

H : Pumping Machinery & Plant

H I PUMPS

H I (1) Centrifugal Pumps & Turbine Pumps

| | | | | | | | | | |
|------------------------------|-----|----|---|------------------|------------------|-----------------|----------------|----------------|--|
| Capacity | LPM | : | Up to 100 | | | | | | |
| Manufacturer/Supplier | | : | M/s B. E. Pumps Pvt. Ltd., 4, B. B. D. Bag East, Post Box No. 2550, Calcutta - 700 001. | | | | | | |
| Model | | : | (i) AO 1210 K | (ii) AO 1220 K | (iii) AO 2110 K | (iv) AO 2120 K | (v) AO 3110 K | (vi) AO 3120 K | |
| Type | | : | Latter | Latter | Latter | Latter | Latter | Latter | |
| | | : | Channel | Channel | Channel | Channel | Channel | Channel | |
| | | : | Self | Self | Self | Self | Self | Self | |
| | | : | Priming | Priming | Priming | Priming | Priming | Priming | |
| Cap | LPM | : | 10 to 40 | 10 to 40 | 10 to 47 | 10 to 45 | 15 to 80 | 25 to 80 | |
| Head | mm | : | 22 to 8 | 44 to 16 | 39 to 11 | 77 to 17 | 42 to 10 | 72 to 20 | |
| Size | L | mm | 263 | 297 | 307 | 347 | 307 | 347 | |
| | W | mm | 156 | 156 | 196 | 196 | 196 | 196 | |
| | H | mm | 180 | 180 | 224 | 224 | 224 | 224 | |
| WT | kg | : | 9.5 | 11 | 14 | 17.5 | 14 | 17.5 | |
| HP at 1450 | rpm | : | 0.2 to 0.45 | 0.4 to 0.8 | 0.4 to 0.85 | 0.8 to 1.7 | 0.5 to 1.1 | 0.9 to 2 | |
| Model | | : | (vii) AO 1210 K | (viii) AO 1220 K | (ix) AO 2110 K | (x) AO 1240 K | | | |
| Type | | : | Latter | Latter | Latter | Latter | | | |
| | | : | Channel | Channel | Channel | Channel | | | |
| | | : | Self | Self | Self | Self | | | |
| | | : | Priming | Priming | Priming | Priming | | | |
| | | : | | | | High Head | | | |
| Cap | LPM | : | 10 to 40 | 10 to 40 | 12 to 45 | 13 to 40 | | | |
| Head | mm | : | 2 to 8 | 44 to 16 | 38 to 11 | 85 to 32 | | | |
| Size | L | mm | 263 | 297 | 307 | 365 | | | |
| | W | mm | 156 | 156 | 196 | 156 | | | |
| | H | mm | 180 | 180 | 224 | 180 | | | |
| WT | kg | : | 9.5 | 11 | 14 | 18 | | | |
| HP at 1425 | rpm | : | 0.2 to 0.43 | 0.38 to 0.82 | 0.38 to 0.82 | 0.8 to 1.35 | | | |
| Model | | : | (xi) AO 3110 K | (xii) AO 2120 K | (xiii) AO 3140 K | (xiv) A 3175 KK | (xv) A 3165 KK | | |
| Type | | : | Latter | Latter | Latter | Latter | Latter | | |
| | | : | Channel | Channel | Channel | Channel | Channel | | |
| | | : | Self | Self | Self | Self | Self | | |
| | | : | Priming | Priming | Priming | Priming | Priming | | |
| | | : | High Head | | | High Head | High Head | | |
| Cap | LPM | : | 15 to 80 | 13 to 45 | 25 to 75 | 25 to 75 | 27 to 80 | | |
| Head | mm | : | 42 to 10 | 75 to 18 | 145 to 45 | 250 to 70 | 210 to 60 | | |
| Size | L | mm | 307 | 347 | 427 | 758 | 718 | | |

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|------------|-----|-----|--------------|-------------|-------------|------------|------------|
| | W | mm | : 196 | 196 | 196 | 220 | 220 |
| | H | mm | : 224 | 224 | 224 | 230 | 230 |
| WT | | kg | : 14 | 17.5 | 25 | 63 | 59 |
| HP at 1425 | | rpm | : 0.5 to 1.1 | 0.8 to 1.6 | 1.86 to 4.4 | 3.3 to 8.1 | 2.8 to 6.8 |
| | | | | (xvi) | (xvii) | (xviii) | (xix) |
| Model | | | : AO 3130 K | AO 1140 K | AO 2130 K | AO 1230 K | AO 2140 K |
| Type | | | : Latter | Latter | Latter | Latter | Latter |
| | | | : Channel | Channel | Channel | Channel | Channel |
| | | | : Self | Self | Self | Self | Self |
| | | | : Priming | Priming | Priming | Priming | Priming |
| | | | : High Head | | | High Head | |
| Cap | LPM | | : 28 to 80 | 40 to 80 | 60 to 120 | 70 to 125 | 90 to 125 |
| Head | mm | | : 110 to 30 | 60 to 20 | 27 to 9 | 75 to 22 | 36 to 15 |
| Size | L | mm | : 387 | 347 | 307 | 387 | 347 |
| | W | mm | : 196 | 196 | 196 | 196 | 196 |
| | H | mm | : 224 | 224 | 224 | 224 | 224 |
| WT | | kg | : 21 | 17.5 | 14 | 21 | 17.5 |
| HP at 1425 | | rpm | : 1.4 to 3 | 0.9 to 1.75 | 0.7 to 1.3 | 1.8 to 5.6 | 1.3 to 1.9 |

Capacity/Motor Power KW : Up to 10

1. **Manufacturer/Supplier** : M/s Cable Corporation of India,
Poonam Chambers, North Wing,
Shivsagar Estate, Dr. Annie Besant Road, Worli,
Mumbai - 400 018.

| | | | | | |
|-------|-----|--|-------------------|--------------|------|
| | | | | (i) | (ii) |
| Model | | | : Mono Block Pump | Coupled Pump | |
| Motor | KW | | : 1.5 to 7.5 | 2.2 to 7.5 | |
| | rpm | | : 3000 | 1500 | |

Capacity LPM : 101 to 500

1. **Manufacturer/Supplier** : M/s B. E. Pumps Pvt. Ltd.,
4, B.B.D. Bag East, Post Box No. 2550,
Calcutta - 700 001.

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|------------|-----|-----|--------------|------------|------------|------------|------|
| | | | | (i) | (ii) | (iii) | (iv) |
| Model | | | : A 4110 KK | A 4120 KK | A 5110 KK | A 5120 KK | |
| Type | | | : Latter | Latter | Latter | Latter | |
| | | | : Channel | Channel | Channel | Channel | |
| | | | : Self | Self | Self | Self | |
| | | | : Priming | Priming | Priming | Priming | |
| Cap | LPM | | : 75 to 190 | 75 to 200 | 190 to 330 | 180 to 335 | |
| Head | mm | | : 9 to 33 | 12 to 66 | 9 to 33 | 19 to 66 | |
| Size | L | mm | : 519 | 574 | 562 | 637 | |
| | W | mm | : 218 | 218 | 218 | 218 | |
| | H | mm | : 264 | 264 | 290 | 290 | |
| WT | | kg | : 36 | 43 | 46 | 55 | |
| HP at 1425 | | rpm | : 1.2 to 2.6 | 1.9 to 4.9 | 2.5 to 4.5 | 4.9 to 9.4 | |

