

TYPE J15-3 PROJECTOR

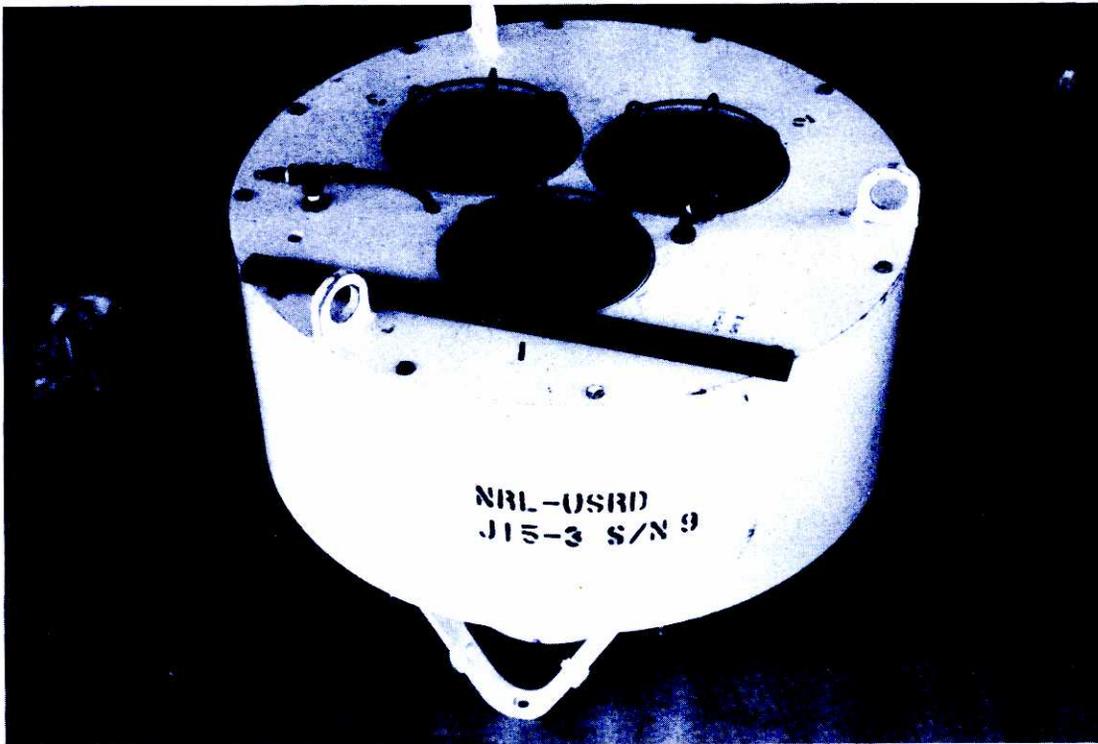


Fig. J15-3, No. 1 - Type J15-3 projector

FUNCTION: A transducer for low-audio and infrasonic frequencies, for extra depth, and with a capability of transmitting three different signals simultaneously. Reversible but designed and used only as a projector.

DESIGN: Electrodynamic, with an extra-large passive compensation system and an upward vertical acoustic axis - essentially three J15-1's in a specially built housing, but with a common compensation bag.

FREQUENCY RANGE: 20 to 600 Hz

TCR: See Fig. J15-3, No. 3

MAXIMUM DEPTH: 100 m

TEMPERATURE RANGE: 0 to 35°C

MAXIMUM DRIVING SIGNAL: Approximately 3 A, but monitor acoustic output signal for distortion

ELECTRICAL IMPEDANCE: See Fig. J15-3, No. 4

DIRECTIVITY: Approximately omnidirectional within 2 dB to 400 Hz

WEIGHT: Aluminum Housing - 170 kg (374 lbs)

Stainless Steel Housing - 223 kg (492 lbs)

