



August 2023

Vickers® by Danfoss

New 50 design DG5V-7 valve

In 2021 we will be introducing the new DG5V-7-50 valve, in line with our efforts to always supply you with the best product technology we have available.

The new DG5V-7-50 valve replaces the DG5V-7-30 model (and any DG5V-7-40 models that may still be available in the US).

Highlights / benefits

- The 50 design consists of high-performance pilot valves only, thereby eliminating the two-tier options.
- Performance upgrade for rated pressure of 350 bar & flow up to 300 lpm.
- Low pressure drop in P-A, P-B, B-T, A-T.
- A lower pressure drop reduces the amount of energy required from the pump to meet the desired pressure and flow rates needed to move cylinders / equipment. This in turn saves customers money by reducing the amount of electricity drawn from their machine.
- Tank port pressure up to 250 bar.
- External / internal, pilot pressure & drain plug accessible from the top & without removing the end cover.

Please work with your customers now to transition them to the new DG5V-7-50 design series. The final buy date for the 30 and 40 designs will be March 1, 2021. After this date, we will no longer be accepting orders for these models.

In the cross-reference table below you will find the crossover part numbers. If you cannot find your new 50 design in the list, please contact your local Danfoss sales, or customer service representative.

Phase-out dates:

The phase-out period will last from January 1 to March 1, 2021

Service policy:

This transition will not affect our warranty terms.

Please check out our updated catalogue for DG3/5V-7 [here!](#)

For all inquiries, please contact IMCProductSupport@danfoss.com.



