

IFP HIGH PERFORMANCE MOBILE 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.)	3000 P.S.I. (INPUT H.P.)
** 20 VQ	5 (1.10)	1200	5.0 (0.4)	4.3 (5.0)	4.0 (10.0)
		1800	7.5 (1.5)	7.0 (8.5)	7.0 (16.5)
		2400	10.0 (2.0)	10.2 (12.0)	9.5 (22.0)
	8 (1.67)	1200	8.0 (1.0)	7.0 (8.0)	6.5 (16.5)
		1800	12.0 (1.7)	11.5 (12.0)	10.5 (23.0)
		2400	16.0 (2.8)	16.0 (17.0)	14.9 (32.0)
	11 (2.22)	1200	11.0 (1.2)	9.8 (11.0)	8.5 (21.5)
		1800	16.5 (2.8)	15.4 (18.0)	14.2 (31.0)
		2400	22.0 (3.0)	21.0 (22.0)	20.0 (42.0)
	12 (2.41)	1200	12.0 (1.5)	11.0 (12.5)	9.8 (22.0)
		1800	18.0 (3.0)	17.2 (19.0)	16.0 (34.0)
		2400	24.0 (3.0)	23.4 (23.5)	22.2 (45.0)
14 (2.80)	1200	14.0 (2.0)	12.9 (13.5)	12.0 (27.5)	
	1800	21.0 (3.0)	18.5 (20.0)	19.0 (39.5)	
	2400	28.0 (3.5)	27.0 (27.0)	26.4 (52.5)	
25 VQ ** 25 VQ	12 (2.47)	1200	12.0 (1.0)	9.5 (12.0)	7.5 (24.0)
		1800	18.0 (2.5)	16.0 (17.0)	13.5 (35.0)
		2400	24.0 (3.0)	22.5 (24.0)	20.0 (46.0)
	14 (2.77)	1200	14.0 (2.0)	11.5 (13.5)	9.5 (26.5)
		1800	21.0 (3.0)	18.0 (20.0)	16.0 (39.0)
		2400	28.0 (3.5)	25.0 (25.0)	23.0 (52.0)
	17 (3.37)	1200	17.0 (2.0)	14.0 (16.5)	12.0 (32.0)
		1800	25.5 (3.0)	22.0 (24.0)	20.0 (47.0)
		2400	34.0 (3.5)	31.0 (32.0)	29.0 (62.0)
	19 (3.72)	1200	19.0 (3.0)	17.0 (20.0)	15.0 (39.0)
		1800	28.5 (3.5)	25.5 (28.0)	24.0 (58.0)
		2400	38.0 (4.5)	35.0 (36.0)	32.0 (70.0)
21 (4.12)	1200	21.0 (2.0)	17.5 (20.0)	15.5 (39.0)	
	1800	31.5 (3.8)	28.0 (29.0)	25.5 (59.0)	
	2400	42.0 (4.5)	39.0 (39.0)	36.5 (76.0)	
30 VQ ** 30 VQ	24 (4.70)	1200	24.0 (2.2)	21.0 (22.0)	19.0 (46.0)
		1800	36.0 (3.3)	33.0 (33.0)	31.5 (71.0)
		2400	48.0 (4.4)	45.0 (47.0)	42.5 (95.0)
	28 (5.50)	1200	28.0 (2.6)	26.0 (22.0)	23.5 (58.0)
		1800	42.0 (5.0)	39.0 (33.0)	37.5 (77.0)
		2400	56.0 (6.5)	52.5 (47.0)	49.5 (98.0)
35 VQ ** 35 VQ	21 (4.12)	1200	21.0 (2.0)	17.5 (20.0)	15.5 (39.0)
		1800	31.5 (3.8)	28.0 (29.0)	25.5 (59.0)
		2400	42.0 (4.5)	39.0 (39.0)	36.5 (76.0)
	25 (4.94)	1200	25.0 (2.5)	20.5 (23.0)	17.5 (46.0)
		1800	37.0 (4.0)	33.5 (36.0)	30.0 (69.0)
		2400	50.0 (4.5)	42.0 (46.5)	42.5 (92.0)
	30 (5.96)	1200	30.0 (4.0)	25.0 (28.5)	25.5 (56.0)
		1800	45.0 (5.0)	40.0 (43.0)	37.0 (82.0)
		2400	60.0 (6.0)	55.0 (56.0)	52.5 (110.0)
	35 (6.88)	1200	35.0 (4.0)	29.0 (33.0)	25.0 (67.0)
		1800	52.5 (5.0)	46.0 (51.0)	42.0 (95.0)
		2400	70.0 (5.5)	62.5 (64.0)	60.0 (125.0)
38 (7.42)	1200	38.0 (4.5)	32.0 (35.5)	29.0 (69.0)	
	1800	57.0 (5.5)	50.5 (52.0)	47.0 (102.0)	
	2400	76.5 (6.0)	68.0 (69.0)	65.0 (136.0)	
45 VQ ** 45 VQ	42 (8.46)	1200	42.0 (4.0)	34.5 (39.5)	30.0 (68.0)
		1800	63.0 (60.0)	56.5 (58.0)	52.0 (104.0)
		2400	77.0 (7.0)	70.5 (72.0)	66.5 (123.0)
	47 (9.45)	1200	47.0 (4.0)	39.0 (22.0)	34.0 (46.0)
		1800	70.0 (5.0)	64.0 (33.0)	60.5 (71.0)
		2400	94.0 (9.0)	86.0 (47.0)	80.5 (95.0)
	50 (9.90)	1200	50.0 (4.0)	42.0 (48.0)	38.5 (78.0)
		1800	75.0 (6.0)	65.5 (70.0)	62.0 (116.0)
		2400	91.5 (8.0)	81.5 (86.0)	79.0 (141.0)
	57 (11.20)	1200	57.0 (5.0)	49.0 (22.0)	45.5 (92.0)
		1800	85.5 (7.5)	76.5 (33.0)	71.5 (125.0)
		2400	104.5 (8.0)	94.5 (47.0)	89.5 (160.0)
60 (11.80)	1200	60.0 (5.5)	51.0 (55.0)	47.0 (94.0)	
	1800	90.0 (7.0)	80.0 (82.0)	75.5 (138.0)	
	2400	110.0 (8.5)	99.0 (101.0)	96.0 (170.0)	

MAX. PSI
2300

MAX. PSI
2200

MAX. PSI
2500