SIT timing pulleys - IMPERIAL PITCH

Timing pulleys IMPERIAL PITCH are available with solid hub execution and for assembly with SER-SIT® taper bushing.
These types of pulleys are available in a wide range of pitches and teeth number.

Solid hub
Material: aluminum/cast iron/steel.
Finishing: protective surface treatment.

Pitch:
- **XL**
- **L**
- **H**
- **XH**
- **XXH**

For mounting taper bushing SER-SIT®
Material: cast iron.
Finishing: protective surface treatment.

Pitch:
- **L**
- **H**
- **XH**

Special executions

Upon request, SIT is able to design and manufacture any type of pulley based on customer requirements.
For peripheral speed exceeding 33 m/s it is strongly recommended to use steel as material of construction.

$$\text{peripheral speed [m/s]} = \frac{\text{pulley diameter [mm]} \cdot \text{rpm}}{19100}$$

In order to reduce the system weight, the pulleys can be manufactured from light metals; in this case the lifetime will be reduced when compared to the standard because the nylon belt coating has a slightly abrasive effect. This disadvantage can be reduced with a high thickness anodization coating of the teeth.

Flanged pulleys

Timing belts, when in motion, have a slight lateral displacement. It is therefore necessary to use at least one flanged pulley to prevent the belt jumping out of the pulley.
Usually, in order to reduce the costs, the flanged pulley is the one with the smaller diameter.
In any case, when the distance of the axes is greater than 8 times the diameter of the small pulley, or when the transmission is working on shafts arranged in a position that is not horizontal, both pulleys have to be flanged.

TOLERANCES

Pulley diameter tolerances

External diameter [mm]	Tolerances [mm]
up to 25,4	+0,05 - 0,00
from 25,4 to 50,8	+0,08 - 0,00
from 50,8 to 101,6	+0,10 - 0,00
from 101,6 to 177,8	+0,13 - 0,00
from 177,8 to 304,8	+0,15 - 0,00
from 304,8 to 508,0	+0,18 - 0,00
from 508,0 to 762,0	+0,20 - 0,00
from 762,0 to 1016,0	+0,23 - 0,00
more than 1016,0	+0,25 - 0,00

Radial circular runout

External diameter [mm]	Measured total eccentricity [mm]
up to 203,2	0,13
more than 203,2	add 0,013 for any 25,4 of diameter

Cylindricity tolerance

Pulley width	Tolerances
for any 100 mm	0,1 mm without exceeding the external diameter tolerance

Protective coating

All (steel and cast iron) pulleys are treated with surface process that gives greater resistance against oxidizing agents. This treatment does not modify the profile or the dimensions of the pulleys.
On request SIT can provide a wide range of special coating, related to the customer specific needs or environmental critical conditions.

Note

Due to a constant improvement of our products, technical data of the pulleys may be subject to changes.
For technical and production reasons, in some cases materials other than those indicated in the catalogue may be used.
For confirmation of the material actually available, please contact customer service.

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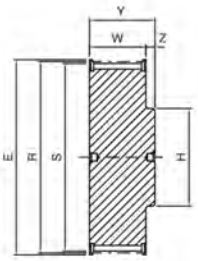
Dimensions of timing pulleys IMPERIAL PITCH - solid hub

Pitches XL - L - H - XH - XXH

Part Number PD 40 XL 037

- IMPERIAL PITCH timing pulleys - solid hub
- Number of teeth
- Pitch
- Belt width in inches x 100



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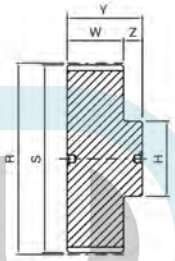
PD ... XL 037

XL

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD10XL037	10	1	23,0	16,17	15,66	-	10,0	-	14,3	25,0	10,7	with flanges	aluminum
PD11XL037	11	1	23,0	17,79	17,28	-	10,0	-	14,3	25,0	10,7		
PD12XL037	12	1	25,0	19,40	18,89	-	12,0	-	14,3	25,0	10,7		
PD13XL037	13	1	25,0	21,02	20,51	-	12,0	-	14,3	25,0	10,7		
PD14XL037	14	1	28,0	22,64	22,13	-	15,0	-	14,3	25,0	10,7		
PD15XL037	15	1	28,0	24,25	23,74	-	16,0	-	14,3	25,0	10,7		
PD16XL037	16	1	32,0	25,87	25,36	-	17,0	-	14,3	25,0	10,7		
PD17XL037	17	1	32,0	27,49	26,98	-	20,0	-	14,3	25,0	10,7		
PD18XL037	18	1	35,0	29,11	28,60	-	20,0	-	14,3	25,0	10,7		
PD19XL037	19	1	35,0	30,72	30,21	-	20,0	-	14,3	25,0	10,7		
PD20XL037	20	1	38,0	32,34	31,83	-	24,0	-	14,3	25,0	10,7		
PD21XL037	21	1	38,0	33,96	33,45	-	24,0	-	14,3	25,0	10,7		
PD22XL037	22	1	41,0	35,57	35,06	-	27,0	-	14,3	25,0	10,7		
PD24XL037	24	1	44,0	38,81	38,30	-	30,0	-	14,3	25,0	10,7		
PD25XL037	25	1	44,0	39,93	39,93	-	30,0	-	14,3	25,0	10,7		
PD26XL037	26	1	48,0	42,03	41,53	-	30,0	-	14,3	25,0	10,7		
PD27XL037	27	1	48,0	43,66	43,15	-	32,0	-	14,3	25,0	10,7		
PD28XL037	28	1	51,0	45,28	44,77	-	34,0	-	14,3	25,0	10,7		
PD29XL037	29	1	51,0	46,89	46,38	-	34,0	-	14,3	25,0	10,7		
PD30XL037	30	1	54,0	48,51	48,00	-	38,0	-	14,3	25,0	10,7		
PD32XL037	32	1A	-	51,74	51,23	-	45,0	-	14,3	25,0	10,7	without flanges	
PD34XL037	34	1A	-	54,98	54,47	-	45,0	-	14,3	25,0	10,7		
PD35XL037	35	1A	-	56,60	56,09	-	45,0	-	14,3	25,0	10,7		
PD36XL037	36	1A	-	58,21	57,70	-	52,0	-	14,3	25,0	10,7		
PD38XL037	38	1A	-	61,45	60,94	-	52,0	-	14,3	25,0	10,7		
PD39XL037	39	1A	-	63,06	62,55	-	52,0	-	14,3	25,0	10,7		
PD40XL037	40	1A	-	64,68	64,17	-	52,0	-	14,3	25,0	10,7		
PD41XL037	41	1A	-	66,30	65,79	-	52,0	-	14,3	25,0	10,7		
PD42XL037	42	1A	-	67,91	67,40	-	52,0	-	14,3	25,0	10,7		
PD43XL037	43	1A	-	69,53	69,02	-	52,0	-	14,3	25,0	10,7		
PD44XL037	44	1A	-	71,15	70,64	-	52,0	-	14,3	25,0	10,7		
PD45XL037	45	1A	-	72,77	72,26	-	52,0	-	14,3	25,0	10,7		
PD46XL037	46	1A	-	74,38	73,87	-	52,0	-	14,3	25,0	10,7		
PD47XL037	47	1A	-	76,00	75,49	-	52,0	-	14,3	25,0	10,7		
PD48XL037	48	1A	-	77,62	77,11	-	52,0	-	14,3	25,0	10,7		
PD49XL037	49	3A	-	79,23	78,72	54,0	52,0	-	14,3	25,0	10,7		
PD52XL037	52	3A	-	84,08	83,57	58,0	52,0	-	14,3	25,0	10,7		
PD56XL037	56	3A	-	90,55	90,04	65,0	52,0	-	14,3	25,0	10,7		
PD57XL037	57	3A	-	92,17	91,66	67,0	52,0	-	14,3	25,0	10,7		
PD58XL037	58	3A	-	93,79	93,28	69,0	52,0	-	14,3	25,0	10,7		
PD59XL037	59	3A	-	95,40	94,89	70,0	52,0	-	14,3	25,0	10,7		
PD60XL037	60	3A	-	97,02	96,51	71,0	52,0	-	14,3	25,0	10,7		
PD68XL037	68	3A	-	109,96	109,45	84,0	52,0	-	14,3	25,0	10,7		
PD69XL037	69	3A	-	111,57	111,06	85,0	52,0	-	14,3	25,0	10,7		
PD70XL037	70	3A	-	113,19	112,68	87,0	52,0	-	14,3	25,0	10,7		
PD71XL037	71	3A	-	114,81	114,30	89,0	52,0	-	14,3	25,0	10,7		
PD72XL037	72	3A	-	116,43	115,92	91,0	52,0	-	14,3	25,0	10,7		



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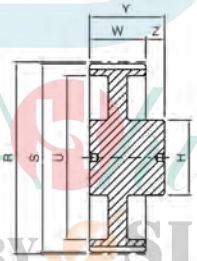

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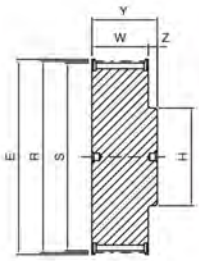
Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... L 050

L

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD10L050	10	1	37,0	30,32	29,56	-	20,0	-	19,0	30,0	11,0	with flanges	steel
PD11L050	11	1	37,0	33,35	32,59	-	20,0	-	19,0	30,0	11,0		
PD12L050	12	1	43,0	36,38	35,62	-	27,0	-	19,0	30,0	11,0		
PD13L050	13	1	44,0	39,41	38,65	-	27,0	-	19,0	30,0	11,0		
PD14L050	14	1	48,0	42,45	41,69	-	29,0	-	19,0	30,0	11,0		
PD15L050	15	1	51,0	45,48	44,72	-	32,0	-	19,0	30,0	11,0		
PD16L050	16	1	54,0	48,51	47,75	-	37,0	-	19,0	30,0	11,0		
PD17L050	17	1	57,0	51,54	50,78	-	37,0	-	19,0	30,0	11,0		
PD18L050	18	1	60,0	54,57	53,81	-	41,0	-	19,0	30,0	11,0		
PD19L050	19	1	64,0	57,61	56,84	-	41,0	-	19,0	30,0	11,0		
PD20L050	20	1	66,5	60,64	59,88	-	47,0	-	19,0	30,0	11,0		
PD21L050	21	1	70,0	63,67	62,91	-	47,0	-	19,0	30,0	11,0		
PD22L050	22	1	75,0	66,70	65,94	-	50,0	-	19,0	30,0	11,0		
PD23L050	23	1	79,0	69,73	68,97	-	50,0	-	19,0	30,0	11,0		
PD24L050	24	1	79,0	72,77	72,01	-	55,0	-	19,0	32,0	13,0		
PD25L050	25	1	82,5	75,80	75,04	-	58,0	-	19,0	32,0	13,0		
PD26L050	26	1	86,0	78,83	78,07	-	64,0	-	19,0	32,0	13,0		
PD27L050	27	1	86,0	81,86	81,10	-	64,0	-	19,0	32,0	13,0		
PD28L050	28	1	91,0	84,89	84,13	-	70,0	-	19,0	32,0	13,0		
PD29L050	29	1	94,0	87,93	87,16	-	70,0	-	19,0	32,0	13,0		
PD30L050	30	1	97,0	90,96	90,20	-	72,0	-	19,0	34,0	15,0		
PD32L050	32	1	102,0	97,02	96,26	-	75,0	-	19,0	34,0	15,0		
PD33L050	33	1	106,0	100,05	99,29	-	80,0	-	19,0	34,0	15,0		
PD34L050	34	1	112,0	103,08	102,32	-	85,0	-	19,0	34,0	15,0		
PD35L050	35	1	112,0	106,12	105,35	-	88,0	-	19,0	34,0	15,0		
PD36L050	36	1	115,0	109,15	108,39	-	88,0	-	19,0	34,0	15,0		
PD40L050	40	3	128,0	121,28	120,52	100,0	68,0	11,0	19,0	34,0	15,0		
PD41L050	41	3	128,0	124,31	123,55	103,0	68,0	11,0	19,0	34,0	15,0		
PD42L050	42	3	135,0	127,34	126,58	106,0	68,0	11,0	19,0	34,0	15,0		
PD44L050	44	3	142,0	133,40	132,64	112,0	68,0	11,0	19,0	34,0	15,0		
PD45L050	45	3	142,0	136,44	135,67	115,0	68,0	11,0	19,0	34,0	15,0		
PD47L050	47	3	150,0	142,50	141,74	121,0	68,0	11,0	19,0	34,0	15,0		
PD48L050	48	3	150,0	145,53	144,77	124,0	68,0	11,0	19,0	46,0	27,0		
PD49L050	49	3A	-	148,56	147,80	127,0	68,0	12,0	19,0	46,0	27,0	without flanges	cast iron
PD50L050	50	3A	-	151,60	150,83	130,0	68,0	12,0	19,0	46,0	27,0		
PD52L050	52	3A	-	157,66	156,90	136,0	68,0	12,0	19,0	46,0	27,0		
PD56L050	56	3A	-	169,79	169,02	139,0	68,0	12,0	19,0	46,0	27,0		
PD57L050	57	3A	-	172,82	172,06	152,0	68,0	12,0	19,0	46,0	27,0		
PD60L050	60	3A	-	181,91	181,15	160,0	68,0	12,0	19,0	46,0	27,0		
PD65L050	65	3A	-	197,07	196,31	176,0	68,0	12,0	19,0	46,0	27,0		
PD66L050	66	3A	-	200,11	199,34	179,0	68,0	12,0	19,0	46,0	27,0		
PD72L050	72	3A	-	218,30	217,54	197,0	75,0	12,0	19,0	46,0	27,0		
PD84L050	84	3A	-	254,68	253,92	233,0	75,0	12,0	19,0	46,0	27,0		
PD90L050	90	3A	-	272,87	272,11	252,0	75,0	12,0	19,0	46,0	27,0		
PD96L050	96	3A	-	291,06	290,30	270,0	80,0	12,0	19,0	46,0	27,0		
PD120L050	120	5B	-	363,83	363,07	342,0	85,0	18,0	19,0	46,0	27,0		



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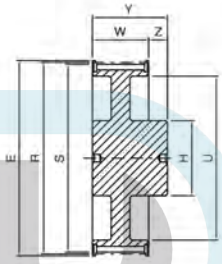

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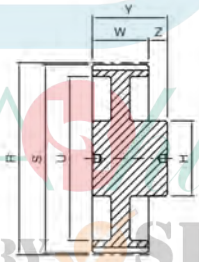

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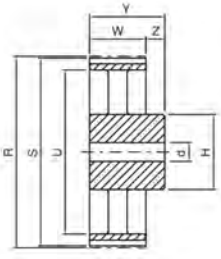

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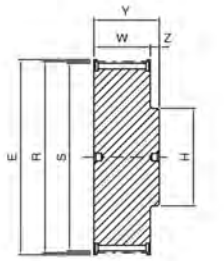
* = A prebore, with a maximum diameter "d", might be present.

