






































# DT34 Nozzle Performance Data

US

25°	<b>DT34</b>	<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>37</b>									
	<b>Front Nozzle Positions</b>																
		<b>Yellow</b>	<b>Blue</b>	<b>Brown</b>	<b>Orange</b>	<b>Green</b>	<b>Gray</b>	<b>Black</b>									
		<b>102-0725</b>	<b>102-7001</b>	<b>102-0727</b>	<b>102-7002</b>	<b>102-6908</b>	<b>102-0730</b>	<b>102-4261</b>									
		 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Red plug	 Brown
	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-6883	
	<b>Back Nozzle Positions</b>																
		<b>Yellow</b>	<b>Blue</b>	<b>Yellow</b>	<b>Orange</b>	<b>Yellow</b>	<b>Red</b>	<b>Yellow</b>	<b>Beige</b>	<b>Yellow</b>	<b>Beige</b>	<b>Yellow</b>	<b>Red</b>	<b>Yellow</b>	<b>Gray</b>		
		102-6937	102-2925	102-6937	102-2926	102-6937	102-2928	102-6937	102-2929	102-6937	102-2929	102-6937	102-6944	102-6937	102-6945		
	<b>PSI</b>	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm
<b>50</b>	57	13.0	58	15.5	64	21.9	68	24.4	-	-	-	-	-	-	-	-	
<b>65</b>	58	14.6	60	18.0	68	24.4	72	28.1	76	32.2	-	-	-	-	-	-	
<b>80</b>	60	16.2	63	20.5	72	26.9	76	31.1	80	35.6	83	38.2	85	41.5			
<b>100</b>	62	17.9	66	23.4	75	29.8	79	34.9	84	39.3	88	43.4	91	46.9			
<b>Stator</b>	102-6929 blue								102-1940 white								
<b>Conversions</b>	DT34-3134								DT34-3537								

Metric

Bar	kPa	kg/cm2	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm
3,4	340	3,47	17.4	49.2	17.7	58.7	19.5	82.9	20.7	92.4	-	-	-	-	-	-
4,5	450	4,59	17.7	55.3	18.3	68.1	20.7	92.4	22.0	106.4	23.2	121.9	-	-	-	-
5,5	550	5,61	18.3	61.3	19.2	77.6	22.0	101.8	23.2	117.7	24.4	134.7	25.3	144.6	25.9	157.1
6,9	690	7,04	18.9	67.8	20.1	88.6	22.9	112.8	24.1	132.1	25.6	148.8	26.8	164.3	27.8	177.5

US






































15°	<b>PSI</b>	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm
	<b>50</b>	52	12.9	56	15.6	60	21.7	62	24.2	-	-	-	-	-	-
	<b>65</b>	53	14.4	57	18.1	61	24.2	65	27.8	69	32.1	-	-	-	-
	<b>80</b>	56	16.0	60	20.6	65	26.6	69	30.8	73	35.5	76	38.0	77	41.3
	<b>100</b>	57	17.5	62	23.5	67	29.5	71	34.6	76	39.1	80	43.1	81	46.8

Metric

Bar	kPa	kg/cm2	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm
3,4	340	3,47	15.9	48.8	17.1	59.0	18.3	82.1	18.9	91.6	-	-	-	-	-	-
4,5	450	4,59	16.2	54.5	17.4	68.5	18.6	91.6	19.8	105.2	21.0	121.5	-	-	-	-
5,5	550	5,61	17.1	60.6	18.3	78.0	19.8	100.7	21.0	116.6	22.3	134.4	23.2	143.8	23.5	156.3
6,9	690	7,04	17.4	66.2	18.9	88.9	20.4	111.7	21.7	131.0	23.2	148.0	24.4	163.1	24.7	177.1

# DT54 Nozzle Performance Data

US

25°	<i>DT54</i>	<b>51</b>	<b>52</b>	<b>53</b>	<b>54</b>	<b>55</b>	<b>56</b>	<b>57</b>	<b>58</b>	<b>59</b>											
	Front Nozzle Positions																				
		<b>Yellow</b>	<b>Blue</b>	<b>Brown</b>	<b>Orange</b>	<b>Green</b>	<b>Gray</b>	<b>Black</b>	<b>Red</b>	<b>Beige</b>											
		<b>102-0725</b>	<b>102-7001</b>	<b>102-0727</b>	<b>102-7002</b>	<b>102-6908</b>	<b>102-0730</b>	<b>102-4261</b>	<b>102-4260</b>	<b>102-4259</b>											
																					
		Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Red plug	Brown	Red plug	Brown	Red plug	Red plug	
	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-6883	102-4335	102-6883	102-4335	102-4335		
	Back Nozzle Positions																				
		Yellow	Blue	Yellow	Orange	Yellow	Red	Yellow	Beige	Yellow	Beige	Yellow	Red	Yellow	Gray	Yellow	Gray	Yellow	Gray	Yellow	Gray
		102-6937	102-2925	102-6937	102-2926	102-6937	102-2928	102-6937	102-2929	102-6937	102-2929	102-6937	102-6944	102-6937	102-6945	102-6937	102-6945	102-6937	102-6945	102-6937	102-6945
PSI	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	
<b>50</b>	<b>58</b>	<b>13.2</b>	<b>59</b>	<b>15.7</b>	<b>64</b>	<b>22.0</b>	<b>70</b>	<b>26.2</b>	-	-	-	-	-	-	-	-	-	-	-	-	
<b>65</b>	<b>60</b>	<b>14.8</b>	<b>61</b>	<b>17.5</b>	<b>68</b>	<b>24.8</b>	<b>74</b>	<b>29.3</b>	<b>79</b>	<b>34.2</b>	-	-	-	-	-	-	-	-	-	-	
<b>80</b>	<b>61</b>	<b>16.4</b>	<b>64</b>	<b>20.0</b>	<b>72</b>	<b>27.6</b>	<b>78</b>	<b>32.6</b>	<b>83</b>	<b>38.0</b>	<b>85</b>	<b>40.7</b>	<b>87</b>	<b>44.9</b>	<b>91</b>	<b>50.2</b>	<b>96</b>	<b>55.6</b>	<b>99</b>	<b>61.8</b>	
<b>100</b>	<b>63</b>	<b>18.1</b>	<b>67</b>	<b>23.6</b>	<b>75</b>	<b>30.4</b>	<b>81</b>	<b>36.7</b>	<b>87</b>	<b>42.5</b>	<b>90</b>	<b>45.8</b>	<b>93</b>	<b>50.2</b>	<b>95</b>	<b>55.4</b>	<b>99</b>	<b>61.8</b>	<b>99</b>	<b>61.8</b>	
Stator	102-6929 blue								102-1940 white								102-1941 white				
Conversions	DT54-5154								DT54-5558								DT54-59				

Metric

Bar	kPa	kg/cm2	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm
3,4	340	3,47	17.7	50.0	18.0	59.4	19.5	83.3	21.4	99.2	-	-	-	-	-	-	-	-	-	-
4,5	450	4,59	18.3	56.0	18.6	66.2	20.7	93.9	22.6	110.9	24.1	129.4	-	-	-	-	-	-	-	-
5,5	550	5,61	18.6	62.1	19.5	75.7	22.0	104.5	23.8	123.4	25.3	143.8	25.9	154.0	26.5	169.9	27.8	190.0	29.3	210.4
6,9	690	7,04	19.2	68.5	20.4	89.3	22.9	115.1	24.7	138.9	26.5	160.9	27.5	173.4	28.4	190.0	29.0	209.7	30.2	233.9

US

15°	PSI	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm	rad/ft	gpm
	<b>50</b>	<b>53</b>	<b>13.2</b>	<b>57</b>	<b>15.6</b>	<b>61</b>	<b>22.0</b>	<b>63</b>	<b>26.0</b>	-	-	-	-	-	-	-	-	-	-
	<b>65</b>	<b>55</b>	<b>14.8</b>	<b>59</b>	<b>18.1</b>	<b>63</b>	<b>24.8</b>	<b>68</b>	<b>29.1</b>	<b>73</b>	<b>34.4</b>	-	-	-	-	-	-	-	-
	<b>80</b>	<b>56</b>	<b>16.4</b>	<b>62</b>	<b>20.6</b>	<b>68</b>	<b>27.6</b>	<b>72</b>	<b>32.3</b>	<b>77</b>	<b>38.0</b>	<b>79</b>	<b>40.4</b>	<b>81</b>	<b>44.6</b>	<b>85</b>	<b>49.9</b>	<b>87</b>	<b>55.3</b>
	<b>100</b>	<b>58</b>	<b>18.1</b>	<b>64</b>	<b>23.5</b>	<b>71</b>	<b>30.4</b>	<b>75</b>	<b>36.4</b>	<b>81</b>	<b>42.5</b>	<b>84</b>	<b>45.5</b>	<b>87</b>	<b>49.9</b>	<b>89</b>	<b>55.1</b>	<b>94</b>	<b>61.5</b>

Metric

Bar	kPa	kg/cm2	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm	rad/M	lpm
3,4	340	3,47	16.2	50.0	17.4	59.0	18.6	83.3	19.2	98.4	-	-	-	-	-	-	-	-	-	
4,5	450	4,59	16.8	56.0	18.0	68.5	19.2	93.9	20.7	110.1	22.3	130.2	-	-	-	-	-	-	-	
5,5	550	5,61	17.1	62.1	18.9	78.0	20.7	104.5	22.0	122.3	23.5	143.8	24.1	152.9	24.7	168.8	25.9	188.9	26.5	209.3
6,9	690	7,04	17.7	68.5	19.5	88.9	21.7	115.1	22.9	137.8	24.7	160.9	25.6	172.2	26.5	188.9	27.1	208.6	28.7	232.8