

CPVL SERIES

HYDRAULIC PILOT
CONTROL



LOADER TYPE PILOT CONTROL

CPVL Pilot Control Valves is part of the extensive range of Hydreco Hydraulics product, and with the inclusion of electrical and mechanical detent is designed specifically for Wheeled Loader applications.

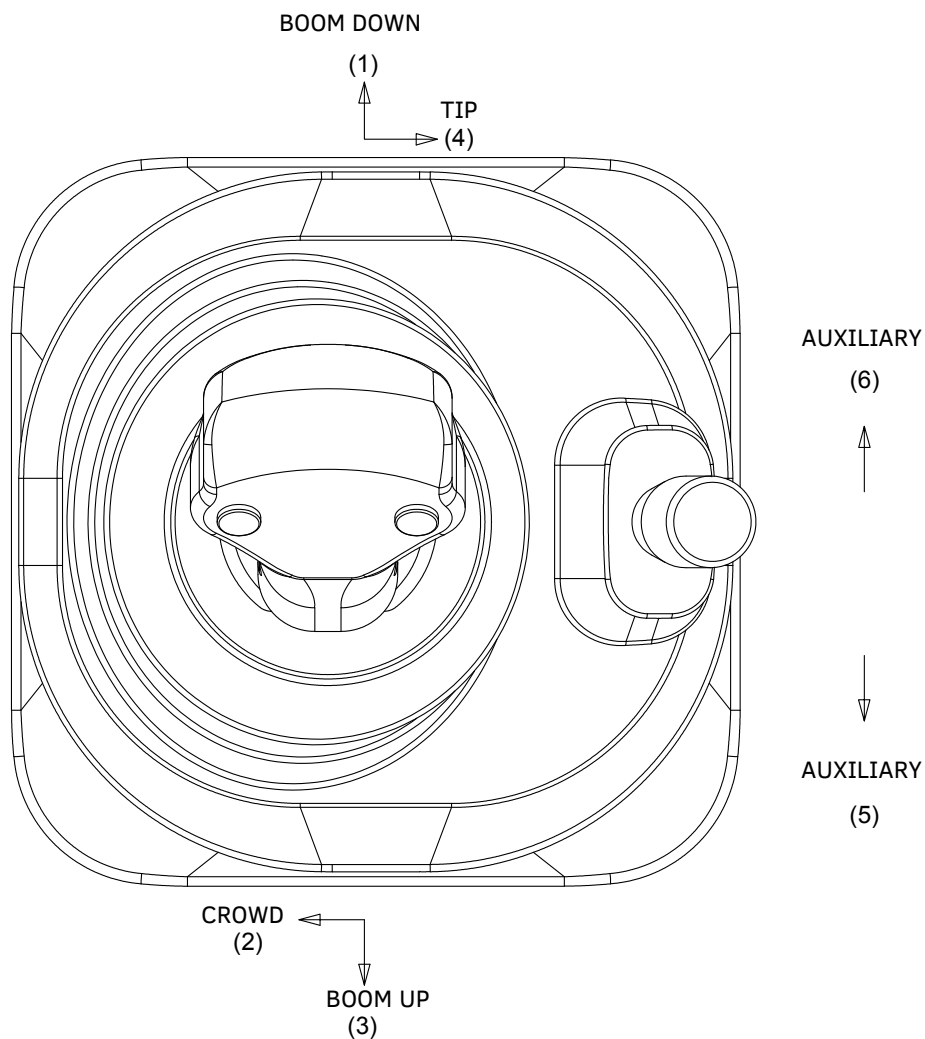
The product is supported by an extensive range of control curve characteristics and handles options, and can be supplied to control either two service or three service loader applications.

Our engineers can offer specialistic support to ptimise this product to suit your application.

