

# PHILIPS

## EQUIVALENT TYPE NUMBERS\*)

Type to be replaced	Philips type	CV nr.	Type to be replaced	Philips type	CV nr.
1CP31	DH3-91	2302	5/62PM	DB13-78	
3AFP7 3AFP11 3AFP31	DP7-91 DB7-91 DH7-91		5ADP1 5ADP2 5ADP7 5ADP11	DG13-34 DN13-34 DP13-34 DB13-34	
3ALP1 3ALP7 3ALP11	DG7-5 DP7-5 DB7-5	2175	5BHP2 5BHP7 5BHP11 5BHP31	DN13-78 DP13-78 DB13-78 DH13-78	
3AMP1	DG7-32	2431	5BKP31	DH13-97	
3BKP2 3BKP7 3BKP11 3BKP31	DN7-78 DP7-78 DB7-78 DH7-78		5CBP2 5CBP7 5CBP11 5CBP31	(D13-15GP) (D13-15GM) (D13-15BE) (D13-15GH)	
3BYP2 3BYP7 3BYP11 3BYP31	DN7-11 DP7-11 DB7-11 DH7-11	0004	5CP1A 5CP7A 5CP11A	(DG13-2) (DP13-2) (DB13-2)	
3WP1 3WP2 3WP7 3WP11	DG7-36 DN7-36 DP7-36 DB7-36		5DQP2 5DQP7 5DQP11 5DQP31	DN13-78 DP13-78 DB13-78 DH13-78	
4EP31	DH10-94		SUP1	DG13-32	
4LP31	DHM10-93		8A1	DG7-36	
5/62CM	DH13-78				

\*) Those between brackets are near equivalents.

## Quick-reference guide of cathode-ray tubes

type range  
screen types  
equivalent type numbers  
accessories

ELECTRONIC COMPONENTS AND MATERIALS DIVISION

TYPE RANGE

Screen diameter or diagonal	For new design		For existing designs only		Replacement		Obsolescent type number
	type number	screen range *)	type number	screen range *)	type number	screen range *)	
3 cm (1")	D.3-91	2					
7 cm (3")	D7-190..	2	D.7-5	4	D.7-36	7	D.7-91
	D.7-11	6	D.7-6	4			
	D.7-31	1	D.7-78	6			
10 cm (4")	D.7-32	1					
	D10-160..	2	D10-11..	6	D.10-6	4	D.10-2
	D10-170..	2	D10-12..	6	D.10-74	1	D.10-3
13 cm (5")	E10-12..	6			D.10-78	6	D.10-5 D.M10-93 D.10-94
	D13-24..	3	D13-16.. <sup>o)</sup>	6	D13-15..	2	D13-17..
	D13-26.. <sup>o)</sup>	6	D13-21..	6	D13-19..	6	D13-20..
	D13-27..	2	D13-23..	2	D.13-2	4	D13-22..
	D13-450.. <sup>o)</sup>	2			D.13-32	1	D.13-97
	D13-480..	2			D.13-34	7	
	D13-500.. <sup>o)</sup>	2			D.13-78	2	
	D14-120..	2					

\*) The numbers refer to the table below. For example D13-26.. range 6 means this tube is available in the versions D13-26GH, D13-26BE, D13-26GP and D13-26GM; D.7-6 range 4 indicates the versions DG 7-6, DB 7-6 and DP 7-6.

<sup>o)</sup> Available with graticule in the screen (type number ...../01)

SCREEN TYPES

Colour	Persistence	Range available							Designation		
		1	2	3	4	5	6	7	New	Old	Amer
yellowish green	medium	+			+			+	GJ	G	P <sub>1</sub>
green	medium-short		+			+	+		GH	H	P <sub>31</sub>
blue	medium-short			+	+	+	+	+	BE	B	P <sub>11</sub>
bluish green	medium-short						+	+	GP	N	P <sub>2</sub>
yellowish green	long				+	+	+	+	GM	P	P <sub>7</sub>

PART NUMBERS OF ACCESSORIES

Tube	Socket		mounting ring	mu-metal shield	p.d.a. connector	side contact connector
	type	number				
D.3-91	Eng. loctal 8p	5902/20 or 40213	-	55525	-	-
D.7-5	Eng. loctal 9p	5906/20 or 40212	-	55530	-	-
D.7-6	Eng. loctal 9p	5906/20 or 40212	-	55530	-	-
D.7-11	all glass*) 14p	40467	-	55532	55563	-
D7-190..	all glass*) 14p	55566	-	55534	-	-
D.7-31	duodecal 12p	5912/20	-	55530	-	-
D.7-32	duodecal 12p	5912/20	-	55530	-	-
D.7-36	duodecal 12p	5912/20	-	55531	-	-
D.7-78	all glass*) 14p	40467	-	55532	55563	-
D.10-6	magnal 11p	5911/20	40637	55540	55560	-
D10-11..	all glass*) 14p	55566	-	55541	55560	-
D10-12..	all glass*) 14p	55566	-	55541	55560	-
D10-160..	all glass*) 14p	55566	-	55547	-	-
D10-170..	all glass*) 14p	55566	-	55548	55563	-
D.10-74	magnal 11p	5911/20	40637	55540	55560	-
D.10-78	diheptal 12p	5914/20	40638	55541	55560	-
D.13-2	diheptal 12p	5914/20	40638	55550	55560	-
D13-15..	diheptal 12p	5914/20	-	55551	55560	55561
D13-16..	all glass*) 14p	55566	-	55554	55563	55561
D13-19..	diheptal 12p	5914/20	-	55551	55563	55561
D13-21..	diheptal 12p	5914/20	40638	55551	55563	55561
D13-23..	all glass*) 14p	55566	-	-	55563	55561
D13-24..	all glass*) 14p	55566	-	*)	55563	*)
D13-26..	all glass*) 14p	55566	-	55555	55563	55561
D13-27..	all glass*) 14p	55566	-	55557	55563	-
D.13-32	duodecal 12p	5912/20	-	55550	-	-
D.13-34	diheptal 12p	5914/20	40638	55550	55560	-
D13-450..	all glass*) 14p	55566	-	55568	55563	55561
D13-480..	all glass*) 14p	55566	-	55580	-	-
D13-500..	all glass*) 14p	55566	-	55582	55563	55561
D.13-78	diheptal 12p	5914/20	40638	55551	55563	55561
D14-120..	all glass*) 14p	55566	-	55581	55563	-
E10-12..	all glass*) 14p	55566	-	55545	55563	55561

\*) supplied with tube