Cross reference DG5V-7 30 to 50 design in model code order			
Old number	Old model code	New number	New model code
02-138981	DG5V-7-0C-2-E-T-H-M-U-G7-30	848AN00139A	DG5V-7-0C-2-E-T-H-M-U-G7-50
02-110789	DG5V-7-0C-T-30-EN55	02-414407	DG5V-7-0C-T-50-EN55
02-137856	DG5V-7-1C-T-30-EN55	02-414410	DG5V-7-1C-T-50-EN55
02-412110	DG5V-7-2A-E-T-M-U-H7-30	848AN00062A	DG5V-7-2A-E-T-M-U-H7-50
02-110801	DG5V-7-2A-M-U-A6-30	848AN00160A	DG5V-7-2A-M-U-A6-50
02-138042	DG5V-7-2A-M-U-C6-30	848AN00120A	DG5V-7-2A-M-U-C6-50
02-110584	DG5V-7-2A-T-30-EN55	848AN00100A	DG5V-7-2A-T-50-EN55
02-414994	DG5V-7-2A-T-M-U-NN6-30	6048706-001	DG5V-7-2A-T-M-U-NN6-50
02-412672	DG5V-7-2AL-T-M-U-H7-30	848AN00127A	DG5V-7-2AL-T-M-U-H7-50
02-110075	DG5V-7-2B-T-M-U-H7-30	848AN00140A	DG5V-7-2B-T-M-U-H7-50
02-138040	DG5V-7-2C-1-T-30-EN55	848AN00101A	DG5V-7-2C-1-T-50-EN55
02-139469	DG5V-7-2C-3-M-U-H7-30	848AN00148A	DG5V-7-2C-3-M-U-H7-50
02-110808	DG5V-7-2C-M-U-C6-30	848AN00124A	DG5V-7-2C-M-U-C6-50
02-109882	DG5V-7-2C-T-30-EN55	02-414411	DG5V-7-2C-T-50-EN55
02-350842	DG5V-7-2C-T-M-U-D6-30	848AN00141A	DG5V-7-2C-T-M-U-D6-50
02-110790	DG5V-7-33C-T-30-EN55	02-414416	DG5V-7-33C-T-50-EN55
02-110791	DG5V-7-3C-T-30-EN55	02-414412	DG5V-7-3C-T-50-EN55
02-110792	DG5V-7-52C-T-30-EN55	02-414419	DG5V-7-52C-T-50-EN55
02-146392	DG5V-7-6C-1-M-U-A6-30	848AN00143A	DG5V-7-6C-1-M-U-A6-50
02-110793	DG5V-7-6C-1-T-30-EN55	02-414422	DG5V-7-6C-1-T-50-EN55
02-138550	DG5V-7-6C-2-T-M-U-C6-30	848AN00158A	DG5V-7-6C-2-T-M-U-C6-50
02-110794	DG5V-7-6C-T-30-EN55	02-414413	DG5V-7-6C-T-50-EN55
02-138219	DG5V-7-8C-2-VM-U-C6-30	848AN00176A	DG5V-7-8C-2-VM-U-C6-50
02-110795	DG5V-7-8C-T-30-EN55	02-414414	DG5V-7-8C-T-50-EN55
02-110834	DG5V-7-8C-VM-U-C6-30	848AN00064A	DG5V-7-8C-VM-U-C6-50
02-358136	DG5V-7-8C-VM-U-NN6-30	02-414578	DG5V-7-8C-VM-U-NN6-50
02-137748	DG5V-7-9C-T-30-EN55	02-414415	DG5V-7-9C-T-50-EN55
02-138872	DG5V-7-0C-E-M-U-H7-30	848AN00070A	DG5V-7-0C-E-M-U-H7-50
02-412708	DG5V-7-X2A-T-M-U-H7-30-P08	6050309-001	DG5V-7-X2A-T-M-U-H7-50-P08
02-412709	DG5V-7-X2C-3-T-M-U-H7-30	848AN00119A	DG5V-7-X2C-3-T-M-U-H7-50
02-137726	DG5V-7-X33C-1-T-30-EN55	848AN00134A	DG5V-7-X33C-1-T-50-EN55
02-138267	DG5V-7-X33C-3-T-M-U-A6-30	848AN00131A	DG5V-7-X33C-3-T-M-U-A6-50
02-138706	DG5V-7-Y2C-1-T-30-EN55	848AN00145A	DG5V-7-Y2C-1-T-50-EN55
02-413222	DG5V-7-Y2N-3-T-M-U-D6-30	848AN00137A	DG5V-7-Y2N-3-T-M-U-D6-50
02-138087	DG5V-7-Y33C-T-30-EN55	02-414418	DG5V-7-Y33C-T-50-EN55
02-358203	DG5V-7-0A-1-M-U-H7-30	848AN00157A	DG5V-7-0A-1-M-U-H7-50

