



vcsp80_200

Machine designation	VC 80/25		VC 80/35, 45		VC 80/60, 70, 80	
	VC 80/25 PRO		VC 80/35, 45 PRO		VC 80/65, 75, 85 US VC 80/60, 70, 80 PRO	
Weight	to	1.8	2.9	5.1		
	US tons	2.0	3.2	5.6		
Length	mm	2720	3300	3910		
	inches	107.09	129.92	153.94		
Height	mm	1760	1800	2043 / 2133 ^a		
	inches	69.29	70.97	80.43 / 83.98 ^a		
Oil reservoir capacity	l	90	115	185		
	gal	23.8	30.4	48.9		
Pump capacity	kW	5.5 / - / -	7.5 / - / -	15 / 15 / 15		
	Tech / Power / HV3	7.5 / - / -	10.2 / - / -	20.1 / 20.1 / 20.1		
Filter motor	kW	- / - / -	- / - / -	- / - / -		
	Tech / Power / HV3					
Total power	kW	11 / - / -	13 / - / -	21 / 21 / 21		
	Tech / Power / HV3	15.0 / - / -	17.7 / - / -	28.2 / 28.2 / 28.2		
Connected current	A	21 / - / -	25 / - / -	39 / 39 / 39		
Tech / Power / HV3						

a. VC 80/65, 75, 85 US

Size designation ^a	80/...						
		Tech / Power			HV3		
Screw diameter	mm	18	22	25	18	22	25
	inches	0.71	0.87	0.98	0.71	0.87	0.98
Screw stroke	mm	100			100		
	inches	3.94			3.94		
Injection capacity	cm ³	25	38	49	25	38	49
	in ³	1.53	2.32	2.99	1.53	2.32	2.99
Screw speed	min-1 rpm	450	360	360	540	430	430
Screw length	L/D	22.5	18.7	16.4	22.5	18.7	16.4
Plasticizing capacity	g/sec	3.5	6	8	4.2	7.2	9.3
	oz/sec	0.12	0.21	0.28	0.15	0.25	0.33
Screw length barrier	L/D	-	-	-	-	-	-
Plasticizing capacity barrier screw	g/sec	-	-	-	-	-	-
	oz/sec	-	-	-	-	-	-
Injection rate ^b	cm ³ /sec	52	78	100	52	78	100
	in ³ /sec	3.17	4.76	6.10	3.17	4.76	6.10
Injection rate (at max. pressure)	cm ³ /sec	40	60	77	40	60	77
	in ³ /sec	2.44	3.66	4.70	2.44	3.66	4.70
Injection pressure (regenerative)	bar	2200	1590	1230	2200	1590	1230
	psi	31900	23055	17835	31900	23055	17835
Injection pressure (max.)	bar	2200	2060	1600	2200	2060	1600
	psi	31900	29870	23200	31900	29870	23200
Noz.str.	mm	200			200		
	inches	7.87			7.87		
Nozzle immersion depth Europe standard	mm	30			30		
Nozzle immersion depth North America standard	inches	1.38			1.38		
Nozzle immersion depth Asia standard	mm	30			30		
Nozzle contact force	kN	28			28		
	US tons	3.14			3.14		
Heating wattage	kW	5.3			5.3		
	hp	7.1			7.1		
Number of the heating zones incl. nozzle		4			4		
Hopper capacity	l	34			34		
	lbs	37.5			37.5		

a. Injection capacity [cm³] x Injection pressure max. [bar] / 1000

b. Dependent on pump drive power