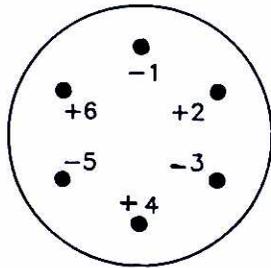
SHIPPING WEIGHT: Aluminum Housing - 223 kg (492 lbs)

Stainless Steel Housing - 339 kg (745 lbs)

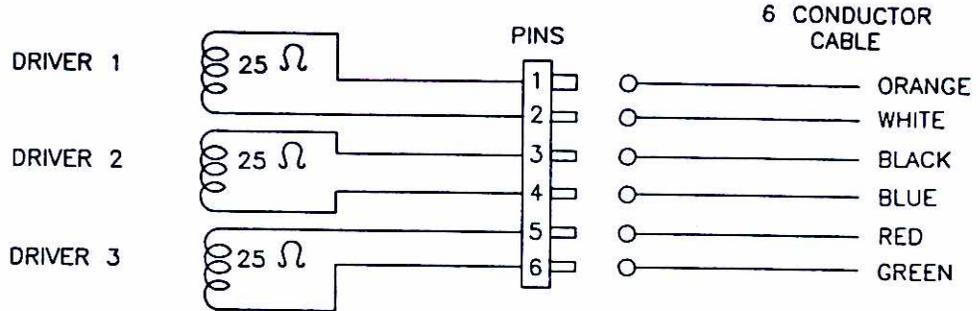
NORMAL CABLE LENGTH: 1 m with mating 1 m cable for splicing

CABLE CODE: See Fig. J15-3, No. 2

INSTRUCTIONS FOR THE USER: See Appendix D for preparation for use
See Fig. J15-3, No. 5 for acoustic center
Diaphragms must face upward



**RM6MS
MOUNTED TO PROJECTOR**



For series connection of driver assembly coils, connect pin 2 to pin 4 and pin 3 to pin 5. The input then will be pins 1 and 6.

The dc resistance for series connection is 75 Ω .

The drivers must be in phase. Check this by gently pressing on each head and reading the deflection on a meter. The three heads must deflect in the same direction.

Fig., J15-3, No. 2 - Cable connections for Type J15-3 projector.

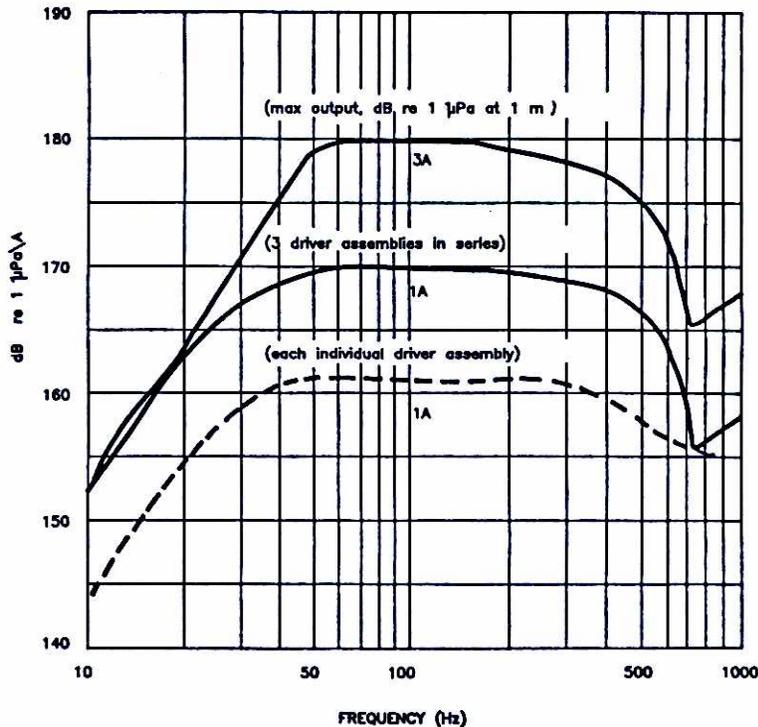


Fig. J15-3, No.3 - Typical TCR for Type J15-3 projector.