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|--------------------------|--|----|----------------|-------------|----------------|
| Model | | | (v) | | (vi) |
| Type | | | AO 3610 K | | AO 3620 K |
| | | | Latter Channel | | Latter Channel |
| | | | Self Priming | | Self Priming |
| Cap | LPM | | 60 to 120 | | 90 to 130 |
| Head | mm | | 26 to 9 | | 36 to 15 |
| Size | L | mm | 307 | | 347 |
| | W | mm | 196 | | 196 |
| | H | mm | 224 | | 224 |
| WT | kg | | 14 | | 17.5 |
| HP at 1450 | rpm | | 0.7 to 1.3 | | 1.3 to 1.9 |
| Model | | | (vii) | (viii) | (ix) |
| Type | | | M 451 K | M 452 K | M 453 K |
| | | | Multi Stage | Multi Stage | Multi Stage |
| | | | Non Self | Non Self | Non Self |
| | | | Priming | Priming | Priming |
| Cap | LPM | | 115 to 320 | 115 to 320 | 115 to 320 |
| Head | mm | | 15 to 33 | 28 to 52 | 40 to 76 |
| Size | L | mm | 306 | 353 | 400 |
| | W | mm | 218 | 218 | 218 |
| | H | mm | 272 | 272 | 272 |
| WT | kg | | 26 | 32 | 38 |
| HP at 2900 | rpm | | 2.0 to 2.9 | 3.3 to 4.3 | 5.0 to 6.5 |
| 6.0 to 9.6 | | | | | |
| 2. Manufacturer/Supplier | : M/s Rohit Pumps & Engineering Corporation, Somnath Road, Bilimora - 396 321 Gujarat. | | | | |
| Model | | | 4BM1-195 | | 6BM1-195 |
| Cap | LPM | | 119 to 356 | | 277 to 480 |
| Size | mm | | 65 x 50 | | 65 x 50 |
| Head | m | | 12 to 9 | | 16 to 9 |
| Motor | HP | | 2 | | 3 |
| | KW | | 1.5 | | 2.2 |
| 3. Manufacturer | : M/s Sam Industries Ltd., Bharti Park, Cross Road No. 7, Coimbatore - 641 011. | | | | |
| Model | | | (i) | (ii) | (iii) |
| Type | | | 32/130 | 32/160 | 32/200 |
| | | | WP | WP | WP |
| Cap | LPM | | 160 | 200 | 220 |
| Head | m | | 2.8 to 6 | 6.5 to 10 | 8 to 16 |
| Size | L | mm | 267 | 267 | 267 |
| | W | mm | 190 | 240 | 240 |
| | H | mm | 252 | 292 | 340 |
| | | | | | (iv) |
| | | | | | 32/260 |
| | | | | | WP |
| | | | | | 250 |
| | | | | | 15 to 25 |
| | | | | | 25 to 38 |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| Model | | | (vi) | (vii) | (viii) |
| Type | | | 40/130 | 40 to 160 | 40/200 |
| | | | WP | WP | WP |
| Cap | LPM | | 335 | 335 | 335 |
| Head | m | | 3 to 6.5 | 6.5 to 9.5 | 10 to 15 |
| Size | L | mm | 267 | 267 | 267 |
| | W | mm | 210 | 240 | 265 |
| | H | mm | 252 | 292 | 340 |
| | | | | | (ix) |
| | | | | | 40/260 |
| | | | | | WP |
| | | | | | 335 |
| | | | | | 15 to 25 |
| | | | | | 267 |
| | | | | | 320 |
| | | | | | 405 |

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|--------------------------|------|---|---|--------------------------------|--------------------------------|--------------------------------|--------------------------|
| Capacity | LPM | : | 501 to 1000 | | | | |
| 1. Manufacturer/Supplier | | : | M/s B. E. Pumps Pvt. Ltd., 4, B.B.D. Bag East, Post Box No. 2550, Calcutta - 700 001. | | | | |
| Model | | : | (i) A 7110 KKTE | (ii) A 7120 KKTE | (iii) A 8110 KKTE | (iv) A 8120 KKTE | |
| Type | | : | Letter Channel Self Priming | Letter Channel Self Priming | Letter Channel Self Priming | Letter Channel Self Priming | |
| Cap | LPM | : | 300 to 575 | 380 to 600 | 500 to 800 | 700 to 900 | |
| Head | m | : | 33 to 9 | 53 to 14 | 29 to 12 | 49 to 14 | |
| Size | L mm | : | 638 | 628 | 712 | 822 | |
| | W mm | : | 250 | 250 | 250 | 250 | |
| | H mm | : | 300 | 300 | 345 | 345 | |
| WT | kg | : | 62 | 74 | 92 | 112 | |
| HP at 1425 | rpm | : | 4.2 to 8.1 | 7.7 to 13 | 8 to 11.5 | 14 to 21 | |
| Model | | : | (v) M 821 KK | (vi) M 822 KK | (vii) M 823 KK | (viii) M 824 KK | (ix) M 825 KK |
| Type | | : | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head |
| Cap | LPM | : | 440 to 900 | 450 to 900 | 440 to 900 | 450 to 900 | 450 to 900 |
| Head | m | : | 10 to 15 | 19 to 29 | 27 to 43 | 38 to 58 | 74 to 72 |
| Size | L mm | : | 597 | 677 | 757 | 837 | 917 |
| | W mm | : | 250 | 250 | 250 | 250 | 250 |
| | H mm | : | 380 | 380 | 380 | 380 | 380 |
| WT | kg | : | 95 | 100 | 110 | 130 | 150 |
| HP at 1450 | rpm | : | 3 to 4 | 6 to 8 | 8 to 11 | 11 to 15 | 13 to 19 |
| Model | | : | (x) M 826 KK | (xi) M 827 KK | (xii) M 828 KK | (xiii) M 829 KK | (xiv) M 830 KK |
| Type | | : | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head |
| Cap | LPM | : | 450 to 900 | 450 to 900 | 450 to 900 | 440 to 900 | 450 to 900 |
| Head | m | : | 56 to 87 | 67 to 102 | 76 to 116 | 85 to 130 | 95 to 144 |
| Size | L mm | : | 997 | 1077 | 1157 | 1237 | 1317 |
| | W mm | : | 250 | 250 | 250 | 250 | 250 |
| | H mm | : | 380 | 380 | 380 | 380 | 380 |
| WT | kg | : | 175 | 200 | 230 | 260 | 300 |
| HP at 1450 | rpm | : | 16 to 22 | 19 to 26 | 20 to 30 | 26 to 35 | 30 to 40 |
| Model | | : | (xv) MZ-2 | | | | |
| Type | | : | Non Clogging | Single Stage | | | |
| Cap | LPM | : | 200 to 300 | | | | |
| Head | m | : | 9 to 17 | | | | |
| Size | L mm | : | 475 | | | | |
| | W mm | : | 380 | | | | |
| | H mm | : | 410 | | | | |
| WT | kg | : | 95 | | | | |
| HP at 1450 | rpm | : | 2.5 to 4.8 | | | | |
| H P | | : | 8 to 11.5 | | | | |

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2. Manufacturer/Supplier : M/s Rohit Pumps & Engineering Corporation,
Somnath Road,
Bilimora - 396 321 Gujarat.

| | | (i) | (ii) | (iii) |
|-------|------|------------|------------|------------|
| Model | | 6 BM1-225 | 6 BM1-245 | 6 BM1-260 |
| Cap | LPM | 583 to 832 | 429 to 667 | 429 to 858 |
| Size | L mm | 65 x 50 | 65 x 50 | 65 x 50 |
| Head | m | 16 to 12 | 20 to 16 | 24 to 20 |
| Motor | HP | 3 | 3 | 3 |
| | KW | 2.2 | 2.2 | 2.2 |

3. Manufacturer : M/s Sam Industries Ltd.,
Bharti Park, Cross Road No. 7,
Coimbatore - 641 011.

| | | (i) | (ii) |
|-------|------|----------|-------------|
| Model | | 50/130 | 50/160 |
| Type | | WP | WP |
| Cap | LPM | 670 | 670 |
| Head | m | 4 to 6.5 | 7.5 to 10.5 |
| Size | L mm | 267 | 267 |
| | W mm | 240 | 265 |
| | H mm | 292 | 340 |