02-412814	DG5V-7-0A-2-M-U-H7-30	848AN00133A	DG5V-7-0A-2-M-U-H7-50
02-147224	DG5V-7-0A-E-M-U-H7-30	848AN00147A	DG5V-7-0A-E-M-U-H7-50
02-413250	DG5V-7-0A-E-T-M-U-H7-30	848AN00095A	DG5V-7-0A-E-T-M-U-H7-30
02-147541	DG5V-7-0A-MU-H7-30	848AN00017A	DG5V-7-0A-M-U-H7-50
02-146767	DG5V-7-0C-2-M-U-C6-30	848AN00117A	DG5V-7-0C-2-M-U-C6-50
02-333147	DG5V-7-0C-E-T-M-U-H7-30	848AN00050A	DG5V-7-0C-E-T-M-U-H7-50
02-414730	DG5V-7-0C-E-T-VM-KUP5-G7-30	848AN00093A	DG5V-7-0C-E-T-VM-KUP5-G7-50
02-412752	DG5V-7-0C-E-T-VM-U-G7-30	848AN00002A	DG5V 7 0C E T VM U G7 50
02-358050	DG5V-7-0C-E-T-VM-U-H7-30	848AN00010A	DG5V-7-0C-E-T-VM-U-H7-50
02-312030	DG5V-7-0C-K-M-U-H7-30	848AN00026A	DG5V-7-0C-M-U-H7-50
02-138751	DG5V-7-0C-M-U-H7-30	848AN00026A	DG5V-7-0C-M-U-H7-50
02-350975	DG5V-7-2A-1-T-M-U-H7-30	848AN00107A	DG5V-7-2A-1-T-M-U-H7-50
02-147548	DG5V-7-2A-2-T-M-U-B6-30	848AN00129A	DG5V-7-2A-2-T-M-U-B6-50
02-358775	DG5V-7-2A-2-T-M-U-H7-30	848AN00025A	DG5V-7-2A-2-T-M-U-H7-50
835AN00019A	DG5V-7-2A-2-T-VM-U-H7-30	848AN00146A	DG5V-7-2A-2-T-VM-U-H7-50
02-157172	DG5V-7-2A-7-T-M-U-B6-30	848AN00067A	DG5V-7-2A-7-T-M-U-B6-50
02-146342	DG5V-7-2A-E-M-U-H7-30	848AN00030A	DG5V-7-2A-E-M-U-H7-50
02-352984	DG5V-7-2AL-M-U-H7-30	848AN00035A	DG5V-7-2AL-M-U-H7-50
02-147058	DG5V-7-2A-MU-B6-30	848AN00012A	DG5V-7-2A-M-U-B6-50
02-109445	DG5V-7-2A-M-U-H7-30	848AN00004A	DG5V-7-2A-M-U-H7-50
02-146059	DG5V-7-2A-T-M-U-B6-30	848AN00097A	DG5V-7-2A-T-M-U-B6-50
02-138547	DG5V-7-2A-T-M-U-C6-30	848AN00113A	DG5V-7-2A-T-M-U-C6-50
02-138771	DG5V-7-2A-T-M-U-H7-30	848AN00009A	DG5V-7-2A-T-M-U-H7-50
02-412734	DG5V-7-2A-T-VM-U-H7-30	848AN00033A	DG5V-7-2A-T-VM-U-H7-50
02-352009	DG5V-7-2BL-E-M-U-H7-30	848AN00060A	DG5V-7-2BL-E-M-U-H7-50
02-146701	DG5V-7-2C-1-M-U-H7-30	848AN00036A	DG5V-7-2C-1-M-U-H7-50
02-358229	DG5V-7-2C-1-T-M-U-H7-30	848AN00094A	DG5V-7-2C-1-T-M-U-H7-50
02-353457	DG5V-7-2C-2-E-M-U-C6-30	848AN00154A	DG5V-7-2C-2-E-M-U-C6-50
02-156913	DG5V-7-2C-2-E-M-U-H7-30	848AN00167A	DG5V-7-2C-2-E-M-U-H7-50
02-146099	DG5V-7-2C-2-E-T-M-U-H7-30	848AN00069A	DG5V-7-2C-2-E-T-M-U-H7-50
02-147327	DG5V-7-2C-2-MU-B6-30	848AN00049A	DG5V-7-6C-2-M-U-B6-50
02-147327	DG5V-7-2C-2-M-U-B6-30	848AN00065A	DG5V-7-2C-2-M-U-B6-50
02-145762	DG5V-7-2C-2-M-U-H7-30	848AN00046A	DG5V-7-2C-2-M-U-H7-50
02-412989	DG5V-7-2C-2-T-K-M-U-A6-30	848AN00028A	DG5V-7-2C-2-T-M-U-A6-50
02-350825	DG5V-7-2C-2-T-M-U-C6-30	848AN00052A	DG5V-7-2C-2-T-M-U-C6-50
02-138362	DG5V-7-2C-2-T-M-U-H7-30	848AN00045A	DG5V-7-2C-2-T-M-U-H7-50
02-353528	DG5V-7-2C-2-VM-U-H7-30	848AN00061A	DG5V-7-2C-2-VM-U-H7-50
02-412735	DG5V-7-2C-3-T-M-U-H7-30	848AN00059A	DG5V-7-2C-3-T-M-U-H7-50