BENEFITS

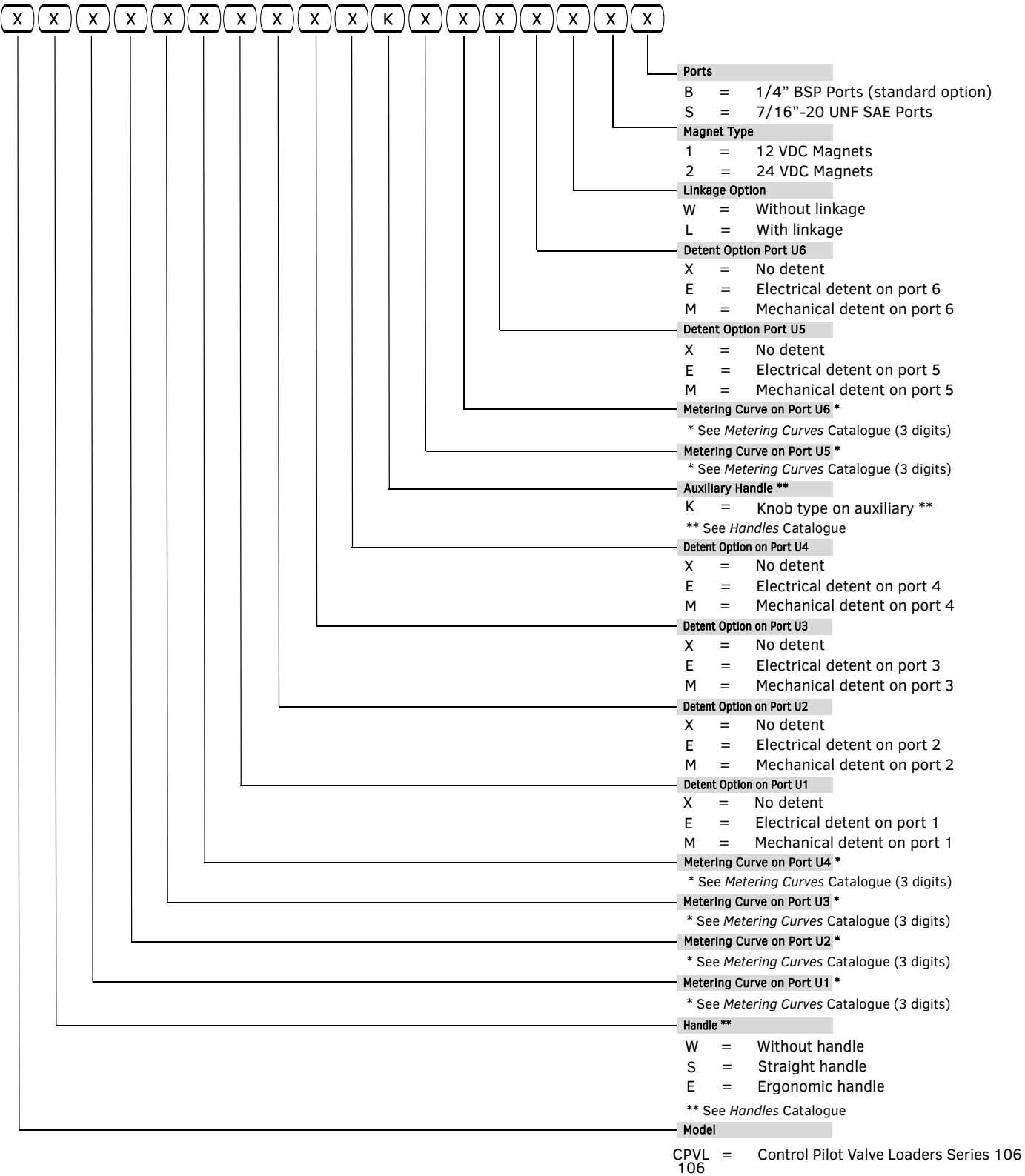
- Compact and lightweight
- Optional linkage for main and auxiliary levers connection
- Operator is protected from high temperature components
- Low hysteresis, high accuracy pressure control curves
- Wide range of electrical options in both standard and multi-functional ergonomic handles
- Low effort control with spring centered and both electrical and mechanical detented versions available