Capacity LPM : 1001 to 5000

1. Manufacturer/Supplier : M/s B. E. Pumps Pvt. Ltd.,
4, B.B.D. Bag East,
Post Box No. 2550,
Calcutta - 700 001.

| | | (i) | (ii) | (iii) | (iv) | (v) |
|-------------|------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Model | | M 1024 KK | M 1025 KK | M 1026 KK | M 1027 KK | M 1022 KK |
| Type | | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head |
| Cap | LPM | 700 to 1350 | 700 to 1350 | 700 to 1350 | 700 to 1350 | 700 to 1350 |
| Head | m | 35 to 70 | 44 to 87 | 53 to 105 | 62 to 123 | 17 to 34 |
| Size | L mm | 878 | 963 | 1048 | 1133 | 708 |
| | W mm | 340 | 340 | 340 | 340 | 340 |
| | H mm | 437 | 437 | 437 | 437 | 434 |
| WT | kg | 165 | 185 | 205 | 225 | 125 |
| H P at 1450 | rpm | 18 to 23 | 22 to 29 | 27 to 36 | 32 to 42 | 10 to 12 |
| Model | | (vi) M 1023 KK | (vii) M 1028 KK | (viii) M 1222 KK | (ix) M 1223 KK | (x) M 1224 KK |
| Type | | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head | Multi Stage High Head |
| Cap | LPM | 700 to 1350 | 700 to 1350 | 700 to 1350 | 1200 to 2200 | 1200 to 2200 |
| Head | m | 26 to 52 | 71 to 140 | 17 to 34 | 41 to 56 | 54 to 76 |
| Size | L mm | 793 | 1218 | 819 | 934 | 1049 |
| | W mm | 340 | 340 | 342 | 342 | 342 |
| | H mm | 434 | 434 | 454 | 454 | 454 |
| WT | kg | 144 | 260 | 140 | 170 | 205 |
| H P at 1450 | rpm | 14 to 18 | 38 to 48 | 10 to 12 | 24 to 33 | 32 to 244 |

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|-------------|-----|---------------|---------------|---------------|---------------|---------------|
| Model | | (xi) | (xii) | (xiii) | (xiv) | (xv) |
| Type | | M 1225 KK | M 1226 KK | M 1227 KK | M 1228 KK | M 1521 KK |
| | | Multi Stage | Multi Stage | Multi Stage | Multi Stage | Multi Stage |
| | | High Head | High Head | High Head | High Head | High Head |
| Cap | LPM | 1200 to 2200 | 1200 to 2200 | 1200 to 2200 | 1200 to 2200 | 2000 to 3500 |
| Head | m | 68 to 95 | 81 to 114 | 95 to 133 | 109 to 153 | 13 to 20 |
| Size | L | mm | 1164 | 1279 | 1394 | 1509 |
| | W | mm | 342 | 342 | 342 | 342 |
| | H | mm | 454 | 454 | 454 | 454 |
| WT | kg | 240 | 270 | 300 | 330 | 180 |
| H P at 1450 | rpm | 40 to 55 | 48 to 66 | 56 to 77 | 65 to 88 | 13 to 17 |
| Model | | (xvi) | (xvii) | (xviii) | (xix) | (xx) |
| Type | | M 1522 KK | M 1523 KK | M 1524 KK | M 1525 KK | M 1532 KK |
| | | Multi Stage | Multi Stage | Multi Stage | Multi Stage | Multi Stage |
| | | High Head | High Head | High Head | High Head | High Head |
| Cap | LPM | 2000 to 3500 | 1200 to 2200 | 1200 to 2200 | 1200 to 2200 | 2000 to 3700 |
| Head | m | 21 to 40 | 41 to 56 | 54 to 76 | 68 to 95 | 43 to 56 |
| Size | L | mm | 915 | 1065 | 1215 | 1365 |
| | W | mm | 400 | 400 | 400 | 400 |
| | H | mm | 512 | 512 | 512 | 512 |
| WT | kg | 200 | 230 | 280 | 340 | 260 |
| H P at 1450 | rpm | 26 to 33 | 24 to 33 | 32 to 44 | 40 to 55 | 39 to 52 |
| Model | | (xxi) | (xxii) | (xxiii) | (xxiv) | (xxv) |
| Type | | M 1533 KK | M 1534 KK | MA 842 KK | MA 843 KK | MA 844 KK |
| | | Multi Stage | Multi Stage | Lateral | Lateral | Lateral |
| | | High Head | High Head | Channel Stage | Channel Stage | Channel Stage |
| | | Self Priming | Self Priming | Self Priming | Self Priming | Self Priming |
| Cap | LPM | 2000 to 3700 | 2000 to 3700 | 460 to 1000 | 460 to 1000 | 460 to 1000 |
| Head | m | 62 to 85 | 84 to 113 | 10 to 30 | 16 to 42 | 24 to 56 |
| Size | L | mm | 1069 | 1223 | 904 | 984 |
| | W | mm | 450 | 450 | 252 | 252 |
| | H | mm | 585 | 585 | 380 | 380 |
| WT | kg | 300 | 355 | 135 | 156 | 175 |
| H P at 1450 | rpm | 40 to 52 | 80 to 103 | 6 to 10.5 | 9 to 13.5 | 12 to 19 |
| Model | | (xxvi) | (xxvii) | (xxviii) | (xxix) | (xxx) |
| Type | | MA 1022 KK | MA 1023 KK | MA 1024 KK | MA 1221 KK | MA 1222 KK |
| | | Lateral | Lateral | Lateral | Lateral | Lateral |
| | | Channel Stage | Channel Stage | Channel Stage | Channel Stage | Channel Stage |
| | | Self Priming | Self Priming | Self Priming | Self Priming | Self Priming |
| Cap | LPM | 700 to 1500 | 700 to 1500 | 700 to 1500 | 1400 to 2500 | 1200 to 2500 |
| Head | m | 9 to 34 | 15 to 51 | 22 to 68 | 13 to 46 | 20 to 37 |
| Size | L | mm | 917 | 1002 | 1087 | 1036 |
| | W | mm | 340 | 340 | 340 | 346 |
| | H | mm | 434 | 434 | 434 | 454 |
| WT | kg | 160 | 185 | 210 | 190 | 200 |
| H P at 1450 | rpm | 10 to 13 | 15 to 20 | 20 to 25 | 14 to 17 | 20 to 26 |
| Model | | (xxxii) | (xxxiii) | (xxxiv) | (xxxv) | |
| Type | | MA 1223 KK | MA 1224 KK | MA 1522 KK | MA 1523 KK | |
| | | Lateral | Lateral | Lateral | Lateral | |
| | | Channel Stage | Channel Stage | Channel Stage | Channel Stage | |
| | | Self Priming | Self Priming | Self Priming | Self Priming | |

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|-------------|-----|----|------------------------------------|---------------------------------------|--------------|--------------|
| Cap | LPM | : | 1200 to 2300 | 1200 to 2300 | 1800 to 3400 | 1800 to 3400 |
| Head | m | : | 36 to 55 | 50 to 76 | 15 to 41 | 30 to 56 |
| Size | L | mm | : 1146 | 1261 | 1168 | 1318 |
| | W | mm | : 346 | 346 | 400 | 400 |
| | H | mm | : 454 | 454 | 512 | 512 |
| WT | kg | : | 260 | 320 | 300 | 350 |
| H P at 1450 | rpm | : | 31 to 40 | 40 to 56 | 30 to 34 | 45 to 65 |
| Model | | : | (xxxv) MA 1524 KK | (xxxvi) MZ - 3 | | |
| Type | | : | Lateral Channel Stage Self Priming | Non Clogging Centrifugal Single Stage | | |
| Cap | LPM | : | 800 to 3400 | 200 to 1500 | | |
| Head | m | : | 46 to 77 | 14 to 21.5 | | |
| Size | L | mm | : 1468 | 495 | | |
| | W | mm | : 400 | 380 | | |
| | H | mm | : 512 | 435 | | |
| WT | kg | : | 400 | 105 | | |
| H P at 1450 | rpm | : | 60 to 78 | 4.7 to 9.0 | | |

