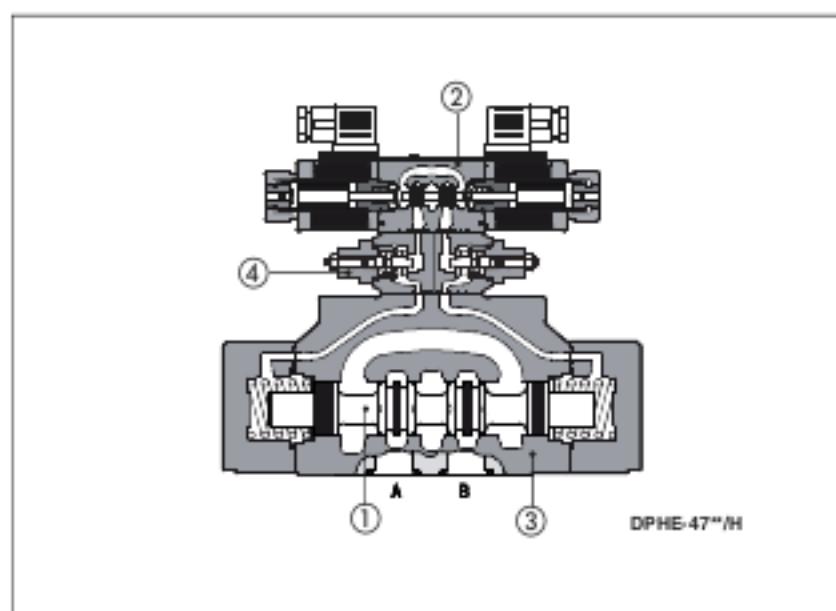


Solenoid directional valves type DPHI, DPHE, DPHER

two stage, ISO 4401 size 10, 16, 25 and 32



DPHI, DPHE and DPHER are spool ① type, two or three position, two stage directional solenoid valves.

They are operated by a direct solenoid pilot valve ② available in three different executions:

- DHI suitable for AC and DC supply with cURus certified solenoids, see tech. table E010
- DHE suitable for AC and DC supply, high performances, see tech. table E015
- DHER as DHE but with cURus certified solenoids, see tech. table E015

Shell-moulding castings ③ machined by transfer lines and then cleaned by thermal deburring. Optimized flow paths largely cored with extrawide channels to tank for low pressure drops.

The valves can be supplied with optional devices, as adjustable chokes for control of switching times ④, see section ⑤ for available options. Coils are easily replaceable without aid of tools.