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... L 075

L

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD10L075	10	1	37,0	30,32	29,56	-	20,0	-	25,4	38,0	12,6	with flanges	steel
PD11L075	11	1	37,0	33,35	32,59	-	20,0	-	25,4	38,0	12,6		
PD12L075	12	1	43,0	36,38	35,62	-	27,0	-	25,4	38,0	12,6		
PD13L075	13	1	44,0	39,41	38,65	-	27,0	-	25,4	38,0	12,6		
PD14L075	14	1	48,0	42,45	41,69	-	29,0	-	25,4	38,0	12,6		
PD15L075	15	1	51,0	45,48	44,72	-	32,0	-	25,4	38,0	12,6		
PD16L075	16	1	54,0	48,51	47,75	-	37,0	-	25,4	38,0	12,6		
PD17L075	17	1	57,0	51,54	50,78	-	37,0	-	25,4	38,0	12,6		
PD18L075	18	1	60,0	54,57	53,81	-	41,0	-	25,4	38,0	12,6		
PD19L075	19	1	64,0	57,61	56,84	-	41,0	-	25,4	38,0	12,6		
PD20L075	20	1	66,5	60,64	59,88	-	47,0	-	25,4	38,0	12,6		
PD21L075	21	1	70,0	63,67	62,91	-	47,0	-	25,4	38,0	12,6		
PD22L075	22	1	75,0	66,70	65,94	-	50,0	-	25,4	38,0	12,6		
PD23L075	23	1	79,0	69,73	68,97	-	50,0	-	25,4	38,0	12,6		
PD24L075	24	1	79,0	72,77	72,01	-	57,0	-	25,4	38,0	12,6		
PD25L075	25	1	83,0	75,80	75,04	-	58,0	-	25,4	38,0	12,6		
PD26L075	26	1	87,0	78,83	78,07	-	64,0	-	25,4	38,0	12,6		
PD27L075	27	1	87,0	81,86	81,10	-	64,0	-	25,4	38,0	12,6		
PD28L075	28	1	91,0	84,89	84,13	-	70,0	-	25,4	38,0	12,6		
PD29L075	29	1	93,0	87,93	87,16	-	70,0	-	25,4	38,0	12,6		
PD30L075	30	1	97,0	90,96	90,20	-	72,0	-	25,4	38,0	12,6		
PD32L075	32	1	102,0	97,02	96,26	-	75,0	-	25,4	38,0	12,6		
PD33L075	33	1	106,0	100,05	99,29	-	80,0	-	25,4	38,0	12,6		
PD34L075	34	1	112,0	103,08	102,32	-	85,0	-	25,4	38,0	12,6		
PD35L075	35	1	112,0	106,12	105,35	-	88,0	-	25,4	38,0	12,6		
PD36L075	36	1	128,0	109,15	108,39	-	88,0	-	25,4	38,0	12,6		
PD40L075	40	3	128,0	121,28	120,52	100,0	68,0	11,0	25,4	38,0	12,6		
PD41L075	41	3	128,0	124,31	123,55	103,0	68,0	11,0	25,4	38,0	12,6		
PD42L075	42	3	135,0	127,34	126,58	106,0	68,0	11,0	25,4	38,0	12,6		
PD44L075	44	3	142,0	133,40	132,64	112,0	68,0	11,0	25,4	38,0	12,6		
PD45L075	45	3	150,0	136,44	135,67	115,0	68,0	11,0	25,4	38,0	12,6		
PD47L075	47	3	150,0	142,50	141,74	121,0	68,0	11,0	25,4	38,0	12,6		
PD48L075	48	3	150,0	145,53	144,77	124,0	68,0	11,0	25,4	48,0	22,6		
PD49L075	49	3A	-	148,56	147,80	127,0	68,0	12,0	25,4	48,0	22,6	without flanges	cast iron
PD50L075	50	3A	-	151,60	150,83	130,0	68,0	12,0	25,4	48,0	22,6		
PD52L075	52	3A	-	157,66	156,90	136,0	68,0	12,0	25,4	48,0	22,6		
PD56L075	56	3A	-	169,79	169,02	139,0	68,0	12,0	25,4	48,0	22,6		
PD57L075	57	3A	-	172,82	172,06	152,0	68,0	12,0	25,4	48,0	22,6		
PD60L075	60	3A	-	181,91	181,15	160,0	68,0	12,0	25,4	48,0	22,6		
PD65L075	65	3A	-	197,07	196,31	176,0	68,0	12,0	25,4	48,0	22,6		
PD66L075	66	3A	-	200,11	199,34	179,0	68,0	12,0	25,4	48,0	22,6		
PD72L075	72	3A	-	218,30	217,54	197,0	75,0	12,0	25,4	48,0	22,6		
PD84L075	84	3A	-	254,68	253,92	233,0	75,0	12,0	25,4	48,0	22,6		
PD90L075	90	3A	-	272,87	272,11	252,0	75,0	12,0	25,4	48,0	22,6		
PD96L075	96	3A	-	291,06	290,30	270,0	80,0	12,0	25,4	48,0	22,6		
PD120L075	120	5B	-	363,83	363,07	342,0	85,0	18,0	25,4	48,0	22,6		



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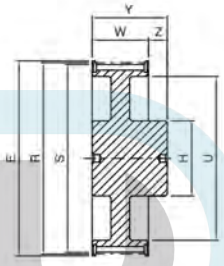

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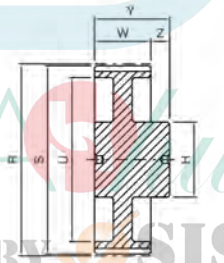

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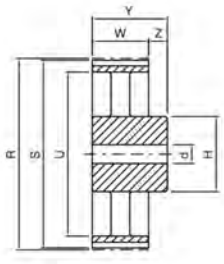


5B

* = A prebore, with a maximum diameter "d", might be present.

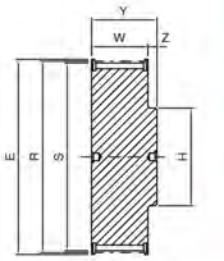
SITSZ.HU
FAKSZ.HU
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... L 100

L

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD10L100	10	1	37,0	30,32	29,56	-	20,0	-	32,0	46,0	14,0	with flanges	steel
PD11L100	11	1	37,0	33,35	32,59	-	20,0	-	32,0	46,0	14,0		
PD12L100	12	1	43,0	36,38	35,62	-	27,0	-	32,0	46,0	14,0		
PD13L100	13	1	44,0	39,41	38,65	-	27,0	-	32,0	46,0	14,0		
PD14L100	14	1	48,0	42,45	41,69	-	29,0	-	32,0	46,0	14,0		
PD15L100	15	1	51,0	45,48	44,72	-	32,0	-	32,0	46,0	14,0		
PD16L100	16	1	54,0	48,51	47,75	-	37,0	-	32,0	46,0	14,0		
PD17L100	17	1	57,0	51,54	50,78	-	37,0	-	32,0	46,0	14,0		
PD18L100	18	1	60,0	54,57	53,81	-	41,0	-	32,0	46,0	14,0		
PD19L100	19	1	64,0	57,61	56,84	-	41,0	-	32,0	46,0	14,0		
PD20L100	20	1	66,5	60,64	59,88	-	47,0	-	32,0	46,0	14,0		
PD21L100	21	1	70,0	63,67	62,91	-	47,0	-	32,0	46,0	14,0		
PD22L100	22	1	75,0	66,70	65,94	-	50,0	-	32,0	46,0	14,0		
PD23L100	23	1	79,0	69,73	68,97	-	50,0	-	32,0	46,0	14,0		
PD24L100	24	1	79,0	72,77	72,01	-	57,0	-	32,0	46,0	14,0		
PD25L100	25	1	82,5	75,80	75,04	-	58,0	-	32,0	46,0	14,0		
PD26L100	26	1	86,0	78,83	78,07	-	64,0	-	32,0	46,0	14,0		
PD27L100	27	1	86,0	81,86	81,10	-	64,0	-	32,0	46,0	14,0		
PD28L100	28	1	91,0	84,89	84,13	-	70,0	-	32,0	46,0	14,0		
PD29L100	29	1	93,0	87,93	87,16	-	70,0	-	32,0	46,0	14,0		
PD30L100	30	1	97,0	90,96	90,20	-	72,0	-	32,0	46,0	14,0		
PD32L100	32	1	102,0	97,02	96,26	-	75,0	-	32,0	46,0	14,0		
PD33L100	33	1	106,0	100,05	99,29	-	80,0	-	32,0	46,0	14,0		
PD34L100	34	1	112,0	103,08	102,32	-	85,0	-	32,0	46,0	14,0		
PD35L100	35	1	112,0	106,12	105,35	-	88,0	-	32,0	46,0	14,0		
PD36L100	36	1	115,0	109,15	108,39	-	88,0	-	32,0	46,0	14,0		
PD40L100	40	3	128,0	121,28	120,52	100,0	68,0	11,0	32,0	46,0	14,0		
PD41L100	41	3	128,0	124,31	123,55	103,0	68,0	11,0	32,0	46,0	14,0		
PD42L100	42	3	135,0	127,34	126,58	106,0	68,0	11,0	32,0	46,0	14,0		
PD44L100	44	3	142,0	133,40	132,64	112,0	68,0	11,0	32,0	46,0	14,0		
PD45L100	45	3	142,0	136,44	135,67	115,0	68,0	11,0	32,0	46,0	14,0		
PD47L100	47	3	150,0	142,50	141,74	121,0	68,0	11,0	32,0	46,0	14,0		
PD48L100	48	3	150,0	145,53	144,77	124,0	68,0	11,0	32,0	50,0	18,0		
PD49L100	49	3A	-	148,56	147,80	127,0	68,0	12,0	32,0	50,0	18,0	without flanges	cast iron
PD50L100	50	3A	-	151,60	150,83	130,0	68,0	12,0	32,0	50,0	18,0		
PD52L100	52	3A	-	157,66	156,90	136,0	68,0	12,0	32,0	50,0	18,0		
PD56L100	56	3A	-	169,79	169,02	139,0	68,0	12,0	32,0	50,0	18,0		
PD57L100	57	3A	-	172,82	172,06	152,0	68,0	12,0	32,0	50,0	18,0		
PD60L100	60	3A	-	181,91	181,15	160,0	75,0	12,0	32,0	54,0	22,0		
PD65L100	65	3A	-	197,07	196,31	176,0	75,0	12,0	32,0	54,0	22,0		
PD66L100	66	3A	-	200,11	199,34	179,0	75,0	12,0	32,0	54,0	22,0		
PD72L100	72	3A	-	218,30	217,54	197,0	75,0	12,0	32,0	54,0	22,0		
PD84L100	84	3A	-	254,68	253,92	233,0	80,0	12,0	32,0	54,0	22,0		
PD90L100	90	3A	-	272,87	272,11	252,0	80,0	12,0	32,0	54,0	22,0		
PD96L100	96	3A	-	291,06	290,30	270,0	80,0	12,0	32,0	54,0	22,0		
PD120L100	120	5B	-	363,83	363,07	342,0	90,0	18,0	32,0	54,0	22,0		



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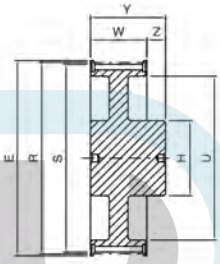

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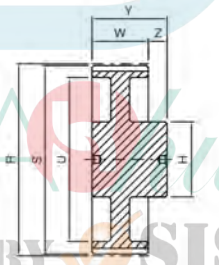

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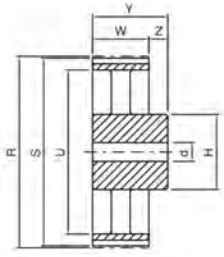


5B

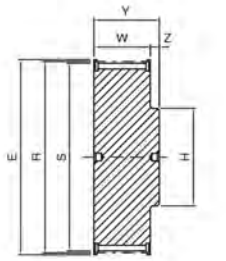
* = A prebore, with a maximum diameter "d", might be present.