2. Manufacturer/Supplier : M/s Rohit Pumps & Engineering Corporation,
Somnath Road,
Bilimora - 396 321 Gujarat.

| | | | (i) | (ii) | (iii) | (iv) | (v) |
|------------------------|----------|---|----------------|--------------|------------------|---------------|----------------|
| Model | | : | 75 A | 4 BM2-270 | 4 BM2-245 | 75 B | 4 BM2-295 |
| Cap | LPM | : | 500 to 1300 | 726 to 1056 | 726 to 1452 | 760 to 1330 | 785 to 1129 |
| Head | m | : | 5 to 2 | 28 to 20 | 20 to 12 | 4 to 2 | 30 to 24 |
| Outside Dia of Bowls | mm | : | 187 | - | - | 187 | - |
| Inside Dia of Tubewell | mm | : | 200 | - | - | 200 | - |
| Speed | rpm | : | 1440 | - | - | 1440 | - |
| Size | mm | : | - | 80 x 80 | 80 x 80 | - | 80 x 80 |
| Motor | HP | : | - | 7.5 | 5 | - | 10 |
| | KW | : | - | 5.5 | 3.7 | - | 7 |
| Model | | : | (vi) 6 BM3-230 | (vii) 8 SA | (viii) 6 BM3-260 | (ix) 8 SB | (x) 6 BM4-215 |
| Cap | LPM | : | 832 to 1320 | 910 to 1675 | 1056 to 1604 | 1140 to 1900 | 1452 to 4556 |
| Head | m | : | 12 to 9 | 6 to 4 | 20 to 9 | 5 to 3 | 16 to 9 |
| Outside Dia of Bowls | mm | : | - | 218 | - | 218 | - |
| Inside Dia of Tubewell | mm | : | - | 250 | - | 250 | - |
| Speed | rpm | : | - | 1440 | - | 1440 | - |
| Size | mm | : | 100 x 80 | - | 100 x 80 | - | 125 x 125 |
| Motor | HP | : | 5 | - | 7.5 | - | 10 |
| | Rated KW | : | 3.7 | - | 5.5 | - | 7.5 |
| Model | | : | (xi) 9 SA | (xii) 95 A-2 | (xiii) 6 BM4-260 | (xiv) 250 T-1 | (xv) 6 BM4-245 |
| Cap | LPM | : | 1500 to 2450 | 1800 to 2750 | 1980 to 3696 | 2100 to 3200 | 2244 to 3498 |
| Head | m | : | 7 to 4 | 7 to 4 | 24 to 12 | 8 to 5 | 20 to 9 |

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| | | | | | | |
|--------------------------|------|--|----------------------|----------------|---------------|--------------|
| Outside Dia of Bowls | mm | 245 | 245 | - | 245 | - |
| Inside Dia of Tubewell | mm | : 250 | 250 | - | 250 | - |
| Speed | rpm | : 1440 | 1440 | - | 1440 | - |
| Size | mm | : - | - | 125 x 125 | - | 125 x 125 |
| Motor | HP | : - | - | 15 | - | 12.5 |
| | KW | : - | - | 11 | - | 9.3 |
| Model | | (xvi) : 6 BM4-198 | (xvii) : 250 T2 | (xviii) : 9 SB | (xix) : 10 SA | (xx) : 11 SA |
| Cap | LPM | : 2640 to 3366 | 2700 to 4800 | 3000 to 3800 | 3180 to 4550 | 3500 to 3800 |
| Head | m | : 12 to 9 | 9 to 4 | 7 to 5 | 7 to 3 | 8 to 6 |
| Outside Dia of Bowls | mm | : - | 245 | 245 | 270 | 286 |
| Inside Dia of Tubewell | mm | : - | 250 | 250 | 300 | 300 |
| Speed | rpm | : - | 1440 | 1440 | 1440 | 1440 |
| Size | mm | : 125 x 125 | | | | |
| Motor | HP | : 7.5 | | | | |
| | KW | : 5.5 | | | | |
| 3. Manufacturer/Supplier | | : M/s Roto Pumps & Hydraulics Pvt. Ltd., 308, Osian Building, 12, Nehru Palace, New Delhi - 110 019. | | | | |
| Model | | : RDSC (Horizontal Split Casing) | | | | |
| Cap | LPM | : 1700 | | | | |
| PR | bar | : 7.5 | | | | |
| Temp | | : 100° C | | | | |
| Viscosity | CST | : 200 | | | | |
| 4. Manufacturer/Supplier | | : M/s Sigil (India) Services Pvt. Ltd., P. O. Box 952, Mumbai - 400 023. | | | | |
| Model | | (i) : MPN | (ii) : MPL | (iii) : MP | | |
| Cap | LPM | : 1080 to 3900 | - | 1040 TO 4968 | | |
| Head | m | : - | 4 to 20 | 17 to 6 | | |
| H P @ 1500 rpm | | : 5 to 10 | 5 to 10 | 6.25 | | |
| Capacity | LPM | : Above 5000 | | | | |
| 1. Manufacturer/Supplier | | : M/s B. E. Pumps Pvt. Ltd., 4, B.B.D. Bag East, Post Box No. 2550, Calcutta - 700 001. | | | | |
| Model | | (i) : M 2021 KK | (ii) : M 2022 KK | | | |
| Type | | : Multistage High Head | Multistage High Head | | | |
| Cap | LPM | : 3000 to 6000 | 3000 to 6000 | | | |
| Head | m | : 20 to 34 | 45 to 67 | | | |
| Size | L mm | : 906 | 1093 | | | |
| | W mm | : 534 | 534 | | | |

H : Pumping Machinery & Plant

| | | | | | | |
|--------------------------|---|--------------------|-------------------------------|------------------------------------|------------------|--|
| WT. | H | mm | : 719 | 719 | | |
| HP at 1450 | | kg | : 350 | 460 | | |
| | | rpm | : 44 to 53 | 90 to 103 | | |
| 2. Manufacturer/Supplier | : M/s International Combustion (India) Ltd., 101, Park Street, Calcutta - 700 016. | | | | | |
| Model | : Vacseal, Ruberlined Pump Single Stage | | | | | |
| Cap | LPM | : Upto 10900 | | | | |
| Head | m | : Upto 30 | | | | |
| Size | mm | : 35 to 200 | | | | |
| 3. Manufacturer/Supplier | : M/s Rohit Pumps & Engineering Corporation, Somnath Road, Bilimora - 396 321 Gujarat. | | | | | |
| Model | | (i) | (ii) | (iii) | (iv) | |
| Cap | LPM | : 6 BM5-220 | : 14 SA | : 15 SA | : 19 SA | |
| Head | m | : 3498 to 5808 | : 5300 to 7580 | : 7580 to 11370 | : 11370 to 26520 | |
| Outside Dia of Bowls | mm | : 24 to 12 | : 13 to 11 | : 17 to 13 | : 20 to 9 | |
| Inside Dia of Tubewell | mm | : - | : 350 | : 400 | : 500 | |
| Speed | rpm | : - | : 1440 | : 1440 | : 1440 | |
| Size | mm | : 150 x 150 | | | | |
| Motor | HP | : 30 | | | | |
| | KW | : 22.5 | | | | |
| 4. Manufacturer/Supplier | : M/s Roto Pumps & Hydraulics Pvt. Ltd., 308, Osian Building, 12, Nehru Place, New Delhi - 110 019. | | | | | |
| Model | : RMS (Horizontal Multistage) | | | | | |
| Cap | LPM | : 6000 | | | | |
| PR | bar | : 55 | | | | |
| Temp | : 100° C | | | | | |
| Viscosity | CST | : 200 | | | | |
| 5. Manufacturer/Supplier | : M/s Sigil (India) Services Pvt. Ltd., P. O. Box 952, Mumbai - 400 023. | | | | | |
| Model | (i) : Vertical Turbine Pump, Oil & Water Lubricated | | | | | |
| Cap | LPM | : 115 to 45500 | | | | |
| Head | m | : 100 | | | | |
| 6. Manufacturer/Supplier | : M/s Worthington Pump India Ltd., 28, Kasturba Gandhi Marg, New Delhi - 110 001. | | | | | |
| Model | | (i) | (ii) | (iii) | | |
| Cap | cum/hr | : Vertical Turbine | : DS (Horizontal Centrifugal) | : LR/LN/U (Horizontal Centrifugal) | | |
| Head | m | : 40,000 | : 5700 | : 45,000 | | |
| | | : 500 | : 170 | : 260 | | |