02-146966	DG5V-7-2C-E-M-U-B6-30	848AN00177A	DG5V-7-2C-E-M-U-B6-50
02-146159	DG5V-7-2C-E-M-U-H7-30	848AN00001A	DG5V 7 2C E M U H7 50
02-109448	DG5V-7-2C-E-T-M-U-H7-30	848AN00013A	DG5V-7-2C-E-T-M-U-H7-50
02-110807	DG5V-7-2C-M-U-A6-30	848AN00055A	DG5V-7-2C-M-U-A6-50
02-138366	DG5V-7-2C-M-U-H7-30	848AN00007A	DG5V-7-2C-M-U-H7-50
02-138141	DG5V-7-2C-T-M-U-A6-30	848AN00063A	DG5V-7-2C-T-M-U-A6-50
02-110809	DG5V-7-2C-T-M-U-C6-30	848AN00034A	DG5V-7-2C-T-M-U-C6-50
02-138247	DG5V-7-2C-T-M-U-H7-30	848AN00005A	DG5V-7-2C-T-M-U-H7-50
02-413335	DG5V-7-2C-T-VM-U-H7-30	848AN00023A	DG5V-7-2C-T-VM-U-H7-50
02-311856	DG5V-7-2C-VM-U-H7-30	848AN00104A	DG5V-7-2C-VM-U-H7-50
02-412736	DG5V-7-2N-2-M-U-H7-30	848AN00031A	DG5V-7-2N-2-M-U-H7-50
02-412737	DG5V-7-2N-2-T-VM-U-H7-30	848AN00054A	DG5V-7-2N-2-T-VM-U-H7-50
02-350330	DG5V-7-2N-3-E-M-U-A6-30	848AN00058A	DG5V-7-2N-3-E-M-U-A6-50
835AN00036A	DG5V-7-2N-3-T-M-U-H7-30	848AN00130A	DG5V-7-2N-3-T-M-U-H7-50
02-138364	DG5V-7-2N-M-U-H7-30	848AN00041A	DG5V-7-2N-M-U-H7-50
02-318158	DG5V-7-2N-T-M-U-B6-30	848AN00109A	DG5V-7-2N-T-M-U-B6-50
02-323043	DG5V-7-2N-T-M-U-H7-30	848AN00032A	DG5V-7-2N-T-M-U-H7-50
02-358558	DG5V-7-2N-VM-U-H7-30	848AN00027A	DG5V-7-2N-VM-U-H7-50
02-413371	DG5V-7-31C-E-T-M-U-C6-30	848AN00037A	DG5V-7-31C-E-T-M-U-C6-50
02-332881	DG5V-7-31C-M-U-H7-30	848AN00110A	DG5V-7-31C-M-U-H7-50
02-138279	DG5V-7-31C-T-M-U-H7-30	848AN00056A	DG5V-7-31C-T-M-U-H7-50
02-412679	DG5V-7-33C-1-T-M-U-H7-30	848AN00047A	DG5V-7-33C-1-T-M-U-H7-50
02-359063	DG5V-7-33C-2-T-M-U-H7-30	848AN00115A	DG5V-7-33C-2-T-M-U-H7-50
02-412738	DG5V-7-33C-E-M-U-H7-30	848AN00043A	DG5V-7-33C-E-T-M-U-H7-50
02-147368	DG5V-7-33C-MU-H7-30	848AN00057A	DG5V-7-33C-M-U-H7-50
02-139699	DG5V-7-33C-T-M-U-H7-30	848AN00072A	DG5V-7-33C-T-M-U-H7-50
02-310719	DG5V-7-33C-VM-U-H7-30	848AN00068A	DG5V-7-33C-VM-U-H7-50
02-397195	DG5V-7-35A-PPA-E-Z-VM-U-H7-30	6048523-001	DG5V-7-35A-PPA-E-Z-VM-U-H7-50
02-397196	DG5V-7-35A-PPA-T-30-EN55	6048931-001	DG5V-7-35A-PPA-T-50-EN55
02-412186	DG5V-7-3C-2-VM-U6-B6-30	848AN00053A	DG5V-7-3C-2-VM-U-B6-50
02-312141	DG5V-7-3C-3-M-U-H7-30	848AN00112A	DG5V-7-3C-3-M-U-H7-50
02-146948	DG5V-7-3C-M-U-C6-30	848AN00149A	DG5V-7-3C-M-U-C6-50
02-412680	DG5V-7-3C-M-U-H7-30	848AN00108A	DG5V-7-3C-M-U-H7-50
02-138683	DG5V-7-3C-T-M-U-H7-30	848AN00018A	DG5V-7-3C-T-M-U-H7-50
835AN00102A	DG5V-7-52BL-2-E-T-M-U-H7-30	848AN00099A	DG5V-7-52BL-2-E-T-M-U-H7-50
02-333896	DG5V-7-52C-2-E-T-M-U-H730	848AN00029A	DG5V-7-52C-2-E-T-M-U-H7-50
835AN00033A	DG5V-7-52C-2-T-M-U-C6-30	848AN00150A	DG5V-7-52C-2-T-M-U-C6-50
02-353410	DG5V-7-52C-E-T-M-U-HL7-30	848AN00051A	DG5V-7-52C-E-T-M-U-HL7-50
02-351553	DG5V-7-52C-E-T-M-U-HL7-30-A08-B06	02-414406	DG5V-7-52C-E-T-M-U-HL7-50-A08-B06