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... H 075

H

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD14H075	14	1	64,0	56,60	55,23	-	40,0	-	25,4	38,0	12,6	with flanges	steel
PD15H075	15	1	66,5	60,64	59,27	-	45,0	-	25,4	38,0	12,6		
PD16H075	16	1	70,0	64,68	63,31	-	47,0	-	25,4	38,0	12,6		
PD17H075	17	1	75,0	68,72	67,35	-	49,0	-	25,4	38,0	12,6		
PD18H075	18	1	79,0	72,77	71,40	-	57,0	-	25,4	38,0	12,6		
PD19H075	19	1	82,5	76,81	75,44	-	60,0	-	25,4	38,0	12,6		
PD20H075	20	1	87,0	80,85	79,48	-	64,0	-	25,4	38,0	12,6		
PD21H075	21	1	91,0	84,89	83,52	-	64,0	-	25,4	38,0	12,6		
PD22H075	22	1	94,0	88,94	87,57	-	70,0	-	25,4	38,0	12,6		
PD23H075	23	1	97,0	92,98	91,61	-	72,0	-	25,4	38,0	12,6		
PD24H075	24	1	102,0	97,02	95,65	-	80,0	-	25,4	38,0	12,6		
PD25H075	25	1	106,0	101,06	99,69	-	80,0	-	25,4	38,0	12,6		
PD26H075	26	1	112,0	105,11	103,74	-	85,0	-	25,4	38,0	12,6		
PD27H075	27	1	115,0	109,15	107,78	-	88,0	-	25,4	38,0	12,6		
PD28H075	28	1	120,0	113,19	111,92	-	94,0	-	25,4	38,0	12,6		
PD29H075	29	1	120,0	117,23	115,86	-	96,0	-	25,4	38,0	12,6		
PD30H075	30	1	128,0	121,28	119,91	-	104,0	-	25,4	38,0	12,6		
PD32H075	32	1	135,0	129,36	127,99	-	112,0	-	25,4	38,0	12,6		
PD33H075	33	1	142,0	133,40	132,03	-	112,0	-	25,4	38,0	12,6		
PD34H075	34	1	142,0	137,45	136,08	-	116,0	-	25,4	38,0	12,6		
PD35H075	35	3	150,0	141,49	140,12	118,0	68,0	11,0	25,4	48,0	22,6		
PD36H075	36	3	150,0	145,53	144,16	118,0	68,0	11,0	25,4	48,0	22,6		
PD38H075	38	3	158,0	153,62	152,25	126,0	68,0	11,0	25,4	48,0	22,6		
PD40H075	40	3	168,0	161,70	160,33	134,0	68,0	11,0	25,4	48,0	22,6		
PD44H075	44	3	184,0	177,87	176,50	150,0	68,0	12,0	25,4	48,0	22,6		
PD45H075	45	3	192,0	181,91	180,54	154,0	68,0	12,0	25,4	48,0	22,6		
PD48H075	48	3	200,0	194,04	192,67	166,0	68,0	12,0	25,4	48,0	22,6		
PD49H075	49	3A	-	198,08	196,71	170,0	68,0	12,0	25,4	48,0	22,6	without flanges	cast iron
PD50H075	50	3A	-	202,13	200,76	174,0	68,0	12,0	25,4	48,0	22,6		
PD52H075	52	3A	-	210,21	208,84	182,0	75,0	19,0	25,4	48,0	22,6		
PD60H075	60	3A	-	242,55	241,18	215,0	75,0	19,0	25,4	48,0	22,6		
PD70H075	70	3A	-	282,98	281,61	255,0	75,0	19,0	25,4	48,0	22,6		
PD72H075	72	3A	-	291,06	289,69	263,0	80,0	19,0	25,4	48,0	22,6		
PD82H075	82	5A	-	331,49	330,12	304,0	80,0	19,0	25,4	55,0	29,6		
PD84H075	84	5A	-	339,57	338,20	312,0	90,0	19,0	25,4	55,0	29,6		
PD94H075	94	5A	-	380,00	378,63	352,0	90,0	19,0	25,4	55,0	29,6		
PD96H075	96	5A	-	388,08	386,71	360,0	100,0	19,0	25,4	55,0	29,6		
PD106H075	106	5A	-	428,51	427,14	401,0	100,0	19,0	25,4	55,0	29,6		
PD116H075	116	5A	-	468,93	467,56	441,0	100,0	19,0	25,4	55,0	29,6		
PD118H075	118	5A	-	477,02	475,65	449,0	100,0	19,0	25,4	55,0	29,6		
PD120H075	120	5A	-	485,10	483,73	458,0	100,0	19,0	25,4	55,0	29,6		
PD150H075	150	5A	-	606,38	605,01	579,0	100,0	19,0	25,4	55,0	29,6		
PD152H075	152	5A	-	614,46	613,09	587,0	100,0	19,0	25,4	55,0	29,6		
PD154H075	154	5A	-	622,55	621,17	595,0	100,0	19,0	25,4	55,0	29,6		
PD156H075	156	5A	-	630,63	629,26	603,0	120,0	19,0	25,4	55,0	29,6		



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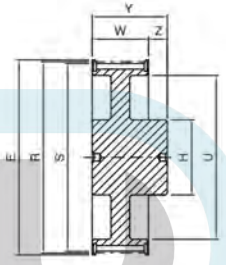

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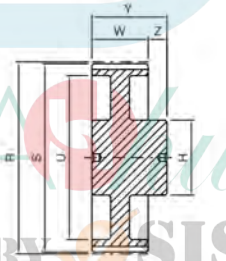
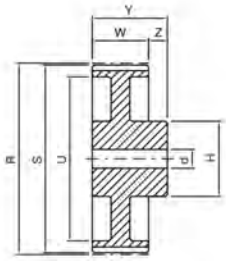


3A*



5A

* = A prebore, with a maximum diameter "d", might be present.

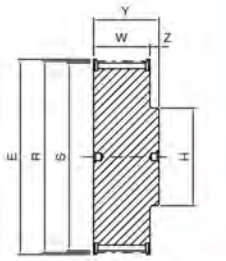
SITSPA.HU
FAZEKAS ELEKTRONIKA
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... H 100

H

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD14H100	14	1	64,0	56,60	55,23	-	40,0	-	33,3	44,0	10,7	with flanges	steel
PD15H100	15	1	66,5	60,64	59,27	-	45,0	-	33,3	44,0	10,7		
PD16H100	16	1	70,0	64,68	63,31	-	47,0	-	33,3	44,0	10,7		
PD17H100	17	1	75,0	68,72	67,35	-	49,0	-	33,3	44,0	10,7		
PD18H100	18	1	79,0	72,77	71,40	-	57,0	-	33,3	44,0	10,7		
PD19H100	19	1	82,5	76,81	75,44	-	60,0	-	33,3	44,0	10,7		
PD20H100	20	1	87,0	80,85	79,48	-	64,0	-	33,3	44,0	10,7		
PD21H100	21	1	91,0	84,89	83,52	-	64,0	-	33,3	44,0	10,7		
PD22H100	22	1	94,0	88,94	87,57	-	70,0	-	33,3	44,0	10,7		
PD23H100	23	1	97,0	92,98	91,61	-	72,0	-	33,3	44,0	10,7		
PD24H100	24	1	102,0	97,02	95,65	-	80,0	-	33,3	44,0	10,7		
PD25H100	25	1	106,0	101,06	99,69	-	80,0	-	33,3	44,0	10,7		
PD26H100	26	1	112,0	105,11	103,74	-	85,0	-	33,3	44,0	10,7		
PD27H100	27	1	115,0	109,15	107,78	-	88,0	-	33,3	44,0	10,7		
PD28H100	28	1	120,0	113,19	111,92	-	94,0	-	33,3	48,0	14,7		
PD29H100	29	1	120,0	117,23	115,86	-	96,0	-	33,3	48,0	14,7		
PD30H100	30	1	128,0	121,28	119,91	-	104,0	-	33,3	50,0	16,7		
PD32H100	32	1	135,0	129,36	127,99	-	112,0	-	33,3	52,0	18,7		
PD33H100	33	1	142,0	133,40	132,03	-	112,0	-	33,3	52,0	18,7		
PD34H100	34	1	142,0	137,45	136,08	-	116,0	-	33,3	52,0	18,7		
PD35H100	35	3	150,0	141,49	140,12	118,0	75,0	12,0	33,3	52,0	18,7		
PD36H100	36	3	150,0	145,53	144,16	118,0	75,0	12,0	33,3	52,0	18,7		
PD38H100	38	3	158,0	153,62	152,25	126,0	75,0	12,0	33,3	52,0	18,7		
PD40H100	40	3	168,0	161,70	160,33	134,0	75,0	12,0	33,3	54,0	20,7		
PD44H100	44	3	184,0	177,87	176,50	150,0	75,0	12,0	33,3	54,0	20,7		
PD45H100	45	3	192,0	181,91	180,54	154,0	7,05	12,0	33,3	54,0	20,7		
PD48H100	48	3	200,0	194,04	192,67	166,0	75,0	12,0	33,3	60,0	26,7		
PD49H100	49	3A	-	198,08	196,71	170,0	75,0	12,0	33,3	60,0	26,7	without flanges	cast iron
PD50H100	50	3A	-	202,13	200,76	174,0	75,0	18,0	33,3	60,0	26,7		
PD52H100	52	3A	-	210,21	208,84	182,0	75,0	18,0	33,3	60,0	26,7		
PD60H100	60	3A	-	242,55	241,18	215,0	80,0	18,0	33,3	60,0	26,7		
PD70H100	70	3A	-	282,98	281,61	255,0	80,0	18,0	33,3	60,0	26,7		
PD72H100	72	3A	-	291,06	289,69	263,0	80,0	18,0	33,3	60,0	26,7		
PD82H100	82	5A	-	331,49	330,12	304,0	80,0	18,0	33,3	60,0	26,7		
PD84H100	84	5B	-	339,57	338,20	312,0	90,0	18,0	33,3	60,0	26,7		
PD94H100	94	5B	-	380,00	378,63	352,0	90,0	18,0	33,3	60,0	26,7		
PD96H100	96	5B	-	388,08	386,71	360,0	100,0	18,0	33,3	60,0	26,7		
PD106H100	106	5B	-	428,51	427,14	401,0	100,0	18,0	33,3	60,0	26,7		
PD116H100	116	5B	-	468,93	467,56	441,0	100,0	18,0	33,3	60,0	26,7		
PD118H100	118	5B	-	477,02	475,65	449,0	100,0	18,0	33,3	60,0	26,7		
PD120H100	120	5B	-	485,10	483,73	458,0	100,0	18,0	33,3	60,0	26,7		
PD150H100	150	5B	-	606,38	605,01	579,0	100,0	18,0	33,3	60,0	26,7		
PD152H100	152	5B	-	614,46	613,09	587,0	100,0	18,0	33,3	60,0	26,7		
PD154H100	154	5B	-	622,55	621,17	595,0	100,0	18,0	33,3	60,0	26,7		
PD156H100	156	5B	-	630,63	629,26	603,0	120,0	18,0	33,3	60,0	26,7		



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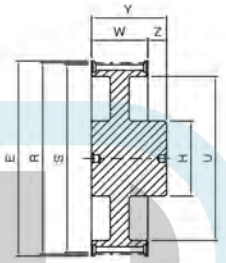

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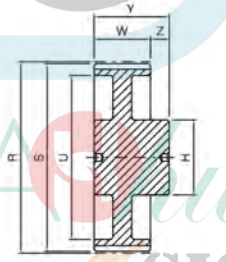

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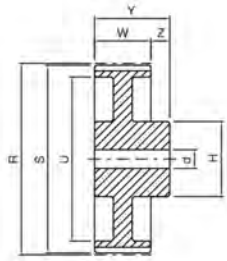

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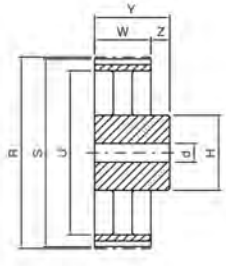


5B

* = A prebore, with a maximum diameter "d", might be present.

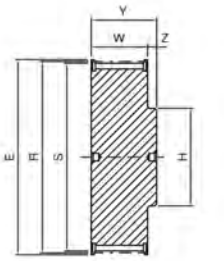
SITSPA.HU
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... H 150