H : Pumping Machinery & Plant

H I (2) Unibuilt Pumps

Capacity LPM : Up to 2500

Manufacturer/Supplier : M/s Jyoti Marketing & Projects Ltd.,
Mumbai Shopping Centre, R. C. Dutta Road,
Vadodara - 390 005, Gujarat.

| | | | | | |
|-------------------------------|-----|---------------|----------------|---------------|---------------|
| | | (i) | (ii) | (iii) | (iv) |
| Model | | 40 UL 342-1.5 | 50 UL 342-2.2 | 50 UL 5A2-2.2 | 65 UL 382-2.2 |
| Cap | LPM | 156 to 318 | 246 to 582 | 246 to 618 | 400 to 850 |
| Head | m | 25 to 16 | 25 to 14 | 25 to 14 | 20 to 8 |
| HP | | 2.0 | 3.0 | 3.0 | 3.0 |
| Speed | rpm | 2880 | 2880 | 2880 | 2880 |
| Size of Suction & Delivery | mm | 40 x 40 | 50 X 50 | 50 x 50 | 65 x 65 |
| WT | kg | 50 | 51 | 49 | 53 |
| | | (v) | (vi) | (vii) | (viii) |
| Model | | 65 UL 382-3.7 | 75 UV 2B4-2.2 | 75 UL 5B2-3.7 | 75 UL 5B2-5.5 |
| Cap | LPM | 420 to 840 | 516 to 1200 | 660 to 1230 | 672 to 1392 |
| Head | m | 27 to 17 | 14 to 7 | 22 to 12 | 29 to 16 |
| HP | | 5.0 | 3.0 | 5.0 | 7.5 |
| Speed | rpm | 2880 | 1440 | 2880 | 2880 |
| Size of Suction & Delivery | mm | 65 x 65 | 80 x 80 | 80 X 80 | 80 x 80 |
| WT | kg | 69 | 83 | 77 | 105 |
| | | (ix) | (x) | | |
| Model | | 75 UL 5B2-7.5 | 100 UV 2B4-3.7 | | |
| Cap | LPM | 786 to 1410 | 996 to 2196 | | |
| Head | m | 35 to 22 | 13 to 7 | | |
| HP | | 10.0 | 5.0 | | |
| Speed | rpm | 2880 | 1440 | | |
| Size of Suction & Delivery | mm | 80 x 80 | 100 x 100 | | |
| WT | kg | 121 | 103 | | |

H I (3) Non-Clogging Pumps

1. **Manufacturer/Supplier** : M/s Dorr-Oliver (India) Ltd.,
Dorr-Oliver House, Chakala, Andheri (East),
Mumbai - 400 099.

| | | | |
|--------------|-----|-------------------|-------------------|
| | | (i) | (ii) |
| Model | | The Dorrco Type V | The Dorrco Type W |
| Cap | LPM | 830 | 2100 |
| Suction Lift | m | 4.25 | 4.25 |

2. **Manufacturer/Supplier** : M/s KSB Pumps Ltd.,
Mumbai Pune Road, Pimpri,
Pune - 411 018.

| | | | |
|---------------|-----|-----------|------|
| | | (i) | (ii) |
| Model | | KWP | KRTU |
| Cap | LPM | 10000 | 200 |
| Head | m | 100 | 24 |
| Speed | rpm | 2900 | - |
| Delivery Size | mm | 65 to 200 | - |

H : Pumping Machinery & Plant

3. Manufacturer/Supplier : M/s Roto Pumps & Hydraulics Pvt. Ltd.,
308, Osian Building, 12, Nehru Place,
New Delhi - 110 019.

| | | | |
|-----------|---------|--------|--------|
| Model | | (i) | (ii) |
| Cap | LPM | RSH | RSM |
| PR | kg/sqcm | 6000 | 5000 |
| Temp | rpm | 6.36 | 11.66 |
| Viscosity | CST | 100° C | 100° C |
| | | 200 | 200 |

HI (4) Sump Pumps

1. Manufacturer/Supplier : M/s Chicago Pneumatic India Ltd.,
3021/302, LBS Marg, Mulund,
Mumbai - 400 080.

| | | | | |
|------------------|-----|-----------|-----------|-------|
| Model | | (i) | (ii) | (iii) |
| Cap | LPM | CP 10 | CP 20 | CP 2 |
| Head | m | 454 | 714 | 1040 |
| Min Water Depth | mm | 30 | 30 | 26 |
| Min Pit Size for | | 22 | 22 | - |
| Pump to Enter | mm | 216 x 229 | 230 x 310 | - |
| H | mm | 368 | 440 | - |

2. Manufacturer/Supplier : M/s Hindustan Dorr-Oliver (India) Ltd.,
Dorr-Oliver House, Chakala, Andheri (East),
Mumbai - 400 099.

| | | |
|-----------|-----|--------------------------------|
| Model | | HDO Vertical Sump Pumps |
| Cap | LPM | 10 to 1200 |
| Pump Size | | 20 VSM, 40 VSM, 65 VSM, 80 VSM |

3. Manufacturer/Supplier : M/s IEC Dusterloh Pvt. Ltd.,
603, Sadashiv Peth, Laxmi Road,
Pune - 411 030.

| | | |
|---------------|----|---------|
| Model | | ISP 300 |
| Cap | | 325 |
| Head | m | 18 |
| Delivery Size | mm | 50.8 |

HI (5) Submersible Pumps

1. Manufacturer/Supplier : M/s Batlboi & Co. Ltd.,
Apeejay House, 6th Floor,
Dr. V. B. Gandhi Marg, Fort,
Mumbai - 400 023.

| | | | | | |
|------------------|-----|--------|--------|--------|--------|
| Model | | (i) | (ii) | (iii) | (iv) |
| Cap | LPM | KS 100 | KS-200 | KS-400 | KS-500 |
| Max Head | m | 450 | 950 | 1200 | 1300 |
| HP | | 16 | 17.5 | 22 | 28 |
| Max Power Input | KW | 2 | 3 | 5 | 7.5 |
| Strainer Opening | mm | 2.0 | 2.8 | 4.5 | 6.7 |
| Hose Connection | mm | 7 x 9 | 7 x 20 | 7 x 20 | 7 x 20 |
| WT | kg | 50 | - | 75 | - |
| | | 25 | 35 | 45 | 55 |

H : Pumping Machinery & Plant

2. Manufacturer/Supplier : M/s KSB Pumps Ltd.,
Mumbai - Pune Road, Pimpri,
Pune - 411 018.

| | | (i) | (ii) |
|---------------|-----|--------------|--------------|
| Model | : | - | KRTU |
| Cap | LPM | 500 to 13300 | 5750 |
| Head | m | Upto 350 | Upto 24 |
| Motor Rating | KW | Upto 250 | 15 |
| Size | mm | - | 65, 100, 150 |
| Speed | rpm | 2900 | - |
| Voltage | V | 300 to 440 | - |
| Well Dia | mm | 150 to 500 | - |
| Delivery Size | mm | 40 to 250 | - |

3. Manufacturer/Supplier : M/s Kulkarni Engineering Co.,
Plot A/100 MIDC, Phase - 1,
Dombivili - 421 202, District - Thane.