MAIN STRUCTURE

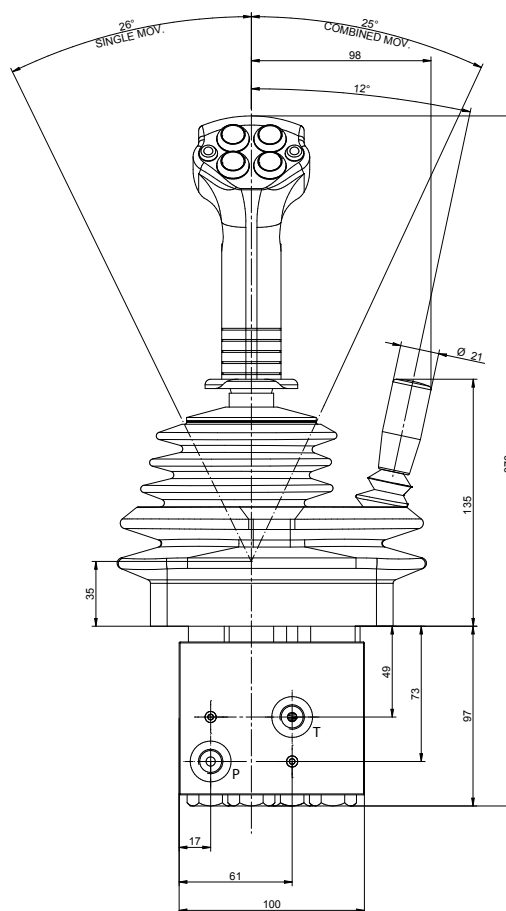


CPVL SERIES - MODEL CODING

Hydreco Hydraulics reserves the right to update the information and data contained in this catalogue at any time without notice



CONTROL PILOT VALVE LOADERS SERIES 106, ERGONOMIC HANDLE MFE, METERING CURVE N. 018 ON PORT U1, METERING CURVE N. 050 ON PORT U2, METERING CURVE N. 050 ON PORT U3, METERING CURVE N. 050 ON PORT U4, MECHANICAL DETENT ON PORT U1, HANDLE KG FOR AUXILIARY, METERING CURVE N. 050 ON PORT U5, METERING CURVE N.018 ONFOR PORT U6, ELECTRICAL DETENT ON PORT U6, WITHOUT LINKAGE, 12 VDC MAGNETS, STANDARD PORTS 1/4" BSP:
CPVL106-E-018-050-050-050-M-X-X-X-KG-050-018-X-E-W-1-B



Service ports: P, T, U1, U2, U3, U4, U5, U6; 1/4" BSP
Maximum inlet pressure: Port P - 50 bar
Maximum back pressure: Port T - 3 bar
Supply flow range: From 5 up to 20 litres/min
Maximum hysteresis: +/- 0.5 bar
Fluid: Mineral Oils ISO, M and HV
Contamination class: 20/18/15 ISO 4406:1999
Fluid temperature range: from -20° to +80°C

Technical drawing of a rectangular frame. The overall dimensions are 107 (width) and 104 (height). The inner dimensions are 104 (width) and 93 (height). There are four circular holes, one in each corner, with a diameter of $\varnothing 7 \times 4$. The drawing shows a double-line border and dashed lines indicating the inner frame and hole positions.

Technical drawing of the front view of a square metal plate. The drawing shows a square plate with rounded corners and a central square area. The outer dimensions are 131 mm by 131 mm. The inner square area has dimensions of 119 mm by 119 mm. The plate features six hexagonal bolt holes labeled U1 through U6. The bolt holes are arranged in a hexagonal pattern. The distance between the centers of the bolt holes is 44 mm. The distance from the center of a bolt hole to the nearest corner is 22 mm. The distance from the center of a bolt hole to the nearest edge is 9.5 mm. The plate has four mounting tabs, each with a hole. The distance from the center of a mounting tab hole to the nearest corner is 22 mm. The distance from the center of a mounting tab hole to the nearest edge is 9.5 mm. The plate has a thickness of 1.5 mm. The drawing includes dimension lines and arrows indicating the measurements.

Supported by a worldwide network



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