05 SPOOLS WITH TAPERED BARREL

Matching reel/container combinations are also available for variable climate conditions. