

IFP HIGH PERFORMANCE INDUSTRIAL TANDEM INTRA-VANE PUMPS



Performance Data - Typical Flows at 120° F, 10 W oil (128SUS), 0 PSI inlet

Flow in Gallons Per Minute (GPM).

Pump Model	Displacement (in ³ /rev.)	R.P.M.	100 P.S.I. (INPUT H.P.)	1500 P.S.I. (INPUT H.P.)	2500 P.S.I. (INPUT H.P.)
** 20 V	5 (1.10)	1200	5.0 (0.4)	4.5 (5.0)	4.2 (6.0)
		1500	6.9 (1.0)	6.4 (7.0)	6.0 (8.0)
		1800	8.5 (1.5)	7.7 (8.5)	7.5 (12.0)
	8 (1.67)	1200	8.0 (1.0)	7.4 (8.0)	7.1 (14.0)
		1500	10.5 (1.2)	9.5 (10.5)	9.1 (17.0)
		1800	13.7 (1.7)	11.9 (12.0)	11.2 (20.5)
	11 (2.22)	1200	11.0 (1.2)	10.2 (11.0)	9.9 (16.0)
		1500	14.2 (1.5)	13.5 (14.5)	12.5 (23.0)
		1800	17.1 (2.8)	16.5 (18.0)	14.6 (28.5)
	12 (2.47)	1200	12.0 (1.3)	11.6 (12.5)	11.2 (19.0)
		1500	15.0 (1.5)	14.8 (15.5)	14.0 (25.0)
		1800	18.6 (3.0)	17.8 (19.0)	16.9 (30.0)
14 (2.78)	1200	14.0 (1.5)	12.2 (13.5)	11.2 (23.0)	
	1500	17.5 (3.0)	16.1 (17.0)	14.5 (29.0)	
	1800	21.0 (3.5)	18.4 (20.0)	18.0 (34.0)	

25 V ** 25 V	12 (2.47)	1200	12.0 (1.0)	10.8 (12.0)	10.2(21.0)
		1500	15.5 (1.5)	13.8 (14.5)	13.5 (25.0)
		1800	18.0 (2.5)	16.4 (17.0)	16.4(30.0)
	14 (2.78)	1200	14.0 (2.0)	12.4 (13.5)	11.5 (23.0)
		1500	17.5 (2.0)	16.8 (17.0)	14.8 (29.0)
		1800	21.0 (3.0)	18.6 (20.0)	18.4 (34.5)
	17 (3.39)	1200	17.0 (2.0)	15.5 (16.5)	15.0 (28.0)
		1500	21.0 (2.0)	20.0 (20.0)	18.3 (34.0)
		1800	25.5 (3.0)	23.2(24.0)	22.8 (40.0)
	21 (4.13)	1200	21.0 (2.0)	19.5 (20.0)	18.5 (33.0)
		1500	26.0 (3.6)	24.0 (24.5)	23.5 (42.0)
		1800	31.5 (3.8)	29.2 (29.0)	28.0 (46.0)

35 V ** 35 V	21 (4.13)	1200	21.0 (2.0)	19.5 (20.0)	18.5 (33.0)
		1500	26.0 (3.6)	24.0 (24.5)	23.5 (42.0)
		1800	31.5 (3.8)	29.2 (29.0)	28.0 (46.0)
	25 (4.94)	1200	25.0 (2.5)	22.5 (23.0)	21.0(41.0)
		1500	31.0 (3.0)	29.0 (30.0)	27.0(50.0)
		1800	37.8 (4.0)	35.5 (36.0)	33.0(61.0)
	30 (5.91)	1200	30.0 (4.0)	29.0 (28.5)	25.5 (49.0)
		1500	37.0 (5.0)	35.0 (35.5)	33.0 (61.0)
		1800	44.8 (6.0)	42.0 (43.0)	40.5 (73.0)
	35 (6.83)	1200	35.0 (4.0)	32.0 (33.0)	30.5 (54.0)
		1500	43.0 (5.0)	41.0 (42.5)	39.0 (68.0)
		1800	52.0 (6.5)	50.0(51.5)	47.5 (82.0)
	38 (7.37)	1200	38.0 (4.5)	34.0(35.5)	32.0 (58.0)
		1500	46.5(6.0)	43.0 (44.0)	41.5 (73.0)
		1800	56.5 (7.0)	53.5(55.0)	51.0 (88.0)

45 V ** 45 V	42 (8.41)	1200	42.0 (4.0)	36.0 (38.0)	33.0 (68.0)
		1500	53.0 (6.0)	48.0 (49.0)	44.0 (79.0)
		1800	64.0 (7.0)	59.0 (60.0)	55.0 (101.0)
	50 (9.85)	1200	50.0 (4.0)	45.0 (46.0)	42.5 (75.0)
		1500	62.0 (8.0)	57.5 (59.0)	55.0 (97.0)
		1800	74.0 (8.0)	69.0(71.0)	67.0 (117.0)
	60 (11.75)	1200	60.0(6.0)	55.0(57.0)	52.0 (93.0)
		1500	75.0(7.0)	69.0 (72.0)	66.0 (116.0)
		1800	91.0 (9.0)	86.0(88.0)	82.0 (139.0)