

Leading Features –Hydraulic Power Unit – Internal HPU-RRC

ITEM	DESCRIPTION
A. HYDRAULIC SYSTEM	1. Hydraulic system does not require continuous pump operation 2. Brake set time adjustable by flow control system 3. All valves and/or solenoid coils are easily accessible or replaced without disassembly of other mechanical or electrical hydraulic power unit components
B. HYDRAULIC OIL	<ul style="list-style-type: none"> • ISO VG32 or equivalent
C. MOTOR	<ul style="list-style-type: none"> • TEFC • IEC with IE2 and IE3 efficiency motor options available
D. PUMP	<ul style="list-style-type: none"> • Fixed displacement gear pump
E. SOLENOID VALVE	<ul style="list-style-type: none"> • Two way on-off poppet valve with high flow capacity & "zero-leakage" • Normally open solenoid valve with manual override function • Solenoid valve with DIN connector
F. SOLENOID COIL	<ul style="list-style-type: none"> • No additional water/weather proofing is required. • Steel Shell Encapsulated design provides protection against physical and environmental damage. • Environmental Protection IP65
G. RELIEF VALVE	<ul style="list-style-type: none"> • Relief valve pressure is set at app. 125% above operating pressure.
H. FLOW CONTROL VALVE	<ul style="list-style-type: none"> • To provide adjustable clamp set time up to 30 seconds
I. SUCTION FILTER	<ul style="list-style-type: none"> • BRELX standard product
J. PRESSURE SWITCH	<ul style="list-style-type: none"> • For motor cut-off signal • CSA, UL approved
K. TEMP & LEVEL SWITCH	<ul style="list-style-type: none"> • BRELX standard product. • CSA, UL approved
L. HAND PUMP	<ul style="list-style-type: none"> • BRELX Standard for hydraulic manual release
M. ACCUMULATOR	<ul style="list-style-type: none"> • Not required
N. HOSES	<ul style="list-style-type: none"> • Non-Skiving type, rated for pressure 30 MPa (4350 PSI)
O. FITTINGS	<ul style="list-style-type: none"> • All hydraulic fittings with zinc plated coating for corrosion protection
P. JUNCTION BOX	<ul style="list-style-type: none"> • CE, CSA, UL approved, PVC or Stainless Steel
Q. OIL TANK	<ul style="list-style-type: none"> • Powder coated, seamless aluminum tank