| | | (i) | (ii) | (iii) | (iv) | (v) |
|--------------------|-----|--------|--------|--------|-----------|-----------|
| Model | : | MP 150 | KS 100 | KS 200 | KS 500 HH | KS 400 HH |
| Cap | LPM | 450 | 575 | 900 | 990 | 1050 |
| Head | m | 12.5 | 15 | 16 | 40 | 25 |
| HP | : | 1.5 | 2 | 3 | 7.5 | 5 |
| Delivery Hose Size | mm | 50 | 62.50 | 75 | 75 | 75 to 100 |
| WT | kg | 18 | 20 | 32 | 55 | 48 |

| | | (vi) | (vii) | (viii) | (ix) | (x) | (xi) |
|--------------------|-----|-----------|-----------|--------|-----------|------------|-----------|
| Model | : | KS STD400 | KS 500STD | KS1000 | KSD 500HD | KS 2000HH | KS 2000HD |
| Cap | LPM | 1350 | 1500 | 2000 | 2100 | 2300 | 5000 |
| Head | m | 20 | 27.5 | 45 | 22.5 | 55 | 30 |
| HP | : | 5 | 7.5 | 15 | 7.5 | 25 | 25 |
| Delivery Hose Size | mm | 75 to 100 | 75 to 100 | 100 | 100 | 100 to 150 | 150 |
| WT | kg | 48 | 50 | 95 | 55 | 170 | 170 |

4. Manufacturer/Supplier : M/s Sigil (India) Services Pvt. Ltd.,
P. O. Box 952,
Mumbai - 400 023.

| | | (i) | (ii) | (iii) | (iv) |
|-------|-----|-------------------|-------------------|-------------|---------------|
| Model | : | DP-31,32,33,34,35 | DS 41,42,43,44,45 | DM-21,22,23 | DA-91, 92, 93 |
| Cap | LPM | 30 to 350 | 300 to 1200 | 500 to 1500 | 990 |
| Head | m | 180 to 24 | 110 to 20 | 200 to 20 | 100 to 10 |
| HP | : | 2.4 to 15 | 3 to 22.5 | 5 to 45 | 8 to 56 |

5. Manufacturer/Supplier : M/s SU Motors Pvt. Ltd.,
Model Town, Bal Rajashwari Road, Mulund,
Mumbai - 400 080.

| | | (i) | (ii) |
|------|-----|-----------------------------------|------------------|
| | | Dewatering Submersible Pumpset | Submersible Pump |
| Cap | LPM | Upto 1000000 | 20 to 20000 |
| Head | m | 100 | 250 |
| HP | : | 1.5 to 225 | 2 to 135 |
| rpm | : | 1450/2900 | - |

H : Pumping Machinery & Plant

6. Manufacturer/Supplier : M/s Worthington Pump India Ltd.,
28, Kasturba Gandhi Marg,
New Delhi - 110 001.

| | | (i) | (ii) | (iii) | (iv) | (v) | (vi) |
|----------|-----|-------------|-------------|--------------|--------------|---------------|-------------|
| Type | | GZ 6S | 4S | 5S | 6S | 6S1 | 7S |
| Capacity | LPM | 75 to 275 | 75 to 250 | 225 to 450 | 200 to 1300 | 200 to 1150 | 300 to 1200 |
| Head | m | 230 to 5 | 230 to 5 | 170 to 4 | 117 to 10 | 190 to 6 | 170 to 11 |
| HP | | 3 to 20 | 3 to 20 | 3 to 20 | 3 to 20 | 3 to 20 | 5 to 35 |
| | | | | | | | |
| Type | | (vii) 8S | (viii) 8S1 | (ix) 9S | (x) 10S | (xi) 12S | |
| Capacity | LPM | 800 to 1800 | 800 to 3550 | 1750 to 3750 | 1500 to 6000 | 2500 to 13000 | |
| Head | m | 66 to 15 | 173 to 10 | 119 to 11 | 168 to 14 | 300 to 50 | |
| HP | | 10 to 27.5 | 10 to 100 | 12.5 to 90 | 22.5 to 100 | 40 to 200 | |

H I (6) Chemical Pumps

1. Manufacturer/Supplier : M/s Dorr-Oliver (India) Ltd.,
Dorr-Oliver House, Chakala, Andheri (East),
Mumbai - 400 099.

| | | (i) | (ii) | (iii) | (iv) |
|---------------|-----|-----------|-----------|-----------|-----------|
| Model | | WKR | WKRK | WKRKS | WL/WKF |
| Type | | High PR | High PR | High PR | High PR |
| Cap | LPM | 6200 | 10500 | 10800 | 10800 |
| Head | m | 530 | 780 | 400 | 500 |
| Speed | rpm | 2900 | 2900 | 2900 | 2900 |
| Delivery Size | mm | 40 to 150 | 40 to 150 | 40 to 150 | 40 to 150 |

2. Manufacturer/Supplier : M/s KSB Pumps Ltd.,
Mumbai - Pune Road, Pimpri,
Pune - 411 018.

| | | (i) | (ii) | (iii) | (iv) | (v) | (vi) |
|---------------|-----|----------|----------|-----------|-----------------------|-----------|---------|
| Model | | MOVI WKL | WKB | HDA | ETA-VL(OIL) | HDB | ME |
| Type | | High PR | High PR | High PR | Vertical OIL Transfer | HighH PR | Booster |
| Cap | LPM | 330 | 3750 | 9600 | 10000 | 11600 | 33000 |
| Head | m | 250 | 650 | 1400 | 85 | 2050 | |
| Speed | rpm | 2900 | 2900 | 2900 | 1450 | 2900 | 1450 |
| Delivery Size | mm | 32 & 40 | 40 & 150 | 40 to 150 | 100 & 150 | 40 to 150 | 300 |

3. Manufacturer/Supplier : M/s Roto Pumps & Hydraulics Pvt. Ltd.,
308, Osian Building, 12, Nehru P₂ ace,
New Delhi - 110 019.

| | | (i) | (ii) | (iii) | (iv) | (v) |
|-----------|---------|--------|---------|--------|--------|--------|
| Model | | MR/MT | RNA/TNA | CNA | WNA | RB |
| Cap | LPM | 660 | 2000 | 830 | 1160 | 8 |
| PR | kg/sqcm | 9.54 | 25.44 | 25.44 | 25.44 | 2.968 |
| Temp | | 120° C | 120° | 120° C | 120° C | 120° C |
| Viscosity | CST | 30000 | 30000 | 30000 | 100000 | 10000 |

4. Manufacturer/Supplier : M/s SU Motors Pvt. Ltd.,
Model Town, Bal Rajashwari Road, Mulund,
Mumbai - 400 080.
Custom Built from 0.5 to 500 H. P., Horizontal as well as Vertical

H : Pumping Machinery & Plant

H I (7) Slurry Pumps

1. Manufacturer/Supplier : M/s Chicago Pneumatic India Ltd.,
301/302, LBS Marg, Mulund,
Mumbai - 400 080.

Model : CP 77
Cap LPM : 227 at 18 M Head
Head m : 50
H mm : 600
WT kg : 69

1. Manufacturer/Supplier : M/s Greaves Cotton & Co. Ltd.,
1, Dr. V. B. Gandhi Marg,
Mumbai - 400 023.

| | | (i) | (ii) | (iii) | (iv) | (v) |
|--------------|-----|------|--------------------------------|-------------------------------|-------|----------|
| Model | | GP 6 | GP 15 (Triplex Mud Pump) | GP 20 (Duplex Mud Pump) | GP 28 | GP 37 |
| Cap | LPM | 75 | 150 | 175 | 500 | 500 |
| HP | | 6 | 17 | 20 | 28 | 20 to 37 |
| Suction Dia | mm | 50.8 | 38.1 | 76.2 | 76.2 | 76.2 |
| Delivery Dia | mm | 38.1 | 31.7 | 50.8 | 50.8 | 50.8 |
| WT | kg | 80 | - | - | - | - |