H

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD14H150	14	1	64,0	56,60	55,23	-	40,0	-	46,0	58,0	12,0	with flanges	steel
PD15H150	15	1	66,5	60,64	59,27	-	45,0	-	46,0	58,0	12,0		
PD16H150	16	1	70,0	64,68	63,31	-	47,0	-	46,0	58,0	12,0		
PD17H150	17	1	75,0	68,72	67,35	-	49,0	-	46,0	58,0	12,0		
PD18H150	18	1	79,0	72,77	71,40	-	57,0	-	46,0	58,0	12,0		
PD19H150	19	1	82,5	76,81	75,44	-	60,0	-	46,0	58,0	12,0		
PD20H150	20	1	87,0	80,85	79,48	-	64,0	-	46,0	58,0	12,0		
PD21H150	21	1	91,0	84,89	83,52	-	64,0	-	46,0	58,0	12,0		
PD22H150	22	1	94,0	88,94	87,57	-	70,0	-	46,0	58,0	12,0		
PD23H150	23	1	97,0	92,98	91,61	-	72,0	-	46,0	58,0	12,0		
PD24H150	24	1	102,0	97,02	95,65	-	80,0	-	46,0	58,0	12,0		
PD25H150	25	1	106,0	101,06	99,69	-	80,0	-	46,0	58,0	12,0		
PD26H150	26	1	112,0	105,11	103,74	-	85,0	-	46,0	58,0	12,0		
PD27H150	27	1	115,0	109,15	107,78	-	88,0	-	46,0	58,0	12,0		
PD28H150	28	1	120,0	113,19	111,92	-	94,0	-	46,0	58,0	12,0		
PD29H150	29	1	120,0	117,23	115,86	-	96,0	-	46,0	58,0	12,0		
PD30H150	30	1	128,0	121,28	119,91	-	104,0	-	46,0	58,0	12,0		
PD32H150	32	1	135,0	129,36	127,99	-	112,0	-	46,0	58,0	12,0		
PD33H150	33	1	142,0	133,40	132,03	-	112,0	-	46,0	58,0	12,0		
PD34H150	34	1	142,0	137,45	136,08	-	116,0	-	46,0	58,0	12,0		
PD35H150	35	3	150,0	141,49	140,12	118,0	75,0	12,0	46,0	58,0	12,0		
PD36H150	36	3	150,0	145,53	144,16	118,0	75,0	12,0	46,0	58,0	12,0		
PD38H150	38	3	158,0	153,62	152,25	126,0	75,0	12,0	46,0	58,0	12,0		
PD40H150	40	3	168,0	161,70	160,33	134,0	75,0	12,0	46,0	70,0	24,0		
PD44H150	44	3	184,0	177,87	176,50	150,0	75,0	18,0	46,0	70,0	24,0		
PD45H150	45	3	192,0	181,91	180,54	154,0	75,0	18,0	46,0	70,0	24,0		
PD48H150	48	3	200,0	194,04	192,67	166,0	75,0	18,0	46,0	70,0	24,0		
PD49H150	49	3A	-	198,08	196,71	170,0	75,0	18,0	46,0	70,0	24,0	without flanges	cast iron
PD50H150	50	3A	-	202,13	200,76	174,0	75,0	18,0	46,0	70,0	24,0		
PD52H150	52	3A	-	210,21	208,84	182,0	75,0	18,0	46,0	70,0	24,0		
PD58H150	58	3A	-	234,47	233,10	207,0	80,0	-	46,0	70,0	24,0		
PD60H150	60	3A	-	242,55	241,18	215,0	80,0	18,0	46,0	70,0	24,0		
PD70H150	70	3A	-	282,98	281,61	255,0	80,0	24,0	46,0	70,0	24,0		
PD72H150	72	3A	-	291,06	289,69	263,0	80,0	24,0	46,0	70,0	24,0		
PD82H150	82	5B	-	331,49	330,12	304,0	80,0	24,0	46,0	70,0	24,0		
PD84H150	84	5B	-	339,57	338,20	312,0	90,0	24,0	46,0	70,0	24,0		
PD94H150	94	5B	-	380,00	378,63	352,0	90,0	24,0	46,0	70,0	24,0		
PD96H150	96	5B	-	388,08	386,71	360,0	100,0	24,0	46,0	70,0	24,0		
PD106H150	106	5B	-	428,51	427,14	401,0	100,0	24,0	46,0	70,0	24,0		
PD116H150	116	5B	-	468,93	467,56	441,0	100,0	24,0	46,0	70,0	24,0		
PD118H150	118	5B	-	477,02	475,65	449,0	100,0	24,0	46,0	70,0	24,0		
PD120H150	120	5B	-	485,10	483,73	458,0	100,0	24,0	46,0	70,0	24,0		
PD150H150	150	5B	-	606,38	605,01	579,0	100,0	24,0	46,0	70,0	24,0		
PD152H150	152	5B	-	614,46	613,09	587,0	100,0	24,0	46,0	70,0	24,0		
PD154H150	154	5B	-	622,55	621,17	595,0	100,0	24,0	46,0	70,0	24,0		
PD156H150	156	5B	-	630,63	629,26	603,0	120,0	24,0	46,0	70,0	24,0		



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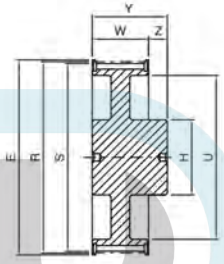

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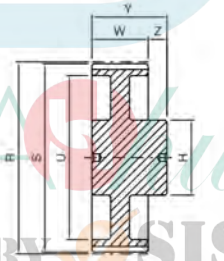

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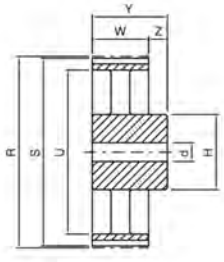


5B

* = A prebore, with a maximum diameter "d", might be present.

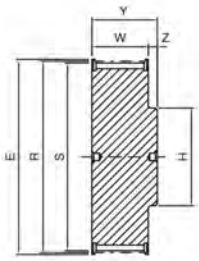
SITSZ.HU
FAKTA ELEKTRONIKA
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... H 200

H

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD14H200	14	1	64,0	56,60	55,23	-	40,0	-	59,5	72,0	12,5	with flanges	steel
PD15H200	15	1	66,5	60,64	59,27	-	45,0	-	59,5	72,0	12,5		
PD16H200	16	1	70,0	64,68	63,31	-	47,0	-	59,5	72,0	12,5		
PD17H200	17	1	75,0	68,72	67,35	-	49,0	-	59,5	72,0	12,5		
PD18H200	18	1	79,0	72,77	71,40	-	57,0	-	59,5	72,0	12,5		
PD19H200	19	1	82,5	76,81	75,44	-	60,0	-	59,5	72,0	12,5		
PD20H200	20	1	87,0	80,85	79,48	-	64,0	-	59,5	72,0	12,5		
PD21H200	21	1	91,0	84,89	83,52	-	64,0	-	59,5	72,0	12,5		
PD22H200	22	1	94,0	88,94	87,57	-	70,0	-	59,5	72,0	12,5		
PD23H200	23	1	97,0	92,98	91,61	-	72,0	-	59,5	72,0	12,5		
PD24H200	24	1	102,0	97,02	95,65	-	80,0	-	59,5	72,0	12,5		
PD25H200	25	1	106,0	101,06	99,69	-	80,0	-	59,5	72,0	12,5		
PD26H200	26	1	112,0	105,11	103,74	-	85,0	-	59,5	72,0	12,5		
PD27H200	27	1	115,0	109,15	107,78	-	88,0	-	59,5	72,0	12,5		
PD28H200	28	1	120,0	113,19	111,92	-	94,0	-	59,5	72,0	12,5		
PD29H200	29	1	120,0	117,23	115,86	-	96,0	-	59,5	72,0	12,5		
PD30H200	30	1	128,0	121,28	119,91	-	104,0	-	59,5	72,0	12,5		
PD32H200	32	1	135,0	129,36	127,99	-	112,0	-	59,5	72,0	12,5		
PD33H200	33	1	142,0	133,40	132,03	-	112,0	-	59,5	72,0	12,5		
PD34H200	34	1	142,0	137,45	136,08	-	116,0	-	59,5	72,0	12,5		
PD35H200	35	3	150,0	141,49	140,12	118,0	80,0	12,0	59,5	72,0	12,5		
PD36H200	36	3	150,0	145,53	144,16	118,0	80,0	12,0	59,5	72,0	12,5		
PD38H200	38	3	158,0	153,62	152,25	126,0	80,0	12,0	59,5	72,0	12,5		
PD40H200	40	3	168,0	161,70	160,33	134,0	80,0	12,0	59,5	72,0	12,5		
PD44H200	44	3	184,0	177,87	176,50	150,0	80,0	18,0	59,5	72,0	12,5		
PD45H200	45	3	192,0	181,91	180,54	154,0	80,0	18,0	59,5	72,0	12,5		
PD48H200	48	3	200,0	194,04	192,67	166,0	80,0	24,0	59,5	80,0	20,5		
PD49H200	49	3A	-	198,08	196,71	170,0	80,0	24,0	59,5	80,0	20,5	without flanges	cast iron
PD50H200	50	3A	-	202,13	200,76	174,0	80,0	24,0	59,5	80,0	20,5		
PD52H200	52	3A	-	210,21	208,84	182,0	80,0	24,0	59,5	80,0	20,5		
PD58H200	58	3A	-	234,47	233,10	207,0	90,0	-	59,5	80,0	20,5		
PD60H200	60	3A	-	242,55	241,18	215,0	90,0	24,0	59,5	80,0	20,5		
PD70H200	70	3A	-	282,98	281,61	255,0	90,0	28,0	59,5	80,0	20,5		
PD72H200	72	3A	-	291,06	289,69	263,0	90,0	28,0	59,5	80,0	20,5		
PD82H200	82	5B	-	331,49	330,12	304,0	90,0	28,0	59,5	80,0	20,5		
PD84H200	84	5B	-	339,57	338,20	312,0	100,0	28,0	59,5	80,0	20,5		
PD94H200	94	5B	-	380,00	378,63	352,0	100,0	28,0	59,5	80,0	20,5		
PD96H200	96	5B	-	388,08	386,71	360,0	100,0	28,0	59,5	80,0	20,5		
PD106H200	106	5B	-	428,51	427,14	401,0	100,0	28,0	59,5	80,0	20,5		
PD116H200	116	5B	-	468,93	467,56	441,0	100,0	28,0	59,5	80,0	20,5		
PD118H200	118	5B	-	477,02	475,65	449,0	100,0	28,0	59,5	80,0	20,5		
PD120H200	120	5B	-	485,10	483,73	458,0	120,0	28,0	59,5	80,0	20,5		
PD150H200	150	5B	-	606,38	605,01	579,0	120,0	28,0	59,5	80,0	20,5		
PD152H200	152	5B	-	614,46	613,09	587,0	120,0	28,0	59,5	80,0	20,5		
PD154H200	154	5B	-	622,55	621,17	595,0	120,0	28,0	59,5	80,0	20,5		
PD156H200	156	5B	-	630,63	629,26	603,0	130,0	28,0	59,5	80,0	20,5		



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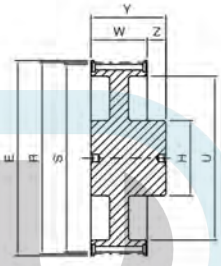

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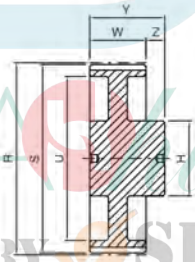

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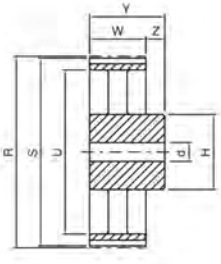


5B

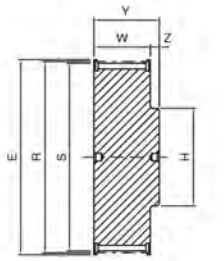
* = A prebore, with a maximum diameter "d", might be present.

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... H 300

H

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD14H300	14	1	64,0	56,60	55,23	-	40,0	-	85,7	98,0	12,3	with flanges	steel
PD15H300	15	1	66,0	60,64	59,27	-	45,0	-	85,7	98,0	12,3		
PD16H300	16	1	70,0	64,68	63,31	-	47,0	-	85,7	98,0	12,3		
PD17H300	17	1	75,0	68,72	67,35	-	49,0	-	85,7	98,0	12,3		
PD18H300	18	1	79,0	72,77	71,40	-	57,0	-	85,7	98,0	12,3		
PD19H300	19	1	83,0	76,81	75,44	-	60,0	-	85,7	98,0	12,3		
PD20H300	20	1	87,0	80,85	79,48	-	64,0	-	85,7	98,0	12,3		
PD21H300	21	1	91,0	84,89	83,52	-	64,0	-	85,7	98,0	12,3		
PD22H300	22	1	93,0	88,94	87,57	-	70,0	-	85,7	98,0	12,3		
PD23H300	23	1	97,0	92,98	91,61	-	72,0	-	85,7	98,0	12,3		
PD24H300	24	1	102,0	97,02	95,65	-	80,0	-	85,7	98,0	12,3		
PD25H300	25	1	106,0	101,06	99,69	-	80,0	-	85,7	98,0	12,3		
PD26H300	26	1	112,0	105,11	103,74	-	85,0	-	85,7	98,0	12,3		
PD27H300	27	1	115,0	109,15	107,78	-	88,0	-	85,7	98,0	12,3		
PD28H300	28	1	120,0	113,19	111,92	-	94,0	-	85,7	98,0	12,3		
PD29H300	29	1	120,0	117,23	115,86	-	96,0	-	85,7	98,0	12,3		
PD30H300	30	1	128,0	121,28	119,91	-	104,0	-	85,7	98,0	12,3		
PD32H300	32	1	135,0	129,36	127,99	-	112,0	-	85,7	98,0	12,3		
PD33H300	33	1	142,0	133,40	132,03	-	112,0	-	85,7	98,0	12,3		
PD34H300	34	1	142,0	137,45	136,08	-	116,0	-	85,7	98,0	12,3		
PD35H300	35	3	150,0	141,49	140,12	118,0	75,0	18,0	85,7	98,0	12,3		
PD36H300	36	3	150,0	145,53	144,16	118,0	80,0	18,0	85,7	98,0	12,3		
PD38H300	38	3	158,0	153,62	152,25	126,0	80,0	18,0	85,7	98,0	12,3		
PD44H300	44	3	184,0	177,87	176,50	150,0	80,0	24,0	85,7	98,0	12,3		
PD45H300	45	3	192,0	181,91	180,54	154,0	80,0	24,0	85,7	98,0	12,3	without flanges	cast iron
PD48H300	48	3	200,0	194,04	192,67	166,0	90,0	24,0	85,7	98,0	12,3		
PD49H300	49	3A	-	198,08	196,71	170,0	90,0	24,0	85,7	98,0	12,3		
PD50H300	50	3A	-	202,13	200,76	174,0	90,0	24,0	85,7	98,0	12,3		
PD52H300	52	3A	-	210,21	208,84	182,0	90,0	24,0	85,7	98,0	12,3		
PD58H300	58	3A	-	234,47	233,10	207,0	100,0	-	85,7	98,0	12,3		
PD60H300	60	3A	-	242,55	241,18	215,0	100,0	24,0	85,7	98,0	12,3		
PD70H300	70	3A	-	282,98	281,61	255,0	100,0	28,0	85,7	98,0	12,3		
PD72H300	72	3A	-	291,06	289,69	263,0	100,0	28,0	85,7	98,0	12,3		
PD82H300	82	5B	-	331,49	330,12	304,0	100,0	28,0	85,7	98,0	12,3		
PD84H300	84	5B	-	339,57	338,20	312,0	100,0	28,0	85,7	98,0	12,3		
PD94H300	94	5B	-	380,00	378,63	352,0	100,0	28,0	85,7	98,0	12,3		
PD96H300	96	5B	-	388,08	386,71	360,0	110,0	28,0	85,7	98,0	12,3		
PD106H300	106	5B	-	428,51	427,14	401,0	110,0	28,0	85,7	98,0	12,3		
PD116H300	116	5B	-	468,93	467,56	441,0	110,0	28,0	85,7	98,0	12,3		
PD118H300	118	5B	-	477,02	475,65	449,0	110,0	28,0	85,7	98,0	12,3		
PD120H300	120	5B	-	485,10	483,73	458,0	120,0	28,0	85,7	98,0	12,3		
PD150H300	150	5B	-	606,38	605,01	579,0	120,0	28,0	85,7	98,0	12,3		
PD152H300	152	5B	-	614,46	613,09	587,0	120,0	28,0	85,7	98,0	12,3		
PD154H300	154	5B	-	622,55	621,17	595,0	120,0	28,0	85,7	98,0	12,3		
PD156H300	156	5B	-	630,63	629,26	603,0	130,0	28,0	85,7	98,0	12,3		



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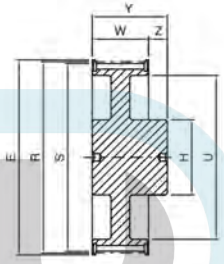

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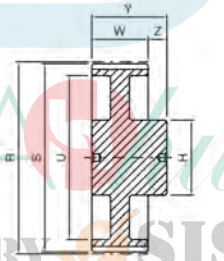

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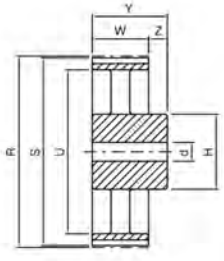


5B

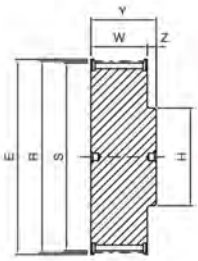
* = A prebore, with a maximum diameter "d", might be present.

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... XH 200

XH

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD18XH200	18	1	134,0	127,34	124,55	-	100,0	-	65,0	80,0	15,0	with flanges	cast iron
PD19XH200	19	1	142,0	134,41	131,62	-	107,0	-	65,0	80,0	15,0		
PD20XH200	20	1	150,0	141,49	138,70	-	114,0	-	65,0	80,0	15,0		
PD21XH200	21	1	158,0	148,56	145,77	-	122,0	-	65,0	80,0	15,0		
PD22XH200	22	1	166,0	155,64	152,85	-	128,0	-	65,0	80,0	15,0		
PD24XH200	24	1	177,0	169,79	167,00	-	141,0	-	65,0	80,0	15,0		
PD25XH200	25	3	186,0	176,86	174,07	-	90,0	-	65,0	80,0	15,0		
PD26XH200	26	3	191,0	183,94	181,15	-	90,0	-	65,0	80,0	15,0		
PD27XH200	27	1	200,0	191,01	188,22	-	158,0	-	65,0	80,0	15,0		
PD28XH200	28	1	209,0	198,08	195,29	-	169,0	-	65,0	80,0	15,0		
PD30XH200	30	3	216,0	212,23	209,44	170,0	110,0	-	65,0	80,0	15,0		
PD32XH200	32	3	232,0	226,38	223,59	184,0	110,0	-	65,0	80,0	15,0		
PD34XH200	34	3	261,0	240,53	237,74	198,0	110,0	-	65,0	80,0	15,0		
PD38XH200	38	3	274,0	268,83	266,03	227,0	110,0	-	65,0	80,0	15,0		
PD40XH200	40	3	288,0	282,98	280,19	241,0	120,0	-	65,0	100,0	35,0		
PD46XH200	46	5	-	325,42	322,63	283,0	120,0	19,0	65,0	100,0	35,0	without flanges	
PD48XH200	48	5A	-	339,57	336,78	297,0	120,0	19,0	65,0	100,0	35,0		
PD58XH200	58	5A	-	410,32	407,52	368,0	120,0	19,0	65,0	100,0	35,0		
PD60XH200	60	5A	-	424,47	421,68	382,0	130,0	19,0	65,0	100,0	35,0		
PD70XH200	70	5B	-	495,21	492,42	453,0	130,0	19,0	65,0	100,0	35,0		
PD72XH200	72	5B	-	509,36	506,57	467,0	140,0	19,0	65,0	100,0	35,0		
PD78XH200	78	5B	-	551,80	549,01	510,0	140,0	19,0	65,0	100,0	35,0		
PD80XH200	80	5B	-	565,95	563,16	524,0	140,0	19,0	65,0	100,0	35,0		
PD82XH200	82	5B	-	580,10	577,31	538,0	140,0	19,0	65,0	100,0	35,0		
PD84XH200	84	5B	-	594,25	591,46	552,0	150,0	19,0	65,0	100,0	35,0		
PD94XH200	94	5B	-	664,99	662,20	623,0	150,0	19,0	65,0	100,0	35,0		
PD96XH200	96	5B	-	679,14	676,35	637,0	160,0	19,0	65,0	100,0	35,0		
PD118XH200	118	5B	-	834,78	831,99	792,0	160,0	19,0	65,0	100,0	35,0		
PD120XH200	120	5B	-	848,93	846,14	806,0	170,0	19,0	65,0	100,0	35,0		



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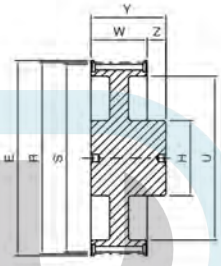

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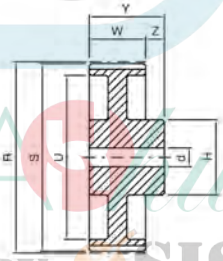

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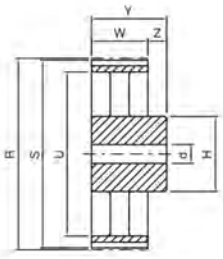


5B

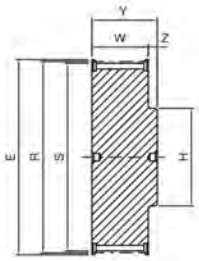
SKF.HU
POWERED BY VISIS

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... XH 300

XH

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD18XH300	18	1	134,0	127,34	124,55	-	100,0	-	92,0	107,0	15,0	with flanges	cast iron
PD19XH300	19	1	142,0	134,41	131,62	-	107,0	-	92,0	107,0	15,0		
PD20XH300	20	1	150,0	141,49	138,70	-	114,0	-	92,0	107,0	15,0		
PD21XH300	21	1	158,0	148,56	145,77	-	122,0	-	92,0	107,0	15,0		
PD22XH300	22	1	166,0	155,64	152,85	-	128,0	-	92,0	107,0	15,0		
PD24XH300	24	1	177,0	169,79	167,00	-	141,0	-	92,0	107,0	15,0		
PD25XH300	25	1	186,0	176,86	174,07	-	148,0	-	92,0	107,0	15,0		
PD26XH300	26	1	191,0	183,94	181,15	-	157,0	-	92,0	107,0	15,0		
PD27XH300	27	1	200,0	191,01	188,22	-	158,0	-	92,0	107,0	15,0		
PD28XH300	28	1	209,0	198,08	195,29	-	169,0	-	92,0	107,0	15,0		
PD30XH300	30	3	216,0	212,23	209,44	170,0	110,0	-	92,0	107,0	15,0		
PD32XH300	32	3	232,0	226,38	223,59	184,0	110,0	-	92,0	107,0	15,0		
PD34XH300	34	3	261,0	240,53	237,74	198,0	110,0	-	92,0	107,0	15,0		
PD38XH300	38	3	274,0	268,83	266,03	227,0	110,0	-	92,0	107,0	15,0		
PD40XH300	40	3	288,0	282,98	280,19	241,0	120,0	-	92,0	100,0	8,0		
PD46XH300	46	5A	-	325,42	322,63	283,0	120,0	19,0	92,0	100,0	8,0	without flanges	
PD48XH300	48	5A	-	339,57	336,78	297,0	120,0	19,0	92,0	100,0	8,0		
PD58XH300	58	5A	-	410,32	407,52	368,0	120,0	19,0	92,0	100,0	8,0		
PD60XH300	60	5A	-	424,47	421,68	382,0	120,0	19,0	92,0	100,0	8,0		
PD70XH300	70	5B	-	495,21	492,42	453,0	130,0	19,0	92,0	100,0	8,0		
PD72XH300	72	5B	-	509,36	506,57	467,0	140,0	19,0	92,0	120,0	28,0		
PD78XH300	78	5B	-	551,80	549,01	510,0	140,0	19,0	92,0	120,0	28,0		
PD80XH300	80	5B	-	565,95	563,16	524,0	140,0	19,0	92,0	120,0	28,0		
PD82XH300	82	5B	-	580,10	577,31	538,0	140,0	19,0	92,0	120,0	28,0		
PD84XH300	84	5B	-	594,25	591,46	552,0	160,0	19,0	92,0	120,0	28,0		
PD94XH300	94	5B	-	664,99	662,20	623,0	160,0	19,0	92,0	120,0	28,0		
PD96XH300	96	5B	-	679,14	676,35	637,0	160,0	19,0	92,0	120,0	28,0		
PD118XH300	118	5B	-	834,78	831,99	792,0	160,0	19,0	92,0	120,0	28,0		
PD120XH300	120	5B	-	848,93	846,14	806,0	170,0	19,0	92,0	120,0	28,0		



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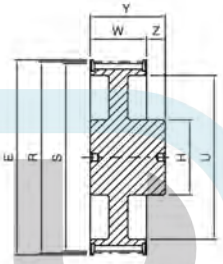

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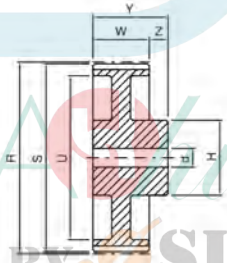

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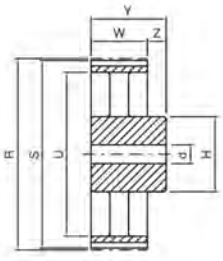


5B

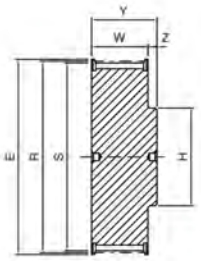
SERVOMOTORI.HR
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - solid hub

PD ... XH400

XH

Code	Teeth nr.	Type	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	d [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PD18XH400	18	1	134,0	127,34	124,55	-	100,0	-	119,0	135,0	16,0	with flanges	cast iron
PD19XH400	19	1	142,0	134,41	131,62	-	107,0	-	119,0	135,0	16,0		
PD20XH400	20	1	150,0	141,49	138,70	-	114,0	-	119,0	135,0	16,0		
PD21XH400	21	1	158,0	148,56	145,77	-	122,0	-	119,0	135,0	16,0		
PD22XH400	22	1	166,0	155,64	152,85	-	128,0	-	119,0	135,0	16,0		
PD24XH400	24	1	177,0	169,79	167,00	-	141,0	-	119,0	135,0	16,0		
PD25XH400	25	1	186,0	176,86	174,07	-	148,0	-	119,0	135,0	16,0		
PD26XH400	26	1	191,0	183,94	181,15	-	157,0	-	119,0	135,0	16,0		
PD27XH400	27	1	200,0	191,01	188,22	-	158,0	-	119,0	135,0	16,0		
PD28XH400	28	1	209,0	198,08	195,29	-	169,0	-	119,0	135,0	16,0		
PD30XH400	30	3	216,0	212,23	209,44	170,0	120,0	-	119,0	135,0	16,0		
PD32XH400	32	3	232,0	226,38	223,59	184,0	120,0	-	119,0	135,0	16,0		
PD34XH400	34	3	261,0	240,53	237,74	198,0	120,0	-	119,0	135,0	16,0		
PD38XH400	38	3	274,0	268,83	266,03	227,0	120,0	-	119,0	135,0	16,0		
PD40XH400	40	3	288,0	282,98	280,19	241,0	120,0	-	119,0	135,0	16,0		
PD46XH400	46	3A	-	325,42	322,63	283,0	140,0	-	119,0	135,0	16,0	without flanges	
PD48XH400	48	5A	-	339,57	336,78	297,0	140,0	19,0	119,0	135,0	16,0		
PD58XH400	58	5A	-	410,32	407,52	368,0	140,0	19,0	119,0	135,0	16,0		
PD60XH400	60	5A	-	424,47	421,68	382,0	140,0	19,0	119,0	135,0	16,0		
PD70XH400	70	5B	-	495,21	492,42	453,0	140,0	19,0	119,0	135,0	16,0		
PD72XH400	72	5B	-	509,36	506,57	467,0	140,0	19,0	119,0	135,0	16,0		
PD78XH400	78	5B	-	551,80	549,01	510,0	140,0	19,0	119,0	135,0	16,0		
PD80XH400	80	5B	-	565,95	563,16	524,0	140,0	19,0	119,0	135,0	16,0		
PD82XH400	82	5B	-	580,10	577,31	538,0	140,0	19,0	119,0	135,0	16,0		
PD84XH400	84	5B	-	594,25	591,46	552,0	160,0	19,0	119,0	135,0	16,0		
PD94XH400	94	5B	-	664,99	662,20	623,0	160,0	19,0	119,0	135,0	16,0		
PD96XH400	96	5B	-	679,14	676,35	637,0	160,0	19,0	119,0	135,0	16,0		
PD118XH400	118	5B	-	834,78	831,99	792,0	160,0	19,0	119,0	135,0	16,0		
PD120XH400	120	5B	-	848,93	846,14	806,0	170,0	19,0	119,0	135,0	16,0		



