



DISC COMBINATION 32-ET/PT Maximum Output and Spray Angle Viscosity 5 mm²/s

32-5FFM-CG-E

PROGRAM SURVEY

24-02-06

Description

The following table shows the maximum output in kg/h and the spray angle in degree for different combinations of orifice 32-ET and swirler 32-PT. The suitable shut-off needle size depending on swirler size is also given. Maximum output is valid for supply pressure of 30 bar (measured at inlet of burner lance) and with closed return line.

Maximum Output [kg/h] and Spray Angle [°]

Orifice	Swirler											
	32-PT-16	32-PT-20	32-PT-20	32-PT-24	32-PT-28	32-PT-32	32-PT-36	32-PT-40	32-PT-45	32-PT-50	32-PT-55	32-PT-60
	Shut-off Needle											
	5-L-3,8	5-L-3,8	5-L-4,8	5-L-4,8	5-L-4,8	5-L-4,8	5-LT-5,8	5-LT-5,8	5-LT-5,8	5-LT-6,8	5-LT-6,8	5-LT-6,8
32-ET-2,50	460 63	530 58		585 55								
32-ET-2,75	510 66	595 61		690 57								
32-ET-3,00	550 69	640 64		750 60	800 57							
32-ET-3,25		700 66		820 62	880 59	945 57					1310 47	
32-ET-3,50				880 65	955 62	1030 59	1150 57			1380 51		
32-ET-3,75			810 71	925 67	1025 64	1115 61	1250 59	1325 57		1490 53	1570 51	
32-ET-4,00						1200 63	1335 61	1430 58	1510 56			
32-ET-4,25				1050 71			1345 62	1485 60	1510 58	1760 56	1825 54	
32-ET-4,50							1535 64	1615 62	1740 60	1855 58	1985 56	2095 54
32-ET-4,75							1600 66	1705 64	1810 61	1960 59	2100 57	2230 56

Additional Information

This table gives a summary of all common disc combinations. For further details please see info sheet no. 32-5FFM-DG-E.