2. Manufacturer/Supplier : M/s Hindustan Dorr Oliver Ltd.,
Dorr Oliver House, Chakala, Andheri (East),
Mumbai - 400 099.

Pump Size mm : 50, 100, 150, 200 & 250
Cap LPM : 18300
Head m : Upto 44

3. Manufacturer/Supplier : M/s Tractor Engineers Ltd.,
Saki - Vihar Road,
P. O. Box 8913, Saki Naka,
Mumbai - 400 072.

Type : Tengl - Mission Magnum I
Suction Dia mm : 75 to 200
Discharge Dia mm : 50 to 150
Casing Dia mm : 325, 350 & 275

4. Manufacturer/Supplier : M/s Voltas Ltd.,
19, J. N. Heredia Road,
Ballard Estate,
Mumbai - 400 038.

| | | (i) | (ii) | (iii) |
|-------|---------|---------------|---------------|-------------|
| Model | | Volpump 200 | Volpump 400 | Volpump 470 |
| Cap | LPM | 75 | 151 | 190 |
| PR | kg/sqcm | 35.15 | 35.15 | 52.5 |
| Model | | (iv) | (v) | |
| | | Volpump 4 x 5 | Volpump 4 x 6 | |
| Cap | LPM | 393 to 139 | 1091 to 210 | |
| PR | kg/sqcm | 19.60 to 55 | 14.50 to 70 | |

H : Pumping Machinery & Plant

H I (8) Vacuum Pumps

(a) Single Stage

Manufacturer/Supplier : M/s SLM-Maneklal Industries Ltd.,
Vaswani Mansion, Dinshaw Vachha Road,
Post Box No. 11066,
Mumbai - 400 020.

| | | (i) | (ii) | (iii) | (iv) | (v) |
|-------|---------|------|-------|--------|------|------|
| Model | | V20 | V30 | V40 | V55 | V55 |
| Cap | cu m/hr | 230 | 314 | 440 | 565 | 760 |
| Motor | HP | 7.5 | 10.0 | 15 | 17.5 | 25.0 |
| Speed | rpm | 1450 | 980 | 980 | 725 | 980 |
| | | (vi) | (vii) | (viii) | | |
| Model | | V70 | V80 | V230 | | |
| Cap | cu m/hr | 1000 | 1040 | 2680 | | |
| Motor | HP | 30 | 30 | 70 | | |
| Speed | rpm | 725 | 725 | 580 | | |

(b) Two Stage

Manufacturer/Supplier : M/s SLM-Maneklal Industries Ltd.,
Vaswani Mansion, Dinshaw Vachha Road,
Post Box No. 11066,
Mumbai - 400 020.

| | | (i) | (ii) | (iii) | (iv) | (v) | (vi) |
|-------|---------|---------|---------|---------|---------|---------|---------|
| Model | | V 30/14 | V 40/20 | V 55/30 | V 70/30 | V 55/30 | V 70/30 |
| Cap | cu m/hr | 292 | 410 | 520 | 665 | 665 | 900 |
| Motor | HP | 10 | 15 | 15 | 20 | 25 | 25 |
| Speed | rpm | 980 | 980 | 725 | 725 | 980 | 980 |

(c) Water Ring

Manufacturer/Supplier : M/s SLM-Maneklal Industries Ltd.,
Vaswani Mansion, Dinshaw Vachha Road,
Post Box No. 11066,
Mumbai - 400 020.

| | | (i) | (ii) | (iii) | (iv) | (v) | (vi) |
|-----------------------|---------|----------|----------|----------|-----------|-----------|---------|
| Model | | WK/WV4 | WK/WV7 | WK/WV 12 | WK/WV 15 | WK/WV 20 | WK/WV30 |
| Cap | cu m/hr | 49 | 81 | 123 | 160 | 220 | 330 |
| HP | | 4 | 5 | 7.5 | 7.5 | 10 | 15 |
| Speed | rpm | 2850 | 2850 | 2850 | 1450 | 1450 | 1450 |
| Water Consumption LPM | | 7 | 9 | 14 | 16 | 20 | 30 |
| WT | kg | 34 | 42 | 50 | 170 | 185 | 220 |
| | | (vii) | (viii) | (ix) | (x) | (xi) | |
| Model | | WK/WV 40 | WK/WV 60 | WK/WV 80 | WK/WV 100 | WK/WV 150 | |
| Cap | cu m/hr | 440 | 725 | 850 | 1080 | 1500 | |
| HP | | 20 | 30 | 35 | 40 | 65 | |
| Speed | rpm | 1450 | 980 | 980 | 980 | 725 | |
| Water Consumption LPM | | 40 | 60 | 80 | 100 | 150 | |
| WT | kg | 245 | 295 | 515 | 530 0 | 910 | |

H : Pumping Machinery & Plant

| | | | |
|-------------------|---------|-----------|-----------|
| | | (xii) | (xiii) |
| Model | | WK/WV 200 | WK/WV 400 |
| Cap | cu m/hr | 2030 | 3650 |
| HP | | 90 | 200 |
| Speed | rpm | 725 | 580 |
| Water Consumption | LPM | 200 | 350 |
| WT | kg | 1080 | - |

H II PUMP FITTINGS

H II (1) Pump Valves

- Manufacturer/Supplier : M/s Kejriwal Iron & Steel Works,
Draupadi Mansion, 11, Brabourne Road,
Calcutta - 700 001.
- i) Sluice Valves
Size : 50 to 300 mm for Water Works Purposes.
 - ii) Sluice Valves for Nominal Pressure PN 0.4
Nominal Size : 700 to 1200 mm
 - iii) Sluice Valves for Nominal Pressure PN 0.6
Nominal Size : 350 to 1200 mm
 - iv) Sluice Valves for Nominal Pressure PN 1.0
Nominal Size : 350 to 1200 mm
 - v) Sluice Valves for Nominal Pressure PN 1.6
Nominal Size : 350 to 600 mm

H III PIPES AND FITTINGS

H III (1) Pipes

(1) Pipes

(a) Polyethylene

- Manufacturer/Supplier : M/s Polyolefins Industries Ltd.,
Plastic Products Division, C-1, MIDC Industrial Area,
P. O. Shivoni, Dist. Akola - 444 104 (M.S.)
- Type : High Density
- Sizes : 20 mm OD to 630 mm OD Ranging in Five Different
Working Classes viz.. 2, 2.5, 4.6 & 10 kg/sq cm

(b) Steel

- Manufacturer/Supplier : M/s Steel Authority of India Ltd.,
Central Marketing Organisation,
2, Fairlie Place, Calcutta - 700 001.
- | | | | |
|----------------|----|-------------------|-----------------------|
| | | (i) | (ii) |
| Model | | Erw Steel Tubes | Spirally Welded Pipes |
| Outer Diameter | mm | 219.075 to 406.40 | 400 to 1625.6 |
| Wall Thickness | mm | 4.80 to 9.62 | 5.56 to 9.52 |

H III (2) Hoses

1. Manufacturer : M/s Electromag Devices Pvt. Ltd.,
Unique Industrial Estate, Off Veer Savarkar Marg,
Post Box 9141, Prabhadevi,
Mumbai - 400 025.

H : Pumping Machinery & Plant

Supplier : M/s Gaurav Agencies,
18, Ismail Building, 381, Dr. D. N. Road,
Opp. Flora Fountain,
Mumbai - 400 023.

