

UK Encore 700 Configuration codes



| Capacity & Back Pressure / Gear Box | Drive Type | Motor Frame | Motor | Valve Type | Head & Valve Material | Valve Connections | Stroke Control Mode |
|-------------------------------------|------------|-------------|-------|------------|-----------------------|-------------------|---------------------|
|-------------------------------------|------------|-------------|-------|------------|-----------------------|-------------------|---------------------|

| Capacity & Back Pressure / Gear Box | Code |
|--|------|
| 3.9 L/H (US 1 G/H) at 12 Bar (175 PSI) at 30 SPM | E7A1 |
| 7.9 L/H (US 2.1 G/H) at 12 Bar (175 PSI) at 60 SPM | E7A2 |
| 15.8 L/H (US 4.2 G/H) at 12 Bar (175 PSI) at 120 SPM | E7A3 |
| 18.5 L/H (US 5 G/H) at 12 Bar (175 PSI) at 144 SPM | E7A4 |
| 20.5 L/H (US 5.4 G/H) at 12 Bar (175 PSI) at 30 SPM | E7B1 |
| 41 L/H (US 10.8 G/H) at 12 Bar (175 PSI) at 60 SPM | E7B2 |
| 82 L/H (US 21.7 G/H) at 12 Bar (175 PSI) at 120 SPM | E7B3 |
| 98.4 L/H (US 26 G/H) at 12 Bar (175 PSI) at 144 SPM | E7B4 |
| 39.5 L/H (US 10.4 G/H) at 10 Bar (150 PSI) at 30 SPM | E7C1 |
| 79 L/H (US 21 G/H) at 10 Bar (150 PSI) at 60 SPM | E7C2 |
| 158 L/H (US 41 G/H) at 10 Bar (150 PSI) at 120 SPM | E7C3 |
| 190 L/H (US 50.2 G/H) at 10 Bar (150 PSI) at 144 SPM | E7C4 |
| 60.7 L/H (US 16 G/H) at 9 Bar (130 PSI) at 30 SPM | E7D1 |
| 121.4 L/H (US 32.1 G/H) at 9 Bar (130 PSI) at 60 SPM | E7D2 |
| 242 L/H (US 64.2 G/H) at 9 Bar (130 PSI) at 120 SPM | E7D3 |
| 291.4 L/H (US 77 G/H) at 9 Bar (130 PSI) at 144 SPM | E7D4 |
| 142 L/H (US 37.5 G/H) at 5 Bar (75 PSI) at 30 SPM | E7E1 |
| 283.9 L/H (US 75 G/H) at 5 Bar (75 PSI) at 60 SPM | E7E2 |
| 567.8 L/H (US 150 G/H) at 5 Bar (75 PSI) at 120 SPM | E7E3 |
| 681.3 L/H (US 180 G/H) at 5 Bar (75 PSI) at 144 SPM | E7E4 |
| 260 L/H (US 68.7 G/H) at 3 Bar (45 PSI) at 30 SPM | E7Q1 |
| 520 L/H (US 137.4 G/H) at 3 Bar (45 PSI) at 60 SPM | E7Q2 |
| 1040 L/H (US 275 G/H) at 3 Bar (45 PSI) at 120 SPM | E7Q3 |
| 1250 L/H (US 330 G/H) at 3 Bar (45 PSI) at 144 SPM | E7Q4 |

| Drive Type | Code |
|---|------|
| Direct Drive (1:1 range , stroke frequency) | D |
| Pulley Drive (4:1 range, stroke frequency) | P |

| Motor Frame | Code |
|--------------|------|
| 56C Frame | A |
| 143 TC Frame | B |
| D71 Frame | C |
| D80 Frame | D |
| D90 Frame | E |

| Stroke Control Mode | Code |
|--|------|
| Manual | 1 |
| Auto (115VAC) to be used with SFC-SC or SFC-PC | 2 |
| Auto (230VAC) to be used with SFC-SC or SFC-PC | 3 |
| Auto (115VAC) to be used with direct 4-20mA input Signal | 4 |
| Auto (230VAC) to be used with direct 4-20mA input Signal | 5 |

| Motor | Code |
|---|------|
| 110/230 volt 1 Phase 0.37kw Gloss Black | A |
| D71 220/440 Volt 3 Phase 0.37kW Gloss Black | B |
| D80 220/440 Volt 3 Phase 0.75kW Gloss Black | C |
| D71 220/440 Volt 3 Phase 0.55kW Gloss Black | D |
| D80 220/440 Volt 3 Phase 0.75kw WEG Blue | E |
| D80 220/440 Volt 3 Phase 0.37kW Gloss Black | F |
| D80 220/440V 3 Phase 0.75k TEFC W Gloss Black | G |
| D80 220/440 Volt 3 Phase 0.75kw WEG Blue WIMMES | H |
| D80 220/440 Volt 3 Phase 0.75kw ABB WIMMES | I |
| D71 220/440 Volt 3 Phase 0.37kW Brooks WIMMES | J |

| Valve Type | Code |
|--------------|------|
| Single Ball | S |
| Double Valve | D |

| Head & Valve Materials | Code |
|--|------|
| PVC Head, PVC Retainers, 316SS Seats, 316SS Balls, Hypalon O Rings | A |
| PVC Head, PVC Retainers, 316SS Seats, 316SS Balls, Viton O Rings | B |
| PVC Head, PVC Retainers, PVC Seats, PTFE Balls, Hypalon O Rings | C |
| PVC Head, PVC Retainers, PVC Seats, PTFE Balls, Viton O Rings | D |
| PVC Head, PVC Retainers, PVC Seats, PTFE Balls, EPDM O Rings | E |
| PVC Head, PVC Retainers, PVC Seats, Ceramic Balls, Hypalon O Rings | F |
| PVC Head, PVC Retainers, PVC Seats, Ceramic Balls, Viton O Rings | G |
| PVDF Head, PVDF Retainers, 316SS Seats, 316SS Balls, Hypalon O Rings | H |
| PVDF Head, PVDF Retainers, 316SS Seats, 316SS Balls, Viton O Rings | I |
| PVDF Head, PVDF Retainers, PVDF Seats, PTFE Balls, Hypalon O Rings | J |
| PVDF Head, PVDF Retainers, PVDF Seats, PTFE Balls, Viton O Rings | K |
| PVDF Head, PVDF Retainers, PVDF Seats, Ceramic Balls, Hypalon O Rings | L |
| PVDF Head, PVDF Retainers, PVDF Seats, Ceramic Balls, Viton O Rings | M |
| SS Head, 316 SS Retainers, 316SS Seats, 316SS Balls, Hypalon O Rings | N |
| SS Head, 316 SS Retainers, 316SS Seats, 316SS Balls, Viton O Rings | O |
| SS Head, 316 SS Retainers, 316SS Seats, 316SS Balls, EPDM O Rings | P |
| PVC Head, Slurry Valves- SS Guides, Ceramic Seats, Poly Balls, Hypalon rings | Q |
| PVC Head, Polymer Valves- PVC Seats, PTFE Balls (sprung), Viton rings | R |
| PVC Head, Slurry Valves, SS Seats, SS Balls, Viton Rings | T |

| Valve Connections | Code |
|--|------|
| NPT | A |
| Socket (Only Available with PVC Heads) | B |
| BSP (Only Available with PVC Heads) | D |