02-156609	DG5V-7-52C-T-MU-H7-30	848AN00078A	DG5V-7-52C-T-M-U-H7-50
6040140-001	DG5V-7-6AL-E-M-U-H7-30-EN609	6050574-001	DG5V-7-6AL-E-M-U-H7-50-EN609
835AN00021A	DG5V-7-6A-T-M-U-H7-30	848AN00128A	DG5V-7-6A-T-M-U-H7-50
835AN00007A	DG5V-7-6A-VM-U-H7-30	848AN00038A	DG5V-7-6A-VM-U-H7-50
835AN00035A	DG5V-7-6B-E-T-M-U-H7-30	848AN00144A	DG5V-7-6B-E-T-M-U-H7-50
02-145811	DG5V-7-6BL-M-U-H7-30	848AN00161A	DG5V-7-6BL-M-U-H7-50
02-412681	DG5V-7-6BL-T-M-U-H7-30	848AN00135A	DG5V-7-6BL-T-M-U-H7-50
02-414469	DG5V-7-6BL-T-VM-U-DJ7-30	6049611-001	DG5V-7-6BL-T-VM-U-DJ7-50
02-351987	DG5V-7-6B-T-M-U-H7-30	848AN00111A	DG5V-7-6B-T-M-U-H7-50
02-146062	DG5V-7-6C-1-M-U-H7-30	848AN00156A	DG5V-7-6C-1-M-U-H7-50
02-352018	DG5V-7-6C-1-T-M-U-H7-30	848AN00042A	DG5V-7-6C-1-T-M-U-H7-50
02-412682	DG5V-7-6C-2-E-M-U-H7-30	848AN00116A	DG5V-7-6C-2-E-M-U-H7-50
02-146046	DG5V-7-6C-2-M-U-H7-30	848AN00020A	DG5V-7-6C-2-M-U-H7-50
02-138285	DG5V-7-6C-2-T-M-U-B6-30	848AN00106A	DG5V-7-6C-2-T-M-U-B6-50
02-145960	DG5V-7-6C-2-T-M-U-H7-30	848AN00105A	DG5V-7-6C-2-T-M-U-H7-50
02-318512	DG5V-7-6C-2-T-VM-U-B6-30	848AN00178A	DG5V-7-6C-2-T-VM-U-B6-50
02-358669	DG5V-7-6C-2-T-V-M-U-H7-30	848AN00039A	DG5V-7-6C-2-T-VM-U-H7-50
02-352082	DG5V-7-6C-2-VM-U-H7-30	848AN00006A	DG5V-7-6C-2-VM-U-H7-50
02-147079	DG5V-7-6C-3-MU-H7-30	848AN00114A	DG5V-7-6C-3-M-U-H7-50
02-333043	DG5V-7-6C-3-T-M-U-C6-30	848AN00138A	DG5V-7-6C-3-T-M-U-C6-50
02-350288	DG5V-7-6C-3-T-M-U-H7-30	848AN00098A	DG5V-7-6C-3-T-M-U-H7-50
02-138799	DG5V-7-6C-E-M-U-H7-30	848AN00024A	DG5V-7-6C-E-M-U-H7-50
835AN00043A	DG5V-7-6C-H-M-U-H7-30	848AN00174A	DG5V-7-6C-H-M-U-H7-50
