.7±0.65	13.0±0.2	18.6±0.5	6.8±0.3	12.2±0.3	23.15	—	0.4	41.61	105.21	4377.79
PQ35/20	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	13.2±0.2	21.3±0.25	23.5MIN	—	0.34	55.40	162.10	8980.34
PQ35/24	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	6.95±0.15	11.85±0.1	23.5MIN	—	0.32	58.07	180.57	10485.70
PQ35/25	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	15.3±0.3	25.3-0.5	23.5MIN	—	0.35	60.50	172.60	10442.30
PQ35/25A	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	16.4±0.4	25.1±0.3	23.5MIN	—	0.38	65.60	170.50	11184.80
PQ35/26	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	16.45±0.3	26.0±0.25	23.5MIN	—	0.37	66.40	178.30	11839.12
PQ35/27	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	16.7±0.3	26.7-0.5	23.5MIN	—	0.38	66.90	178.00	11908.20
PQ35/28	2	35.1±0.6	32.0±0.5	14.35±0.25	26.0±0.5	18.2±0.6	27.95±0.25	23.5MIN	—	0.38	65.80	173.50	11416.30
PQ35/28A	2	35.1±0.6	32.0±0.5	14.35±0.25	26.0±0.5	19.6±0.3	28.3±0.25	23.5MIN	—	0.42	72.10	169.80	12242.58
PQ35/30	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	19.7±0.6	30.2-0.5	23.5MIN	—	0.41	70.00	173.00	12110.00
PQ35/30A	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	19.6±0.3	30.0±0.5	23.5MIN	—	0.39	69.50	176.20	12245.90
PQ35/30B	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	19.6±0.3	30.0±0.5	23.5MIN	—	0.39	69.50	176.20	12245.90
PQ35/30C	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	12.4±0.4	22.0±0.4	23.5MIN	—	0.33	58.20	176.30	10260.66
PQ35/30E	2	35.1±0.6	32.0±0.5	14.35±0.25	26.0±0.5	20.25±0.3	30.0±0.3	23.5MIN	—	0.42	74.10	176.70	13093.47
PQ35/30.5A	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	21.0±0.4	30.5±0.3	23.5MIN	—	0.43	75.30	176.00	13252.80
PQ35/35	2	35.0±0.7/-0.5	32.0±0.5	14.6-0.5	26.0±0.5	25.2±0.2	35.0±0.3	23.5MIN	—	0.47	80.00	172.20	13776.00
PQ35D/31.5	2	35.2±0.5	30.2±0.5	18.8±0.25	29.0±0.4	19.3±0.4	31.5±0.4	22±0.5	—	0.25	67.63	270.04	18264.60
PQ35E/29	12	35.0±0.5	22.0±0.5	16.0±0.25	29.0±0.4	29±0.3	20±0.4	—	—	0.337	65.07	192.86	12549.85
PQ36.5/29/31	2	36.5±0.5	30.0±0.5	19.0±0.25	29.0±0.5	19.0±0.4	31.0±0.3	23.0±0.5	—	0.24	67.41	276.48	18638.57
PQ38/28.5/28	3	38.0±0.5	34.0±0.5	22.4±0.3	28.5±0.5	20.0±0.4	28.0±0.4	24.0±0.4	14.4±0.4	0.38	72.42	186.67	13519.20
PQ39.2	11	39.2±0.6	25.3±0.6	20.9±0.3 16.4±0.25	29±0.4	30.8±0.2	18.2±0.3	33.6±0.6	—	0.25	71.15	288.43	20520.98
PQ40/29	2	40±0.6	33.5±0.5	19±0.25	29±0.5	21.8±0.4	32.8±0.3	25±0.5	—	0.27	74.78	275.11	20575.79
PQ40/21.5	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	11.36±.3	21.5±0.3	28.0MIN	—	0.31	61.50	199.00	12238.50
PQ40/22.8	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	12.6±0.4	22.8±0.3	28.0MIN	—	0.32	63.80	199.70	12740.86
PQ40/23.6	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	13.3±0.3	23.6±0.3	28.0MIN	—	0.34	65.80	196.30	12916.54
PQ40/25	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	14.62±0.4	24.9±0.4	28.0MIN	—	0.34	68.40	199.20	13625.28
PQ40/25.3	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	15.2±0.4	25.3±0.4	28.0MIN	—	0.34	64.21	191.69	12308.41
PQ40/28.5	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	18.36±0.3	28.5±0.3	28.0MIN	—	0.38	75.30	197.40	14864.22
PQ40/32	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	21.3±0.3	31.6±0.3	28.0MIN	—	0.39	84.91	215.30	18281.12
PQ40/35	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	24.7±0.4	35.0±0.4	28.0MIN	—	0.44	83.00	188.00	15604.00