Surface mounting: ISO 4401, size 10, 16, 25 and 32

Max flow up to 160, 300, 700, 1000 l/min.
Pressure up to 350 bar

1 MODEL CODE

DPH	1	-	2	71	1	/A	-	X	24DC	**	/*		
Two stage directional control valve													
Solenoid pilot valve:													
I = DHI for AC and DC supply with cURus certified solenoids													
E = DHE for AC and DC supply, high performances													
ER = DHER as DHE but with cURus certified solenoids													
Valve size:													
1 = 10 2 = 16 3 = 25													
4 = 25 (high flow) 6 = 32													
Valve configuration, see section ⑤													
61 = single solenoid, center plus external position, spring centered	1	0	2		1	0	2						
63 = single solenoid, 2 external positions, spring offset	0	X	H	1	X	H	2	Z	3	X	H		
67 = single solenoid, center plus external position, spring offset	4	X	H	X	5	X	H	6	X	Z	7	X	H
70 = double solenoid, 2 external positions, without springs	8	X	H	9	X	H	10	Z	11	X	H		
71 = double solenoid, 3 positions, spring centered	19	X	H	20	X	H	21	Z	22	X	H		
75 = double solenoid, 2 external positions, with detent	49	X	H	50	X	H	51	Z	52	X	H		
Other configurations are available on request	16	X	H	17	X	Z	18	Z	19	X	H		
	44	X	H	45	X	Z	46	Z	47	X	H		
	53	X	H	54	X	Z	55	Z	56	X	H		
	58	X	H	59	X	Z	60	Z	61	X	H		
	62	X	H	63	X	Z	64	Z	65	X	H		
	66	X	H	67	X	Z	68	Z	69	X	H		
	73	X	H	74	X	Z	75	Z	76	X	H		
	77	X	H	78	X	Z	79	Z	80	X	H		
	81	X	H	82	X	Z	83	Z	84	X	H		
	85	X	H	86	X	Z	87	Z	88	X	H		
	91	X	H	92	X	Z	93	Z	94	X	H		
	97	X	H	98	X	Z	99	Z	100	X	H		
	101	X	H	102	X	Z	103	Z	104	X	H		
	107	X	H	108	X	Z	109	Z	110	X	H		
	113	X	H	114	X	Z	115	Z	116	X	H		
	117	X	H	118	X	Z	119	Z	120	X	H		
	121	X	H	122	X	Z	123	Z	124	X	H		
	127	X	H	128	X	Z	129	Z	130	X	H		
	131	X	H	132	X	Z	133	Z	134	X	H		
	137	X	H	138	X	Z	139	Z	140	X	H		
	141	X	H	142	X	Z	143	Z	144	X	H		
	147	X	H	148	X	Z	149	Z	150	X	H		
	151	X	H	152	X	Z	153	Z	154	X	H		
	157	X	H	158	X	Z	159	Z	160	X	H		
	161	X	H	162	X	Z	163	Z	164	X	H		
	167	X	H	168	X	Z	169	Z	170	X	H		
	171	X	H	172	X	Z	173	Z	174	X	H		
	177	X	H	178	X	Z	179	Z	180	X	H		
	181	X	H	182	X	Z	183	Z	184	X	H		
	187	X	H	188	X	Z	189	Z	190	X	H		
	191	X	H	192	X	Z	193	Z	194	X	H		
	197	X	H	198	X	Z	199	Z	200	X	H		
	201	X	H	202	X	Z	203	Z	204	X	H		
	207	X	H	208	X	Z	209	Z	210	X	H		
	211	X	H	212	X	Z	213	Z	214	X	H		
	217	X	H	218	X	Z	219	Z	220	X	H		
	221	X	H	222	X	Z	223	Z	224	X	H		
	227	X	H	228	X	Z	229	Z	230	X	H		
	231	X	H	232	X	Z	233	Z	234	X	H		
	237	X	H	238	X	Z	239	Z	240	X	H		
	241	X	H	242	X	Z	243	Z	244	X	H		
	247	X	H	248	X	Z	249	Z	250	X	H		
	251	X	H	252	X	Z	253	Z	254	X	H		
	257	X	H	258	X	Z	259	Z	260	X	H		
	261	X	H	262	X	Z	263	Z	264	X	H		
	267	X	H	268	X	Z	269	Z	270	X	H		
	271	X	H	272	X	Z	273	Z	274	X	H		
	277	X	H	278	X	Z	279	Z	280	X	H		
	281	X	H	282	X	Z	283	Z	284	X	H		
	287	X	H	288	X	Z	289	Z	290	X	H		
	291	X	H	292	X	Z	293	Z	294	X	H		
	297	X	H	298	X	Z	299	Z	300	X	H		
	301	X	H	302	X	Z	303	Z	304	X	H		
	307	X	H	308	X	Z	309	Z	310	X	H		
	311	X	H	312	X	Z	313	Z	314	X	H		
	317	X	H	318	X	Z	319	Z	320	X	H		
	321	X	H	322	X	Z	323	Z	324	X	H		
	327	X	H	328	X	Z	329	Z	330	X	H		
	331	X	H	332	X	Z	333	Z	334	X	H		
	337	X	H	338	X	Z	339	Z	340	X	H		
	341	X	H	342	X	Z	343	Z	344	X	H		
	347	X	H	348	X	Z	349	Z	350	X	H		
	351	X	H	352	X	Z	353	Z	354	X	H		
	357	X	H	358	X	Z	359	Z	360	X	H		
	361	X	H	362	X	Z	363	Z	364	X	H		
	367	X	H	368	X	Z	369	Z	370	X	H		
	371	X	H	372	X	Z	373	Z	374	X	H		
	377	X	H	378	X	Z	379	Z	380	X	H		
	381	X	H	382	X	Z	383	Z	384	X	H		
	387	X	H	388	X	Z	389	Z	390	X	H		
	391	X	H	392	X	Z	393	Z	394	X	H		
	397	X	H	398	X	Z	399	Z	400	X	H		
	401	X	H	402	X	Z	403	Z	404	X	H		
	407	X	H	408	X	Z	409	Z	410	X	H		
	411	X	H	412	X	Z	413	Z	414	X	H		
	417	X	H	418	X	Z	419	Z	420	X	H		
	421	X	H	422	X	Z	423	Z	424	X	H		
	427	X	H	428	X	Z	429	Z	430	X	H		
	431	X	H	432	X	Z	433	Z	434	X	H		
	437	X	H	438	X	Z	439	Z	440	X	H		
	441	X	H	442	X	Z	443	Z	444	X	H		
	447	X	H	448	X	Z	449	Z	450	X	H		
	451	X	H	452	X	Z	453	Z	454	X	H		
	457	X	H	458	X	Z	459	Z	460	X	H		
	461	X	H	462	X	Z	463	Z	464	X	H		
	467	X	H	468	X	Z	469	Z	470	X	H		
	471	X	H	472	X	Z	473	Z	474	X	H		
	477	X	H	478	X	Z	479	Z	480	X	H		
	481	X	H	482	X	Z	483	Z	484	X	H		
	487	X	H	488	X	Z	489	Z	490	X	H		
	491	X	H	492	X	Z	493	Z	494	X	H		
	497	X	H	498	X	Z	499	Z	500	X	H		
	501	X	H	502	X	Z	503	Z	504	X	H		
	507	X	H	508	X	Z	509	Z	510	X	H		
	511	X	H	512	X	Z	513	Z	514	X	H		
	517	X	H	518	X	Z	519	Z	520	X	H		
	521	X	H	522	X	Z	523	Z	524	X	H		
	527	X	H	528	X	Z	529	Z	530	X	H		
	531	X	H	532	X	Z	533	Z	534	X	H		
	537	X	H	538	X	Z	539	Z	540	X	H		
	541	X	H	542	X	Z	543	Z	544	X	H		
	547	X	H	548	X	Z	549	Z	550	X	H		
	551	X	H	552	X	Z	553	Z	554	X	H		
	557	X	H	558	X	Z	559	Z	560	X	H		
	561	X	H	562	X	Z	563	Z	564	X	H		
	567	X	H	568	X	Z	569	Z	570	X	H		
	571	X	H	572	X	Z	573	Z	574	X	H		
	577	X	H	578	X	Z	579	Z	580	X	H		
	581	X	H	582	X	Z	583	Z	584	X	H		
	587	X	H	588	X	Z	589	Z	590	X	H		
	591	X	H	592	X	Z	593	Z	594	X	H		
	597	X	H	598	X	Z	599	Z	600	X	H		
	601	X	H	602	X	Z	603	Z	604	X	H		
	607	X	H	608	X	Z	609	Z	610	X	H		
	611	X	H	612	X	Z	613	Z	614	X	H		
	617	X	H	618	X	Z	619	Z	620	X	H		
	621	X	H	622	X	Z	623	Z	624	X	H		
	627	X	H	628	X	Z	629	Z	630	X	H		