

Product Data Sheet

Lift Shaft Pump Station



| | |
|--------------------------------|---|
| Enclosure | Steel IP66 rated finished in Grey. 800H x 600W x 300D |
| Manometric suction lift | Up to 9 m (HS) |
| Maximum Discharge Lift | 55m |
| Strainer Foot valve | 28mm compression |
| Discharge Connection | 1" BSP male |
| Internal Pipework and fittings | 28mm copper and 28mm/1" brass compression fittings |
| Pump | Pedrollo JCRm2B-N - auto priming, stainless steel body and impeller |
| Controller | FG Simplex single phase pump controller |
| Float switches / bracket | 3 finger float switches with 5m leads including mounting bracket |
| Total Weight | 38Kgs |
| BMS | NC/COM/NO dry contacts and 12v contacts for optional siren/beacon |

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| MODEL | | POWER | | Q m ³ /h l/min | H metres | | | | | | | | | | | | | |
|--------------|-------------|-------|------|---------------------------------|----------|------|------|------|------|------|------|------|------|------|-----|-----|--|--|
| Single-phase | Three-phase | kW | HP | | 0 | 0.3 | 0.6 | 1.2 | 1.5 | 1.8 | 2.4 | 2.7 | 3.0 | 3.3 | 3.6 | 4.2 | | |
| JCRm 1C-N | - | 0.37 | 0.50 | 0 | 5 | 10 | 20 | 25 | 30 | 40 | 45 | 50 | 55 | 60 | 70 | | | |
| JCRm 1B-N | JCR 1B-N | 0.50 | 0.70 | 35 | 31 | 27.5 | 22 | 19.5 | 17 | 14.5 | 13 | 11.5 | 11 | | | | | |
| JCRm 1A-N | JCR 1A-N | 0.60 | 0.85 | 41 | 36 | 33 | 26.5 | 23.5 | 21.5 | 17.5 | 16 | 15 | 14 | | | | | |
| JCRm 2C-N | JCR 2C-N | 0.75 | 1 | 48 | 43 | 39 | 32 | 29.5 | 27.5 | 23 | 21.5 | 19.5 | 18 | | | | | |
| JCRm 2B-N | JCR 2B-N | 0.90 | 1.25 | 50 | 47 | 44 | 38.5 | 36 | 34 | 29.5 | 27.5 | 26 | 24 | 22.5 | 20 | | | |
| JCRm 2A-N | JCR 2A-N | 1.1 | 1.5 | 55 | 52 | 49 | 43.5 | 40.5 | 38 | 33.5 | 31.5 | 29 | 27.5 | 26 | 23 | | | |
| | | | | 60 | 56 | 56 | 47.5 | 44.5 | 42 | 37.5 | 35.5 | 34 | 31.5 | 29.5 | 27 | | | |

Q = Flow rate H = Total manometric head HS = Suction height

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n = 2900 1/min HS = 0 m