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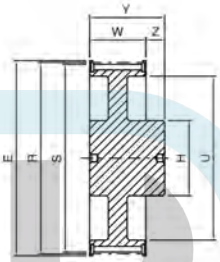

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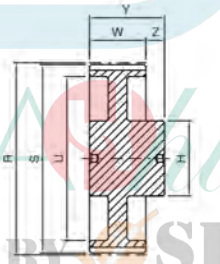

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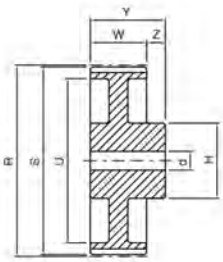

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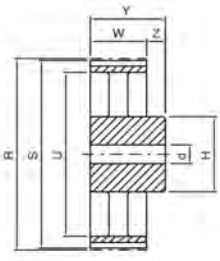


5B

POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

Pitches L - H - XH

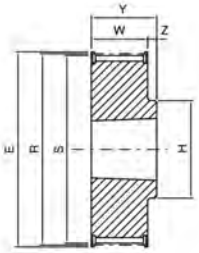
Part Number PBD 40 L 050

- PBD — IMPERIAL PITCH timing pulley - mounting taper bushing
- 40 — Number of teeth
- L — Pitch
- 050 — Belt width in inches x 100

PBD ... L050

L

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD18L050	18	2	1108	60,0	54,57	53,81	-	47,0	19,0	22,0	3,0	with flanges	steel
PBD19L050	19	2	1108	64,0	57,61	56,84	-	47,0	19,0	22,0	3,0		
PBD20L050	20	2	1108	66,5	60,64	59,88	-	48,0	19,0	22,0	3,0		
PBD21L050	21	2	1108	70,0	63,67	62,91	-	48,0	19,0	22,0	3,0		
PBD22L050	22	2	1108	75,0	68,70	65,94	-	51,0	19,0	22,0	3,0		
PBD23L050	23	2	1108	79,0	69,73	68,97	-	51,0	19,0	22,0	3,0		
PBD24L050	24	2	1108	79,0	72,77	72,01	-	58,0	19,0	22,0	3,0		
PBD25L050	25	2	1108	82,5	75,80	75,04	-	58,0	19,0	22,0	3,0		
PBD26L050	26	2	1108	86,0	78,83	78,07	-	58,0	19,0	22,0	3,0		
PBD27L050	27	2	1108	86,0	81,86	81,10	-	58,0	19,0	22,0	3,0		
PBD28L050	28	2	1108	91,0	84,89	84,13	-	58,0	19,0	22,0	3,0		
PBD29L050	29	2	1108	94,0	87,93	87,16	-	58,0	19,0	22,0	3,0		
PBD30L050	30	2	1108	97,0	90,96	90,20	-	58,0	19,0	22,0	3,0		
PBD32L050	32	2	1108	102,0	97,02	96,26	-	58,0	19,0	22,0	3,0		
PBD36L050	36	9	1108	115,0	109,15	108,39	84,0	58,0	19,0	22,0	3,0		
PBD40L050	40	2	1610	128,0	121,28	120,52	-	90,0	19,0	25,0	6,0		
PBD44L050	44	9	1610	142,0	133,40	132,64	110,0	90,0	19,0	25,0	6,0		
PBD45L050	45	9	1610	142,0	136,44	135,67	118,0	90,0	19,0	25,0	6,0		
PBD47L050	47	9	1610	150,0	142,50	141,74	126,0	90,0	19,0	25,0	6,0		
PBD48L050	48	9	1610	150,0	145,53	144,77	126,0	90,0	19,0	25,0	6,0		
PBD50L050	50	9A	1610	-	151,60	150,83	132,0	90,0	19,0	25,0	6,0	without flanges	cast iron
PBD56L050	56	9A	1610	-	169,79	169,02	152,0	90,0	19,0	25,0	6,0		
PBD60L050	60	11A	1610	-	181,91	181,15	162,0	90,0	19,0	25,0	3,0		
PBD66L050	66	11B	1610	-	200,11	199,34	178,0	90,0	19,0	25,0	3,0		
PBD72L050	72	11B	1610	-	218,30	217,54	199,0	90,0	19,0	25,0	3,0		
PBD84L050	84	11B	1610	-	254,68	253,92	235,0	90,0	19,0	25,0	3,0		
PBD96L050	96	11B	2012	-	291,06	290,30	270,0	110,0	19,0	32,0	6,5		
PBD120L050	120	11B	2012	-	363,07	344,00	344,0	110,0	19,0	32,0	6,5		



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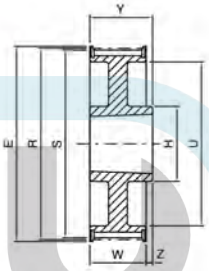

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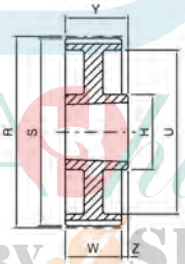

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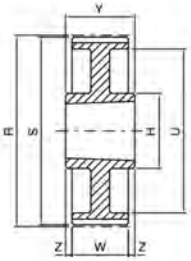

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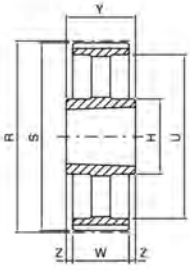


11B

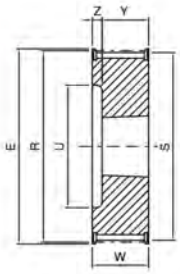
EKSZE.HU
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... L075

L

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD18L075	18	4	1108	60,0	54,57	53,81	38,0	-	25,0	22,0	3,0	with flanges	steel
PBD19L075	19	4	1108	64,0	57,61	56,84	38,0	-	25,0	22,0	3,0		
PBD20L075	20	4	1108	66,5	60,64	59,88	46,0	-	25,0	22,0	3,0		
PBD21L075	21	4	1108	70,0	63,67	62,91	46,0	-	25,0	22,0	3,0		
PBD22L075	22	4	1108	75,0	68,70	65,94	46,0	-	25,0	22,0	3,0		
PBD23L075	23	4	1108	79,0	69,73	68,97	46,0	-	25,0	22,0	3,0		
PBD24L075	24	4	1108	79,0	72,77	72,01	53,0	-	25,0	22,0	3,0		
PBD25L075	25	4	1108	82,5	75,80	75,04	53,0	-	25,0	22,0	3,0		
PBD26L075	26	4	1108	86,0	78,83	78,07	60,0	-	25,0	22,0	3,0		
PBD27L075	27	4	1108	86,0	81,86	81,10	60,0	-	25,0	22,0	3,0		
PBD28L075	28	4	1108	91,0	84,89	84,13	65,0	-	25,0	22,0	3,0		
PBD30L075	30	4	1108	97,0	90,96	90,20	68,0	-	25,0	22,0	3,0		
PBD32L075	32	4	1108	102,0	97,02	96,26	76,0	-	25,0	22,0	3,0		
PBD34L075	34	4	1108	112,0	103,08	102,32	85,0	-	25,0	22,0	3,0		
PBD36L075	36	6	1610	115,0	109,15	108,39	-	-	25,0	25,0	-		
PBD40L075	40	6	1610	128,0	121,28	120,52	-	-	25,0	25,0	-		
PBD44L075	44	7	1610	142,0	133,40	132,64	110,0	90,0	25,0	25,0	-		
PBD47L075	47	7	1610	150,0	142,50	141,74	126,0	90,0	25,0	25,0	-		
PBD48L075	48	7	1610	150,0	145,53	144,77	126,0	90,0	25,0	25,0	-		
PBD52L075	52	7A	1610	-	157,66	156,90	138,0	90,0	25,0	25,0	-	without flanges	cast iron
PBD57L075	57	7A	1610	-	172,82	172,06	152,0	90,0	25,0	25,0	-		
PBD60L075	60	7A	1610	-	181,91	181,15	162,0	90,0	25,0	25,0	-		
PBD66L075	66	7A	1610	-	200,11	199,34	178,0	90,0	25,0	25,0	-		
PBD72L075	72	7B	1610	-	218,30	217,54	199,0	90,0	25,0	25,0	-		
PBD84L075	84	11B	2012	-	254,68	253,92	235,0	110,0	25,0	32,0	3,5		
PBD96L075	96	11B	2012	-	291,06	290,30	270,0	110,0	25,0	32,0	3,5		
PBD120L075	120	11B	2012	-	363,83	363,07	344,0	110,0	25,0	32,0	3,5		



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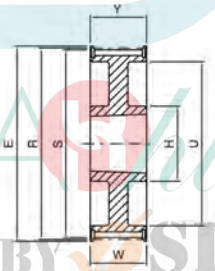

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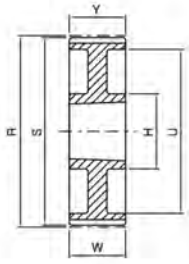

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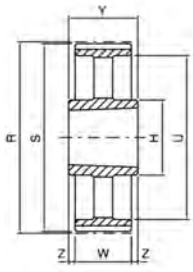

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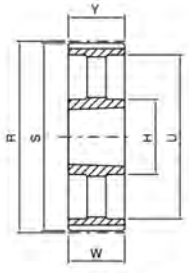


7B

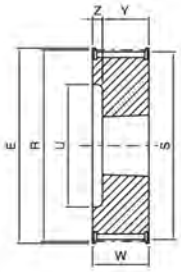
STKZ.HU
HAJTÁSTECHNIKA
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... L100

L

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD18L100	18	4	1108	60,0	54,57	53,81	38,0	-	32,0	22,0	10,0	with flanges	steel
PBD19L100	19	4	1108	64,0	57,61	56,84	38,0	-	32,0	22,0	10,0		
PBD20L100	20	4	1108	66,5	60,64	59,88	46,0	-	32,0	22,0	10,0		
PBD21L100	21	4	1108	70,0	63,67	62,91	46,0	-	32,0	22,0	10,0		
PBD22L100	22	4	1108	75,0	68,70	65,94	46,0	-	32,0	22,0	10,0		
PBD23L100	23	4	1108	79,0	69,73	68,97	46,0	-	32,0	22,0	10,0		
PBD24L100	24	4	1108	79,0	72,77	72,01	53,0	-	32,0	22,0	10,0		
PBD25L100	25	4	1108	82,5	75,80	75,04	53,0	-	32,0	22,0	10,0		
PBD26L100	26	4	1108	86,0	78,83	78,07	60,0	-	32,0	22,0	10,0		
PBD27L100	27	4	1108	86,0	81,86	81,10	60,0	-	32,0	22,0	10,0		
PBD28L100	28	4	1108	91,0	84,89	84,13	65,0	-	32,0	22,0	10,0		
PBD30L100	30	4	1210	97,0	90,96	90,20	68,0	-	32,0	25,0	7,0		
PBD32L100	32	4	1210	102,0	97,02	96,26	76,0	-	32,0	25,0	7,0		
PBD36L100	36	4	1610	115,0	109,15	108,39	85,0	-	32,0	25,0	7,0		
PBD40L100	40	4	1610	128,0	121,28	120,52	100,0	-	32,0	25,0	7,0		
PBD41L100	41	4	1610	128,0	124,31	123,55	100,0	-	32,0	25,0	7,0		
PBD42L100	42	10	1610	142,0	127,34	126,58	110,0	90,0	32,0	25,0	7,0		
PBD44L100	44	10	1610	142,0	133,40	132,64	110,0	90,0	32,0	25,0	7,0		
PBD48L100	48	10	1610	150,0	145,53	144,77	126,0	90,0	32,0	25,0	7,0		
PBD60L100	60	8A	1610	-	181,91	181,15	162,0	90,0	32,0	25,0	3,5		
PBD72L100	72	7A	2012	-	218,30	217,54	199,0	110,0	32,0	32,0	-	without flanges	cast iron
PBD84L100	84	7B	2012	-	254,68	253,92	235,0	110,0	32,0	32,0	-		
PBD96L100	96	7B	2012	-	291,06	290,30	270,0	110,0	32,0	32,0	-		
PBD120L100	120	7B	2012	-	363,83	363,07	344,0	110,0	32,0	32,0	-		



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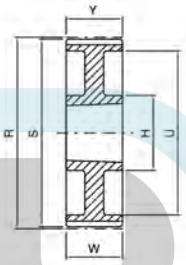

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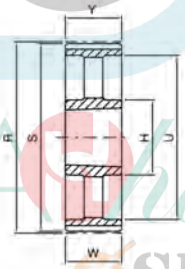

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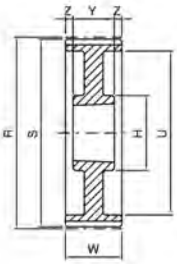

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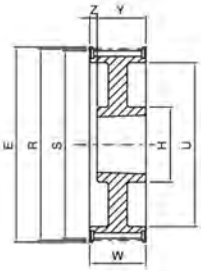


10

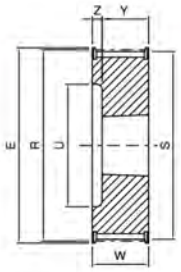
SITKER.HU
HAJTÁSTECHNIKA
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... H100