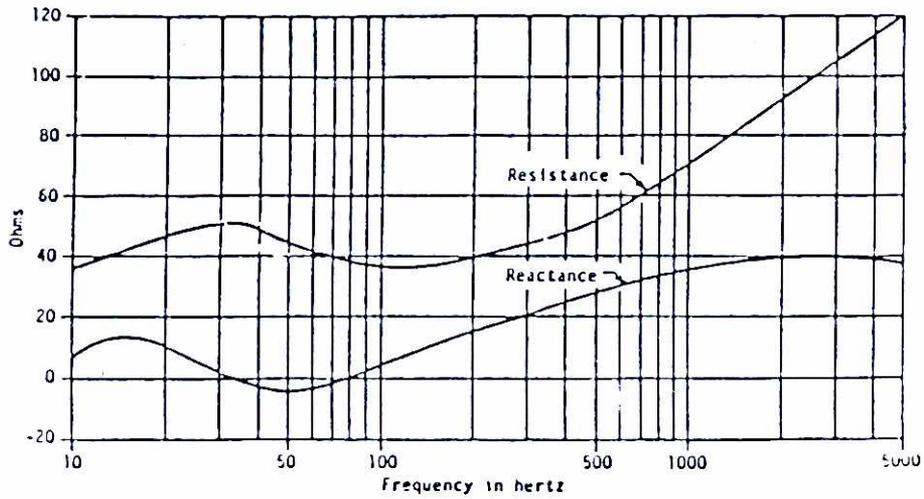


Fig. J15-3, No.4 - Typical impedance for each of three drivers of Type J15-3 projector.

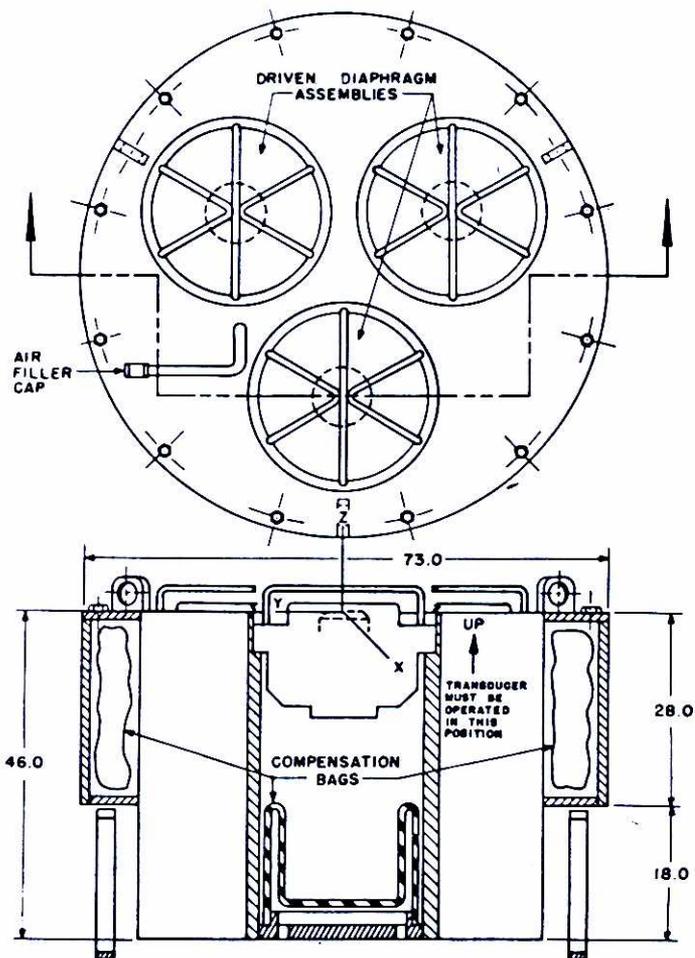


Fig. J15-3, No. 5 - Dimensions (in cm) and orientation of Type J15-3 projector.