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OPTIONAL SAFETY RELIEF VALVE

(30°)

Ø 3.12in [79.2mm] THRU HOLE

Ø 5.51in [140mm]

.59in [15mm]

(3.15in [80mm])

13.98in [355mm] RETRACTED LENGTH

(1.30in [33mm])

NOTES:

1. TYPE: DOUBLE ACTING, HOLLOW ROD
2. NONINAL PUSH FORCE: 100 TONS (890KN)
3. RATED LOAD: 113 TONS (1002KN) PUSH, 55 TONS (493 KN) PULL
4. ROD EFFECTIVE AREA: 11.32 SQ.IN. (73.0 SQ.cm.)
5. BASE EFFECTIVE AREA: 23.01 SQ.IN. (148.4 SQ.cm.)
6. STROKE: 5.9" (150mm)
7. RETRACTED LENGTH: 14.0" (355mm)
8. EXTENDED LENGTH: 19.9" (505mm)
9. MAX. PRESSURE: 9800 PSI (675 BAR)
10. REMOVABLE HARDENED STEEL PLUNGER
11. PAINT COLOR: POWERX RED
12. OPTIONAL RELIEF VALVE PROTECTS CYLINDER ROD END FROM OVER PRESSURIZATION
13. OPTIONAL HANDLES AVAILABLE
14. APPROXIMATE WEIGHT 175 LBS (80 KG)

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES.		NAME	DATE	
TOLERANCES: FRACTIONAL ±1/16 ANGLES ±1° ONE PLACES ±.050 (1.25mm) TWO PLACES ±.010 (.25mm) THREE PLACES ±.005 (.13mm) FINISH 125 MAX C/B .020		JJJ	5/31/18	
THIRD ANGLE PROJECTION		DRAWN		TITLE: CYLINDER, DOUBLE ACTING, HOLE THRU - INSTALLATION
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PowerX International. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PowerX International IS PROHIBITED.		CHECKED		
MATERIAL		ENG APPR.		
FINISH		MFG APPR.		
DO NOT SCALE DRAWING		Q.A.		SIZE DWG. NO. REV
		COMMENTS:		B CHD100-6 INSTALL A
				SCALE: 1:4 WEIGHT: SHEET 1 OF 1

A	C18-05-058	6/1/2018	JJJ	RELEASE of DRAWING	JJJ	6/1/18
REV.	ECN.	DATE	DRAWNBY	DESCRIPTION	APPROVED	APPR. DATE
REVISIONS						

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