H

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD14H100	14	4	1108	64,0	56,60	55,23	37,0	-	31,0	22,0	9,0	with flanges	steel
PBD15H100	15	4	1108	66,5	60,64	59,27	37,0	-	31,0	22,0	9,0		
PBD16H100	16	4	1108	70,0	64,68	63,31	46,0	-	31,0	22,0	9,0		
PBD17H100	17	4	1210	75,0	68,72	67,35	46,0	-	31,0	25,0	6,0		
PBD18H100	18	4	1210	79,0	72,77	71,40	56,0	-	31,0	25,0	6,0		
PBD19H100	19	4	1210	82,5	76,81	75,44	56,0	-	31,0	25,0	6,0		
PBD20H100	20	4	1210	87,0	80,85	79,48	56,0	-	31,0	25,0	6,0		
PBD21H100	21	4	1210	91,0	84,89	83,52	62,0	-	32,0	25,0	7,0		
PBD22H100	22	4	1210	94,0	88,94	87,57	62,0	-	32,0	25,0	7,0		
PBD23H100	23	4	1610	97,0	92,98	91,61	71,0	-	32,0	25,0	7,0		
PBD24H100	24	4	1610	102,0	97,02	95,65	71,0	-	32,0	25,0	7,0		
PBD25H100	25	4	1610	106,0	101,06	99,69	78,0	-	32,0	25,0	7,0		
PBD26H100	26	4	1610	112,0	105,11	103,74	78,0	-	32,0	25,0	7,0		
PBD27H100	27	4	1610	115,0	109,15	107,78	86,0	-	32,0	25,0	7,0		
PBD28H100	28	4	1610	120,0	113,19	111,92	86,0	-	32,0	25,0	7,0		
PBD30H100	30	4	1610	128,0	121,28	119,91	95,0	-	32,0	25,0	7,0		
PBD32H100	32	10	1610	135,0	129,36	127,99	110,0	82,0	32,0	25,0	7,0		
PBD33H100	33	10	1615	137,0	133,40	132,03	112,0	82,0	32,0	25,0	-		
PBD34H100	34	10	1610	142,0	137,45	136,08	112,0	82,0	32,0	25,0	7,0		
PBD35H100	35	10	1610	150,0	141,49	140,12	120,0	82,0	32,0	25,0	7,0		
PBD36H100	36	10	1610	150,0	145,53	144,16	120,0	82,0	32,0	25,0	7,0		
PBD38H100	38	10	1610	158,0	153,62	152,25	136,0	82,0	32,0	25,0	7,0		
PBD40H100	40	10	1610	168,0	161,70	160,33	136,0	90,0	32,0	25,0	7,0		
PBD44H100	44	7	2012	184,0	177,87	176,50	162,0	110,0	32,0	32,0	-		
PBD45H100	45	7	2012	192,0	181,91	180,54	162,0	110,0	32,0	32,0	-		
PBD48H100	48	7	2012	200,0	194,04	192,67	168,0	110,0	32,0	32,0	-		
PBD50H100	50	8A	2012	-	202,13	200,76	172,0	110,0	34,0	32,0	1,0	without flanges	cast iron
PBD52H100	52	8A	2012	-	210,21	208,84	185,0	110,0	34,0	32,0	1,0		
PBD60H100	60	8A	2012	-	242,55	241,18	217,0	110,0	34,0	32,0	1,0		
PBD70H100	70	8B	2012	-	282,98	281,61	264,0	110,0	34,0	32,0	1,0		
PBD72H100	72	8B	2012	-	291,06	289,69	264,0	110,0	34,0	32,0	1,0		
PBD84H100	84	8B	2012	-	339,57	338,20	312,0	120,0	34,0	32,0	1,0		
PBD96H100	96	11B	2517	-	388,08	386,71	357,0	120,0	34,0	45,0	5,5		
PBD106H100	106	11B	2517	-	428,51	427,14	402,0	120,0	34,0	45,0	5,5		
PBD120H100	120	11B	2517	-	485,10	483,73	457,0	120,0	34,0	45,0	5,5		



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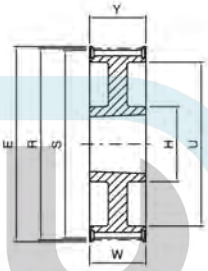

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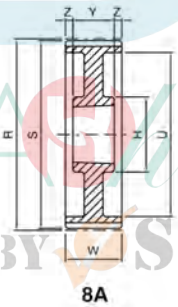

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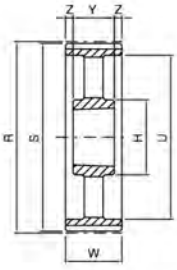

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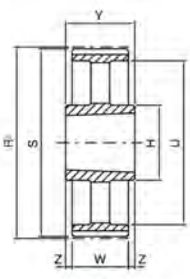

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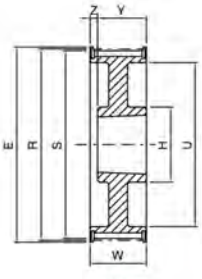


10

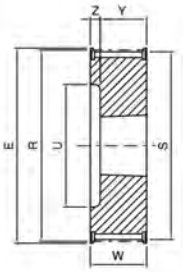
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... H150

H

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD14H150	14	4	1108	64,0	56,60	55,23	37,0	-	45,0	22,0	23,0	with flanges	steel
PBD16H150	16	4	1108	70,0	64,68	63,31	46,0	-	45,0	22,0	23,0		
PBD18H150	18	4	1210	79,0	72,77	71,40	56,0	-	45,0	25,0	20,0		
PBD19H150	19	4	1210	82,5	76,81	75,44	56,0	-	45,0	25,0	20,0		
PBD20H150	20	4	1210	87,0	80,85	79,48	56,0	-	45,0	25,0	20,0		
PBD21H150	21	4	1210	91,0	84,89	83,52	67,0	-	45,0	25,0	20,0		
PBD22H150	22	4	1210	94,0	88,94	87,57	67,0	-	45,0	25,0	20,0		
PBD23H150	23	4	1610	97,0	92,98	91,61	71,0	-	45,0	25,0	20,0		
PBD24H150	24	4	1610	102,0	97,02	95,65	71,0	-	45,0	25,0	20,0		
PBD25H150	25	4	1610	106,0	101,06	99,69	78,0	-	45,0	25,0	20,0		
PBD26H150	26	4	1610	112,0	105,11	103,74	78,0	-	45,0	25,0	20,0		
PBD27H150	27	4	1610	115,0	109,15	107,78	86,0	-	45,0	25,0	20,0		
PBD28H150	28	4	1610	120,0	113,19	111,92	86,0	-	45,0	25,0	20,0		
PBD30H150	30	4	1610	128,0	121,28	119,91	95,0	-	45,0	25,0	20,0		
PBD32H150	32	10	1610	135,0	129,36	127,99	110,0	82,0	45,0	25,0	20,0		
PBD35H150	35	10	1610	150,0	141,49	140,12	120,0	82,0	45,0	25,0	20,0		
PBD36H150	36	10	1610	150,0	145,53	144,16	120,0	82,0	45,0	25,0	20,0		
PBD40H150	40	10	1610	168,0	161,70	160,33	136,0	90,0	45,0	25,0	20,0		
PBD44H150	44	10	2012	184,0	177,87	176,50	152,0	110,0	45,0	32,0	13,0		
PBD45H150	45	10	2012	192,0	181,91	180,54	162,0	110,0	45,0	32,0	13,0		
PBD48H150	48	10	2012	200,0	194,04	192,67	168,0	110,0	45,0	32,0	13,0		
PBD60H150	60	8B	2012	-	242,55	241,18	217,0	110,0	46,0	32,0	7,0	without flanges	cast iron
PBD70H150	70	8B	2012	-	282,98	281,61	264,0	110,0	46,0	32,0	7,0		
PBD72H150	72	8B	2012	-	291,06	289,69	264,0	110,0	46,0	32,0	7,0		
PBD82H150	82	8B	2012	-	331,49	330,12	312,0	110,0	46,0	32,0	7,0		
PBD84H150	84	8B	2012	-	339,57	338,20	312,0	110,0	46,0	32,0	7,0		
PBD94H150	94	8B	2517	-	380,00	378,63	357,0	120,0	46,0	45,0	0,5		
PBD96H150	96	8B	2517	-	388,08	386,71	357,0	120,0	46,0	45,0	0,5		
PBD106H150	106	8B	2517	-	428,51	427,14	402,0	120,0	46,0	45,0	0,5		
PBD120H150	120	8B	2517	-	485,10	483,73	457,0	120,0	46,0	45,0	0,5		



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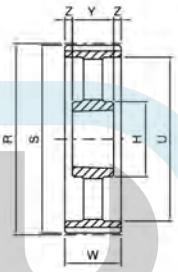

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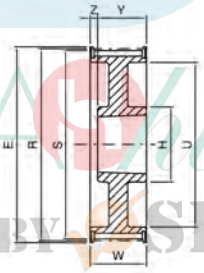


10

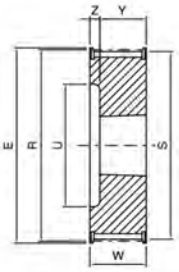
SIKSZIJ.HU
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... H200

H

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD16H200	16	4	1108	70,0	64,68	63,31	46,0	-	58,0	22,0	36,0	with flanges	steel
PBD18H200	18	4	1210	79,0	72,77	71,40	52,0	-	58,0	25,0	33,0		
PBD19H200	19	4	1610	82,5	76,81	75,44	56,0	-	58,0	25,0	33,0		
PBD20H200	20	4	1610	87,0	80,85	79,48	56,0	-	58,0	25,0	33,0		
PBD21H200	21	4	1610	91,0	84,89	83,52	67,0	-	58,0	25,0	33,0		
PBD22H200	22	4	1610	94,0	88,94	87,57	67,0	-	58,0	25,0	33,0		
PBD23H200	23	4	1610	97,0	92,98	91,61	71,0	-	58,0	25,0	33,0		
PBD24H200	24	4	1610	102,0	97,02	95,65	71,0	-	58,0	25,0	33,0		
PBD25H200	25	4	1610	106,0	101,06	99,69	78,0	-	58,0	25,0	33,0		
PBD26H200	26	4	1610	112,0	105,11	103,74	78,0	-	58,0	25,0	33,0		
PBD27H200	27	4	1610	115,0	109,15	107,78	86,0	-	58,0	25,0	33,0		
PBD28H200	28	4	1610	120,0	113,19	111,92	86,0	-	58,0	25,0	33,0		
PBD30H200	30	4	1610	128,0	121,28	119,91	95,0	-	58,0	25,0	33,0		
PBD32H200	32	4	2012	135,0	129,36	127,99	106,0	-	58,0	32,0	26,0		
PBD35H200	35	10	2012	150,0	141,49	140,12	120,0	102,0	58,0	32,0	26,0		
PBD36H200	36	10	2012	150,0	145,53	144,16	120,0	102,0	58,0	32,0	26,0		
PBD40H200	40	10	2012	168,0	161,70	160,33	136,0	110,0	58,0	32,0	26,0		
PBD44H200	44	10	2012	184,0	177,87	176,50	162,0	110,0	58,0	32,0	26,0		
PBD48H200	48	10	2517	200,0	194,04	192,67	168,0	120,0	58,0	45,0	13,0		
PBD50H200	50	8A	2517	-	202,13	200,76	172,0	120,0	60,0	45,0	7,5	without flanges	cast iron
PBD52H200	52	8A	2517	-	210,21	208,84	185,0	120,0	60,0	45,0	7,5		
PBD60H200	60	8B	2517	-	242,55	241,18	217,0	120,0	60,0	45,0	7,5		
PBD70H200	70	8B	2517	-	282,98	281,61	264,0	120,0	60,0	45,0	7,5		
PBD72H200	72	8B	2517	-	291,06	289,69	264,0	120,0	60,0	45,0	7,5		
PBD82H200	82	8B	2517	-	331,49	330,12	312,0	120,0	60,0	45,0	7,5		
PBD84H200	84	8B	2517	-	339,57	338,20	312,0	120,0	60,0	45,0	7,5		
PBD94H200	94	8B	2517	-	380,00	378,63	357,0	120,0	60,0	45,0	7,5		
PBD96H200	96	8B	2517	-	388,08	386,71	357,0	120,0	60,0	45,0	7,5		
PBD106H200	106	8B	2517	-	428,51	427,14	402,0	120,0	60,0	45,0	7,5		
PBD116H200	116	8B	2517	-	468,93	467,56	442,0	120,0	60,0	45,0	7,5		
PBD120H200	120	8B	2517	-	485,10	483,73	457,0	120,0	60,0	45,0	7,5		



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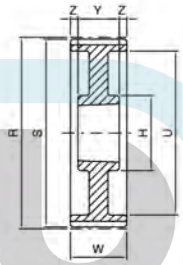

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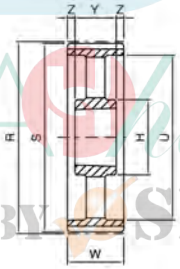

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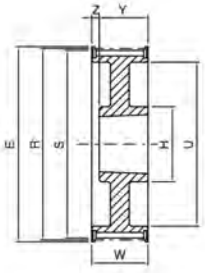


10

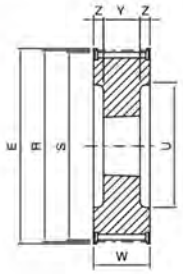
SERVOHELP.HU
POWERED BY ESIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... H300