PQ40/40	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	29.7±0.4	40±0.4	28.0MIN	—	0.45	93.80	210.00	19698.00
PQ40/41	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	30.7±0.3	41±0.4	28.0MIN	—	0.51	100.90	196.50	19826.85
PQ40/44	2	40.5±0.9	37.0±0.6	14.9±0.3	28.0±0.6	33.7±0.3	44±0.4	28.0MIN	—	0.54	105.90	195.30	20682.27
PQ40B	2	40±0.8	33.5±0.8	19±0.3	29.0±0.6	53±0.4	64±0.4	25.0±0.6	—	0.57	13.00	240.67	33136.59
PQ41	2	41+0.6/-0.9	36.0±0.6	18±0.3	29.0±0.6	16.6±0.4	29.6±0.3	28.0MIN	—	0.26	68.50	258.50	17707.25
PQ43	1	43±0.7	36±0.7	21±0.35	32±0.6	38±0.4	51.2±0.3	26±0.6	—	0.31	111.67	355.73	39727.04
PQ43.4	2	43.4±0.9	34.0±0.6	23.2±0.15	29.0±0.6	42.2±0.3	53.2±0.15	25.4±0.3	—	0.30	125.12	416.94	52167.10
PQ44.5/43	2	44.5±0.9	38.0±0.7	18±0.3	30.0±0.6	29.5±0.4	43±0.3	29±0.9	—	0.34	96.19	283.09	27231.06
PQ45/23	6	45.0±0.6	29.0±0.6	24.0±0.3 11.0±0.2	23.0±0.4 19.5ref	32±0.3	12±0.4	—	—	0.48	114.00	238.00	27132.00
PQ45/30	2	45.0±0.6	40.5±0.6	17±0.3	30.0±0.6	18.3±0.4	30±0.3	30MIN	—	0.31	74.09	240.73	17835.76
PQ46/35	9	46.3±0.7	30.4MIN	20±0.35 17.5±0.25	28±0.8	35±0.3	19±0.4	—	—	—	—	335.25	—
PQ48/50	7	48.0±0.9	32.0±0.7 28.0±0.7	25±0.30	34.5±0.5 30.5±0.5	50.0±0.3	15.6±0.5	—	—	—	—	453.79	—
PQ50/18	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	4.0±0.4	18.0±0.4	32.0MIN	—	0.16	56.50	343.50	19407.75
PQ50/25	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	36.0±0.4	50.0±0.4	32.0MIN	—	0.26	88.40	335.20	29631.68
PQ50/27A	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	11.4±0.4	27.8±0.4	32.0MIN	—	0.23	73.90	320.30	23670.17
PQ50/28.4A	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	14.55±0.3	28.4±0.3	32.0MIN	—	0.23	77.20	338.40	26124.48
PQ50/32B	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	18.0±0.4	32.0±0.4	32.0MIN	—	0.23	83.80	362.80	30402.64
PQ50/35	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	21.0±0.4	35.0±0.4	32.0MIN	—	0.25	83.00	334.00	27722.00
PQ50/34/43	2	50.0±0.7	44.0±0.7	21±0.35	34.0±0.6	29±0.4	43.0±0.4	32±0.6	—	0.29	105.80	360.60	38151.48
PQ50/40/46	13	50.0±0.7	35.0±0.7	23.0±0.4	40.0±0.5	46±0.4	32±0.5	—	—	0.18	99.67	566.30	56442.44
PQ50/50	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	36.0±0.4	50.0±0.4	32.0MIN	—	0.31	113.50	363.80	41291.30
PQ50/54	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	40.2±0.5	54.0±0.4	32.0MIN	—	0.39	128.70	329.00	42342.30
PQ50/55	2	50.0±0.7	44.0±0.7	20.0±0.35	32.0±0.6	41.1±0.5	55±0.4	32.0MIN	—	0.39	128.50	330.00	42405.00
PQ50/35.8/42.8	10	50.0±0.7	33.5±0.7	25±0.35	35.8±0.6	42.8±0.3	28.5±0.5	—	—	0.23	98.48	433.91	42732.38
PQ55.25	1	55.25±0.7	46±0.7	24±0.35	45.35±0.6	20.1±0.4	31.1±0.3	34±0.7	—	0.19	77.54	408.15	31647.95
PQ50.6/34.5/32	2	50.6±0.7	44.6±0.5	21.3±0.25	34.5±0.5	25±0.3	36±0.3	32.0MIN	—	0.26	88.60	329.70	29211.40
PQ53	1	53±0.7	46±0.7	23±0.35	34±0.5	36±0.5	51±0.3	31.0MIN	—	0.279	115.90	415.41	48148.90
PQ56/42.5	14	56±0.8	36.3min 33.5min	27.5±0.4 24.9±0.4	42.5±0.6	31±0.4	17±0.4	—	—	0.159	87.22	546.02	47627.37
PQ57.5G/32.5	8	57.5±0.7	40.1±0.7 36.1±0.7	33.1±0.4 16.1±0.3	32.5±0.5	60.4±0.3	15±0.5	46.5±0.7	—	—	—	477.28	—
PQ58.5/42	1	58.5±0.7	51.0±0.7	27.0±0.3 42.3±0.3	42.0±0.6	15MIN	29±0.3	—	—	0.15	80.23	527.97	42631.00
PQ71.6	8	71.6±0.7	48.0±0.7	21.3±0.3	33.0±0.5	75±0.4	16±0.4	—	—	0.15	119.25	803.00	95757.75
PQ86/50	2	86±1	74±1	34±0.4	50±0.6	39.5±0.5	59.8±0.4	—	16ref 8ref	0.17	147.66	855.11	126272.10