Dia mm : 15 to 51
L m : 9 to 26

2. Manufacturer/Supplier : M/s Flexibles,
65, Industrial Area,
(Near Bharat Carbon), N.I.T.
Faridabad - 121 001.

| | | (i) | (ii) | (iii) | (iv) |
|-------------|---------|---------------|---------------|---------------|---------------|
| Model | | R 1 | R 2 | R 5 | R 8 |
| Type | | Wire Braided | Wire Braided | Wire Braided | Wire Braided |
| Size | ID mm | 4.7 to 50.80 | 4.7 to 50.80 | 4.7 to 46.0 | 6.3 to 31.5 |
| | OD mm | 12.5 to 69.0 | 16.0 to 69.0 | 13.6 to 61.6 | 19.0 to 52.4 |
| Working PR | kg/sqcm | 2.10 to 0.263 | 3.52 to 0.703 | 2.10 to 0.245 | 4.91 to 1.76 |
| Testing PR | kg/sqcm | 4.22 to 0.527 | 7.02 to 1.40 | 4.22 to 0.492 | 9.85 to 3.52 |
| Bursting PR | kg/sqcm | 8.44 to 1.05 | 14.05 to 2.80 | 8.44 to 0.97 | 19.68 to 7.03 |

| | | (v) | (vi) | (vii) |
|--------------|---------|----------------|----------------|----------------|
| Model | | R 4 | R 3 | R 6 |
| Type | | Rayon Braided | Rayon Braided | Rayon Braided |
| Size | ID mm | 19.0 to 67.2 | 6.5 to 31.5 | 4.7 to 16.0 |
| Min Bursting | OD mm | 34.5 to 94.0 | 14.4 to 44.0 | 11.3 to 23.0 |
| Working PR | kg/sqcm | 0.210 to 0.039 | 0.878 to 0.280 | 0.352 to 0.245 |
| Testing PR | kg/sqcm | 0.422 to 0.076 | 1.76 to 0.563 | 0.702 to 0.491 |
| Bursting PR | kg/sqcm | 0.844 to 0.155 | 3.52 to 1.13 | 0.702 to 0.985 |

3. Manufacturer/Supplier : M/s Integral Pneumatic Co. Ltd.,
Municipal Corporation Building,
Shakti Nagar Chowk, Delhi - 110 007.

| | | (i) | (ii) | (iii) |
|-----------------|---------|--------------|--------------|--------------|
| Model | | ITR - 1 | ITR - 3 | ITR - 5 |
| Size | ID mm | 4.8 to 50.8 | 4.8 to 38.1 | 4.8 to 46.0 |
| | OD mm | 12.7 to 66.7 | 12.7 to 50.8 | 13.1 to 56.4 |
| Max Working PR | kg/sqcm | 210 to 26 | 105 to 18 | 210 to 25 |
| Min Bursting PR | kg/sqcm | 845 to 105 | 420 to 70 | 8.44 to 0.97 |
| Model | | (iv) ITR - 2 | (v) ITR - 4 | (vi) ITR - 6 |
| Size | ID mm | 4.8 to 50.8 | 19.0 to 76.2 | 4.8 to 22.2 |
| | OD mm | 15.9 to 69.8 | 34.9 to 95.2 | 11.1 to 27.0 |
| Max Working PR | kg/sqcm | 350 to 79 | 21 to 4 | 35 to 21 |
| Min Bursting PR | kg/sqcm | 1405 to 315 | 84 to 16 | 140 to 84 |

4. Manufacturer/Supplier : M/s Swastik Rubber Products Ltd.,
Swastik House,
Khadki
Pune - 411 003.

H : Pumping Machinery & Plant

| | | | | | | | |
|--------------------------|---|---------|--------------|--------------|--------------|--------------|--------------|
| Model | | | (i) | (ii) | (iii) | (iv) | (v) |
| Size | ID | mm | SR - 1 | SR - 1AT | SR - 2 | SR - 2AT | SR - 5-C |
| | OD | mm | 6.4 to 50.8 | 6.4 to 50.8 | 6.4 to 50.8 | 6.4 to 50.8 | 4.8 to 46.0 |
| Max Working PR | | kg/sqcm | 15.1 to 66.7 | 14.1 to 65.9 | 17.5 to 69.8 | 15.7 to 68.6 | 13.1 to 56.4 |
| | | | 193 to 26 | 193 to 26 | 352 to 79 | 352 to 79 | 211 to 25 |
| Model | | | (vi) | (vii) | (viii) | (ix) | (x) |
| Size | ID | mm | SR - 5-R | SR - 8 | SR - 3 | SR - 4 | SR-6 |
| | OD | mm | 6.4 to 46.0 | 6.4 to 50.8 | 4.8 to 38.1 | 19.0 to 50.8 | 4.8 to 22.2 |
| Max Working PR | | kg/sqcm | 14.7 to 56.4 | 19.8 to 71.4 | 12.7 to 50.8 | 34.9 to 69.9 | 11.1 to 27.0 |
| | | | 175 to 25 | 492 to 141 | 105 to 17.6 | 21 to 7 | 35 to 21 |
| Model | | | (xi) | (xii) | (xiii) | | |
| Size | ID | mm | SR - 70 | SR - 71 | SR - 72 | | |
| | OD | mm | 4.8 to 38.1 | 6.4 to 50.8 | 6.4 to 50.8 | | |
| Max Working PR | | kg/sqcm | 12.7 to 50.8 | 15.1 to 66.7 | 17.5 to 69.8 | | |
| | | | 5 | 10.5 | 14 | | |
| 5. Manufacturer/Supplier | : M/s Teksons Ltd., Post Box No. 6588, Kakad Chambers Annexe, 132, Dr. Annie Besant Road, Worli, Mumbai - 400 018. | | | | | | |
| Type | | | (i) | (ii) | (iii) | (iv) | (v) |
| Dia | mm | | GCVA | GC/V | S | SP 4/2 | 100 R1 |
| Working PR | kg/sqcm | | 4.5 to 32 | 4.5 to 20 | 4.5 to 32 | 6.4 to 50.8 | 6.4 to 60 |
| | | | 60 to 25 | 35 to 13 | 35 to 15 | 840 to 280 | 193 to 26 |
| | | | | | | | 469 to 94 |

H III (3) Couplings

1. Manufacturer/Supplier : M/s Micon Engineers,
25, Netaji Subhas Road,
Calcutta - 700 001.
(1) Qwik PEC Coupling for Plain End Pipe
(2) Qwik GEC Coupling for Grooved End Pipe
(3) Hugger Type for Hdpe Pipe
 2. Manufacturer/Supplier : M/s Nanda Manufacturing Company,
32, A. C. R. Avenue,
Calcutta - 700 012.
- Types
- PE : For 40 to 2000 mm N.B. Pipes
 HDPE : For 63 to 315 mm O.D. Hdpe Pipes
 GE : For 40 to 600 mm N.B. Pipes

H III (4) Hose Couplings

1. Manufacturer/Supplier : M/s Micon Engineers,
25, Netaji Subhas Road,
Calcutta - 700 001.
(1) Claw Coupling
(2) Hose Clamp
5. Manufacturer/Supplier : M/s Teksons Ltd.,
Post Box No. 6588, Kakad Chambers Annexe,
132, Dr. Annie Besant Road, Worli,
Mumbai - 400 018.

H : Pumping Machinery & Plant

| | (i) | (ii) | (iii) | (iv) |
|----------|----------------------------------|-----------------------------------|--------------|----------------------------------|
| | Couplings for Low Pressure Hoses | Couplings for High Pressure Hoses | FT Cpuplings | Push-Pull Self Sealing Couplings |
| Dia mm : | 5 to 35 | 6 to 52 | 4.6 to 60 | Length : 60 to 101 mm |

H IV WATER TREATMENT PLANTS

Manufacturer/Supplier : M/s I.A.E.C. India Ltd.,
43, Dr. V. B. Gandhi Marg, Fort,
Mumbai - 400 018.

a) Demineralisers

| | (i) | (ii) | (iii) | (iv) | (v) |
|---------------------|-------|----------|----------|----------|----------|
| Model : | AG 50 | AG - 100 | AG - 200 | AG - 400 | AG - 800 |
| Cap in 1 pH | | | | | |
| min : | 40 | 85 | 150 | 250 | 500 |
| Max : | 150 | 250 | 600 | 960 | 2000 |
| Working PR psig : | 10-20 | 10-20 | 10-20 | 25-35 | 35-40 |
| Dimension Mixed Bed | | | | | |
| Min Dia mm : | 100 | 150 | 200 | 250 | 300 |
| H mm : | 1500 | 1500 | 1500 | 1500 | 2000 |

(b) Water Softeners

(c) Ion Exchangers

(d) Filtration Plants

(e) Chlorinators

(f) Effluent Treatment Plants

(g) Degassifiers