H

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD19H300	19	5	1215	82,5	76,81	75,44	56,0	-	84,0	38,0	23,0	with flanges	steel
PBD20H300	20	5	1615	87,0	80,85	79,48	62,0	-	84,0	38,0	23,0		
PBD21H300	21	5	1615	91,0	84,89	83,52	62,0	-	84,0	38,0	23,0		
PBD22H300	22	5	1615	94,0	88,94	87,57	62,0	-	84,0	38,0	23,0		
PBD23H300	23	5	1615	97,0	92,98	91,61	71,0	-	84,0	38,0	23,0		
PBD24H300	24	5	1615	102,0	97,02	95,65	71,0	-	84,0	38,0	23,0		
PBD25H300	25	5	1615	106,0	101,06	99,69	79,0	-	84,0	38,0	23,0		
PBD26H300	26	5	1615	112,0	105,11	103,74	79,0	-	84,0	38,0	23,0		
PBD27H300	27	5	2012	115,0	109,15	107,78	86,0	-	84,0	32,0	26,0		
PBD28H300	28	5	2012	120,0	113,19	111,92	86,0	-	84,0	32,0	26,0		
PBD30H300	30	5	2012	128,0	121,28	119,91	95,0	-	84,0	32,0	26,0		
PBD32H300	32	5	2517	135,0	129,36	127,99	110,0	-	84,0	45,0	19,5		
PBD33H300	33	5	2517	142,0	133,40	132,03	112,0	-	84,0	45,0	19,5		
PBD34H300	34	5	2517	142,0	137,45	136,08	112,0	-	84,0	45,0	19,5		
PBD36H300	36	5	2517	150,0	145,53	144,16	120,0	-	84,0	45,0	19,5		
PBD40H300	40	8	2517	168,0	161,70	160,33	136,0	120,0	84,0	45,0	19,5		
PBD44H300	44	8	2517	184,0	177,87	176,50	162,0	120,0	86,0	45,0	20,5		
PBD48H300	48	8	2517	200,0	194,04	192,67	168,0	120,0	86,0	45,0	20,5		
PBD60H300	60	8B	2517	-	242,55	241,18	223,0	120,0	86,0	45,0	20,5	without flanges	cast iron
PBD72H300	72	8B	2517	-	291,06	289,69	264,0	120,0	86,0	45,0	20,5		
PBD84H300	84	8B	2517	-	339,57	338,20	312,0	120,0	86,0	45,0	20,5		
PBD94H300	94	8B	3030	-	380,00	378,63	357,0	146,0	86,0	76,0	5,0		
PBD96H300	96	8B	3030	-	388,08	386,71	357,0	146,0	86,0	76,0	5,0		
PBD106H300	106	8B	3030	-	428,51	427,14	402,0	146,0	86,0	76,0	5,0		
PBD116H300	116	8B	3030	-	468,93	467,56	442,0	146,0	86,0	76,0	5,0		
PBD118H300	118	8B	3030	-	477,02	475,65	457,0	146,0	86,0	76,0	5,0		
PBD120H300	120	8B	3030	-	485,10	483,73	457,0	146,0	86,0	76,0	5,0		



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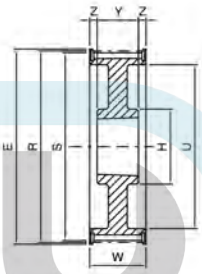

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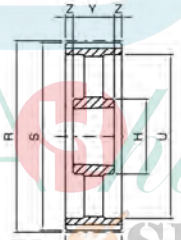


8B

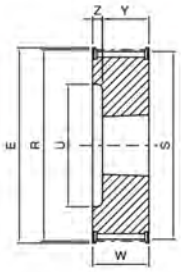
PASJA TECHNIKA
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... XH200

XH

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD18XH200	18	4	2517	134,0	127,34	124,55	95,0	-	64,0	45,0	19,0	with flanges	cast iron
PBD20XH200	20	4	2517	150,0	141,49	138,70	101,0	-	64,0	45,0	19,0		
PBD21XH200	21	4	2517	158,0	148,56	145,77	115,0	-	64,0	45,0	19,0		
PBD22XH200	22	4	2517	166,0	155,64	152,85	115,0	-	64,0	45,0	19,0		
PBD24XH200	24	4	2517	177,0	169,79	167,00	129,0	-	64,0	45,0	19,0		
PBD26XH200	26	4	2517	191,0	183,94	181,15	143,0	-	64,0	45,0	19,0		
PBD28XH200	28	8	2517	209,0	198,08	195,29	157,0	120,0	64,0	45,0	9,5		
PBD30XH200	30	8	2517	216,0	212,23	209,44	180,0	120,0	64,0	45,0	9,5		
PBD32XH200	32	8	2517	232,0	226,38	223,59	195,0	120,0	64,0	45,0	9,5		
PBD38XH200	38	8	2517	274,0	268,83	266,03	234,0	120,0	64,0	45,0	9,5		
PBD40XH200	40	8	3020	288,0	282,98	280,19	242,0	146,0	64,0	51,0	6,5		
PBD46XH200	46	8B	3020	-	325,42	322,63	285,0	146,0	64,0	51,0	6,5	without flanges	
PBD48XH200	48	8B	3020	-	339,57	336,78	299,0	146,0	64,0	51,0	6,5		
PBD58XH200	58	8B	3020	-	410,32	407,52	370,0	146,0	64,0	51,0	6,5		
PBD60XH200	60	11B	3535	-	424,47	421,68	384,0	178,0	64,0	89,0	12,5		
PBD70XH200	70	11B	3535	-	495,21	492,42	455,0	178,0	64,0	89,0	12,5		
PBD72XH200	72	11B	3535	-	509,36	506,57	469,0	178,0	64,0	89,0	12,5		
PBD78XH200	78	11B	3535	-	551,80	549,01	511,0	178,0	64,0	89,0	12,5		
PBD80XH200	80	11B	3535	-	565,95	563,16	525,0	178,0	64,0	89,0	12,5		
PBD82XH200	82	11B	3535	-	580,10	577,31	539,0	178,0	64,0	89,0	12,5		
PBD84XH200	84	11B	3535	-	594,25	591,46	554,0	178,0	64,0	89,0	12,5		



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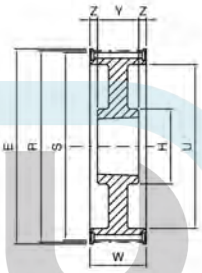

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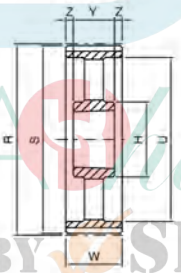

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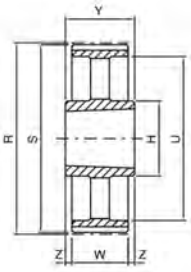


11B

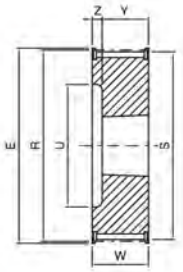
HAJTÁSTECHNIKA.hu
POWERED BY SIS

Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... XH300

XH

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD18XH300	18	4	2517	134,0	127,34	124,55	95,0	-	90,0	45,0	45,0	with flanges	cast iron
PBD20XH300	20	4	2517	150,0	141,49	138,70	101,0	-	90,0	45,0	45,0		
PBD22XH300	22	4	2517	166,0	155,64	152,85	115,0	-	90,0	45,0	45,0		
PBD24XH300	24	4	2517	177,0	169,79	167,00	129,0	-	90,0	45,0	45,0		
PBD26XH300	26	4	2517	191,0	183,94	181,15	143,0	-	90,0	45,0	45,0		
PBD28XH300	28	10	3020	209,0	198,08	195,29	157,0	146,0	90,0	51,0	39,0		
PBD30XH300	30	10	3020	216,0	212,23	209,44	172,0	146,0	90,0	51,0	39,0		
PBD32XH300	32	10	3020	232,0	226,38	223,59	186,0	146,0	90,0	51,0	39,0		
PBD34XH300	34	10	3020	261,0	240,53	237,74	200,0	146,0	90,0	51,0	39,0		
PBD38XH300	38	10	3020	274,0	268,83	266,03	228,0	146,0	90,0	51,0	39,0		
PBD40XH300	40	8	3020	288,0	282,98	280,19	245,0	146,0	90,0	51,0	19,5		
PBD46XH300	46	8A	3020	-	325,42	322,63	285,0	146,0	90,0	51,0	19,5	without flanges	
PBD48XH300	48	8A	3020	-	339,57	336,78	299,0	146,0	90,0	51,0	19,5		
PBD58XH300	58	8A	3535	-	410,32	407,52	370,0	178,0	90,0	89,0	0,5		
PBD60XH300	60	8A	3535	-	424,47	421,68	384,0	178,0	90,0	89,0	0,5		
PBD70XH300	70	8B	3535	-	495,21	492,42	455,0	178,0	90,0	89,0	0,5		
PBD72XH300	72	8B	3535	-	509,36	506,57	469,0	178,0	90,0	89,0	0,5		
PBD78XH300	78	8B	3535	-	551,80	549,01	511,0	178,0	90,0	89,0	0,5		
PBD80XH300	80	8B	3535	-	565,95	563,16	525,0	178,0	90,0	89,0	0,5		
PBD82XH300	82	8B	3535	-	580,10	577,31	539,0	178,0	90,0	89,0	0,5		
PBD84XH300	84	11B	4040	-	594,25	591,46	554,0	215,0	90,0	102,0	6,0		



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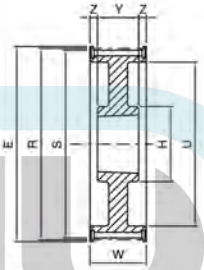

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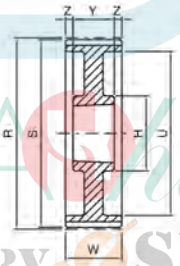

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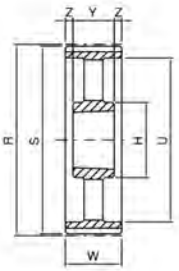

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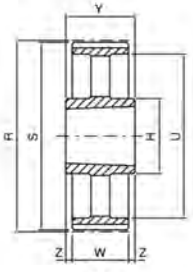

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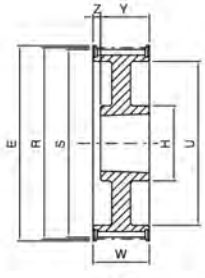

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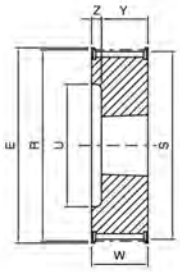
Dimensions of timing pulleys IMPERIAL PITCH - mounting taper bushing SER-SIT®

PBD ... XH400

XH

Code	Teeth nr.	Type	SER-SIT® Taper bushing	E [mm]	R [mm]	S [mm]	U [mm]	H [mm]	W [mm]	Y [mm]	Z [mm]	Flange	Material
PBD18XH400	18	4	2517	134,0	127,34	124,55	95,0	-	119,0	45,0	74,0	with flanges	cast iron
PBD20XH400	20	4	2517	150,0	141,49	138,70	101,0	-	119,0	45,0	74,0		
PBD21XH400	21	4	2517	158,0	148,56	145,77	115,0	-	119,0	45,0	74,0		
PBD22XH400	22	4	2517	166,0	155,64	152,85	115,0	-	119,0	45,0	74,0		
PBD24XH400	24	4	3020	177,0	169,79	167,00	129,0	-	119,0	51,0	68,0		
PBD26XH400	26	4	3020	191,0	183,94	181,15	143,0	-	119,0	51,0	68,0		
PBD28XH400	28	4	3020	209,0	198,08	195,29	157,0	-	119,0	51,0	68,0		
PBD30XH400	30	10	3020	216,0	212,23	209,44	172,0	146,0	119,0	51,0	68,0		
PBD32XH400	32	10	3020	232,0	226,38	223,59	186,0	146,0	119,0	51,0	68,0		
PBD34XH400	34	10	3020	261,0	240,53	237,74	200,0	146,0	119,0	51,0	68,0		
PBD38XH400	38	10	3020	274,0	268,83	266,03	228,0	146,0	119,0	51,0	68,0		
PBD40XH400	40	8	3535	288,0	282,98	280,19	242,0	178,0	119,0	89,0	15,0		
PBD46XH400	46	8A	3535	-	325,42	322,63	285,0	178,0	119,0	89,0	15,0	without flanges	
PBD48XH400	48	8A	3535	-	339,57	336,78	299,0	178,0	119,0	89,0	15,0		
PBD58XH400	58	8B	3535	-	410,32	407,52	370,0	178,0	119,0	89,0	15,0		
PBD60XH400	60	8B	4040	-	424,47	421,68	384,0	215,0	119,0	102,0	8,5		
PBD70XH400	70	8B	4040	-	495,21	492,42	455,0	215,0	119,0	102,0	8,5		
PBD72XH400	72	8B	4040	-	509,36	506,57	469,0	215,0	119,0	102,0	8,5		
PBD78XH400	78	8B	4040	-	551,80	549,01	511,0	215,0	119,0	102,0	8,5		
PBD80XH400	80	8B	4040	-	565,95	563,16	525,0	215,0	119,0	102,0	8,5		
PBD82XH400	82	8B	4040	-	580,10	577,31	539,0	215,0	119,0	102,0	8,5		
PBD84XH400	84	8B	4040	-	594,25	591,46	554,0	215,0	119,0	102,0	8,5		



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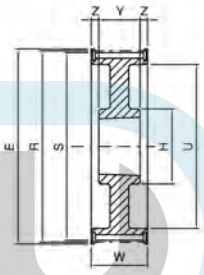

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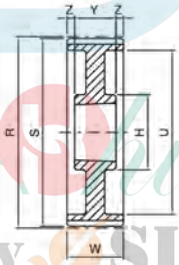

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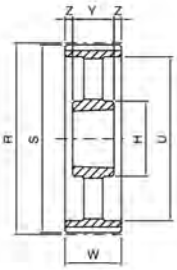

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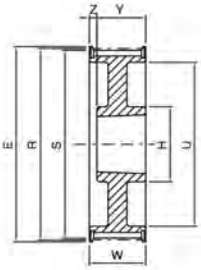

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