02-110821	DG5V-7-6C-M-U-A6-30	848AN00022A	DG5V-7-6C-M-U-A6-50
02-138048	DG5V-7-6C-M-U-B6-30	848AN00019A	DG5V-7-6C-M-U-B6-50
02-110822	DG5V-7-6C-M-U-C6-30	848AN00044A	DG5V-7-6C-M-U-C6-50
02-139397	DG5V-7-6C-M-U-H7-30	848AN00008A	DG5V-7-6C-M-U-H7-50
02-138546	DG5V-7-6C-T-M-U-C6-30	848AN00048A	DG5V-7-6C-T-M-U-C6-50
02-412683	DG5V-7-6C-T-M-U-D6-30	848AN00040A	DG5V-7-6C-T-M-U-D6-50
02-138278	DG5V-7-6C-T-M-U-H7-30	848AN00003A	DG5V-7-6C-T-M-U-H7-50
02-350591	DG5V-7-6C-T-VM-U-H7-30	848AN00011A	DG5V-7-6C-T-VM-U-H7-50
02-358048	DG5V-7-6C-VM-U-H7-30	848AN00016A	DG5V-7-6C-VM-U-H7-50
02-146716	DG5V-7-6N-T-M-U-C6-30	848AN00162A	DG5V-7-6N-T-M-U-C6-50
02-411625	DG5V-7-6N-VM-U-H7-30	848AN00015A	DG5V-7-6N-VM-U-H7-50
02-146561	DG5V-7-8C-E-K-VM-U-H7-30	848AN00021A	DG5V-7-8C-E-VM-U-H7-50
02-147049	DG5V-7-8C-E-VMU-H7-30	848AN00021A	DG5V-7-8C-E-VM-U-H7-50
02-312088	DG5V7-8C-K-VMU-H7-30	848AN00014A	DG5V-7-8C-VM-U-H7-50
02-146054	DG5V-7-8C-VM-U-B6-30	848AN00121A	DG5V-7-8C-VM-U-B6-50
02-138365	DG5V-7-8C-VM-U-H7-30	848AN00014A	DG5V-7-8C-VM-U-H7-50
02-358136	DG5V-7-8C-VM-U-NN6-30	02-414278	DG5V-7-8C-VM-U-NN6-50



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02-156787	DG5V-7-X2C-T-30-EN55	02-414420	DG5V-7-X2C-T-50-EN55
835AN00046A	DG5V-7-X33C-3-T-M-U-H7-30	848AN00142A	DG5V-7-X33C-3-T-M-U-H7-50
02-319222	DG5V-7-X33C-T-30-EN55	02-414417	DG5V-7-X33C-T-50-EN55
02-146772	DG5V-7-Y2C-T-30-EN55	02-414421	DG5V-7-Y2C-T-50-EN55
835AN00042A	DG5V-7-Y2N-3-T-M-U-H7-30	848AN00155A	DG5V-7-Y2N-3-T-M-U-H7-50
835AN00080A	DG5V-7-Y33C-3-T-VM-U-H7-30	848AN00136A	DG5V-7-Y33C-3-T-VM-U-H7-50