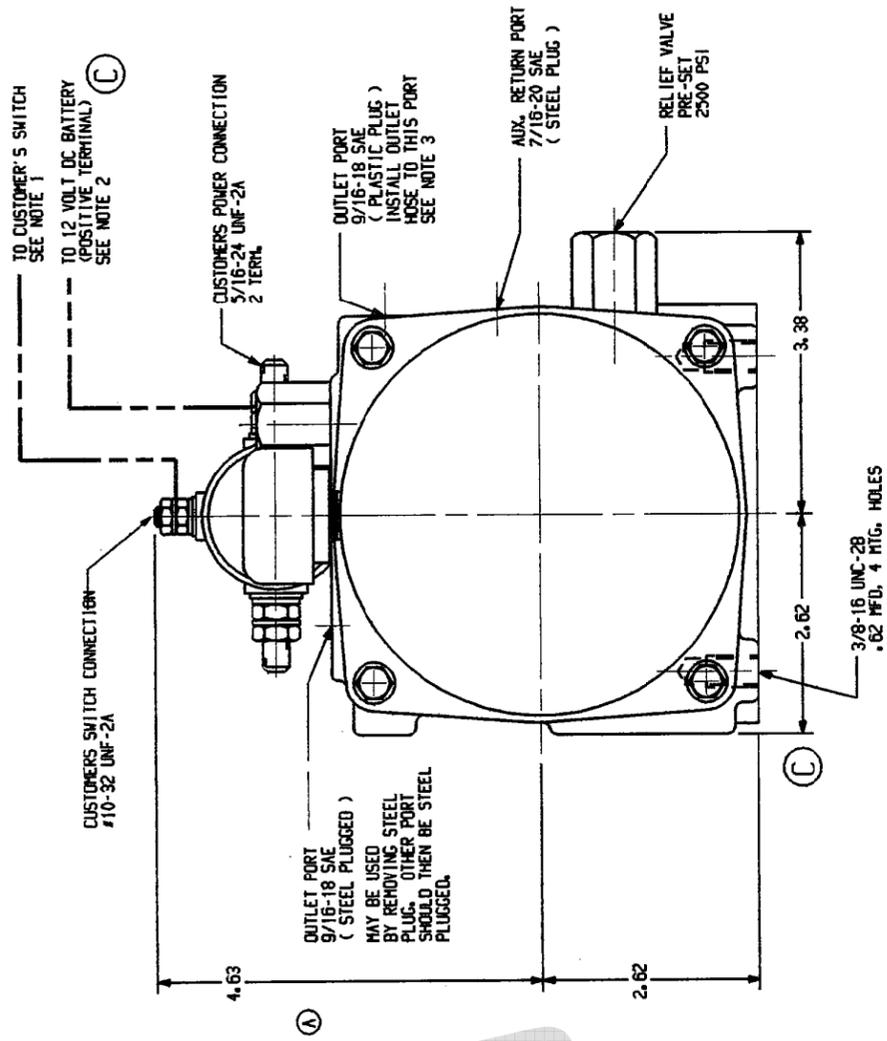


NUMBER

2690016 (A)

THIS DRAWING IS PROPERTY OF THE JOHN S. BARNES CORP. AND IS LOANED SUBJECT TO RETURN UPON DEMAND. IT IS NOT TO BE REPRODUCED OR USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE JOHN S. BARNES CORP.



START SWITCH INTERNALLY GROUNDED

(C)

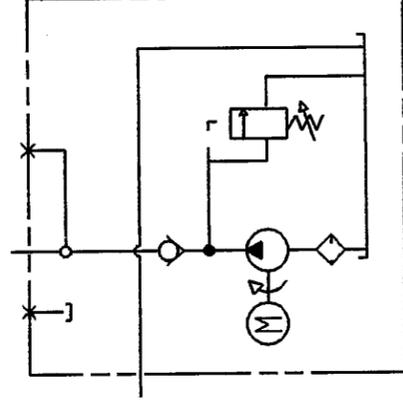
9/16-18 SAE CARTRIDGE RETURN PORT ASS'Y. INSTALL RETURN HOSE TO THIS PORT. SEE NOTE 4

40 MICRON BREATHER 3/8-18 NPT FILL PORT

DUTY CYCLE: 5 MIN. ON MAX. LET MOTOR COOL TO 70°F BEFORE OPERATING.

7.51

20.35



HYDRAULIC SCHEMATIC

HOW TO MAKE ELECTRIC AND HYDRAULIC CONNECTION

- WIRING SEQUENCE:
1. CONNECT THE CUSTOMER'S REMOTE SWITCH TO THE TOP TERMINAL ON THE START SWITCH. (SEE DRAWING)
 2. CONNECT THE CUSTOMER'S POSITIVE LEAD (BATTERY) TO THE SIDE TERMINAL OF THE START SWITCH. (SEE DRAWING)
- HYDRAULIC PIPING SEQUENCE:
3. CONNECT THE OUTLET PORT (9/16-18 SAE, PLASTIC PLUGGED) TO THE INLET OF THE WORK EQUIPMENT. (SEE DRAWING)
 4. CONNECT THE CARTRIDGE RETURN PORT (9/16-18 SAE) TO THE OUTLET OF THE WORK EQUIPMENT. (SEE DRAWING)

OPERATING PERFORMANCE:
 A. 1-4 GPM, (5.30 L/M) NOMINAL AT 2000 PSI NOMINAL (13790 KPA)
 215 APP., 12 V.

THIRD ANGLE PROJECTION

STRAIGHTNESS	—
FLATNESS	—
ROUNDNESS	—
CYLINDRICITY	—
PROFILE OF A LINE	—
PROFILE OF A SURFACE	—
ANGULARITY	—
PERPENDICULARITY	—
PARALLELISM	—
CONCENTRICITY	—
SYMMETRY	—
CIRCULAR RUNOUT	—
TOTAL RUNOUT	—
TRUE POSITION	—

03	D	REVISED HYD. SCHEMATIC	SD	MHK	06/01/90
02	C	ADDED BATTERY & SWITCH LEADS	RRP	LSS	11/1/88
	B	ADDED NOTES			
01	A	PICT. REVISED DIM. & SCHEMATIC	MLG		11/1/88
ISSUE	SYN.	CHANGE	BY	CHK. BY	DATE



JOHN S. BARNES CORPORATION
 2222 15TH STREET
 ROCKFORD, ILLINOIS 61114

SUPERSEDES	X	SUPERSEDED BY	X
DRAWN DATE	3/5/87	MLG	MLG
CHECKED DATE		X	
SCALE	NONE		
MAT'L	X	HT. TRT.	X
NAME	INSTALLATION DRAWING		
NUMBER	2690016		