



TLA SIZE	MOTIVE CONNECTION	OVERALL LENGTH	BODY FLANGE DIAMETER	OUTLET DIAMETER	WEIGHT	MOTIVE FLOW (S.G. = 1.0)	* THRUST AT 60 psid (4.14 bard)	CENTER OF GRAVITY (FROM MOTIVE END)
1-1/2" TLA	1-1/2"- 150# RF FLANGE	13.75" (350mm)	5.5" (140mm)	3.13" (80mm)	14 lbs (6.4 kg)	$GPM = 9.75 \times \sqrt{\text{psid}}$ $lpm = 141 \times \sqrt{\text{bard}}$	34.5 lbs (153 N)	7" (178mm)
2" TLA	2"- 150# RF FLANGE	17.5" (445mm)	7.63" (194mm)	4.38" (111mm)	27 lbs (12.3 kg)	$GPM = 19.5 \times \sqrt{\text{psid}}$ $lpm = 281 \times \sqrt{\text{bard}}$	69.5 lbs (309 N)	8.25" (210mm)
3" TLA	3"- 150# RF FLANGE	25.25" (642mm)	11.8" (299mm)	6.25" (159mm)	61 lbs (27.7 kg)	$GPM = 44.8 \times \sqrt{\text{psid}}$ $lpm = 645 \times \sqrt{\text{bard}}$	161 lbs (715 N)	11.5" (292mm)

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* THRUST IS LINEAR WITH MOTIVE PRESSURE
UP TO 60 PSID

THRUST AT 80 PSID = 1.06 x THRUST AT 60 PSID
 THRUST AT 100 PSID = 1.12 x THRUST AT 60 PSID
 THRUST AT 140 PSID = 1.22 x THRUST AT 60 PSID

0	IGA	RVY	4/21/12
REV	BY	CHK	DATE

NORTHEAST CONTROLS INC.
 UPPER SADDLE RIVER
 NJ, 07458, U.S.A.

FLANGED TLA
 TANK MIXING EDUCTOR DIMENSIONS

DRAWING NO. TLAFFLDIM

REV : 0

SCALE - NONE

DATE : 4 / 21 / 12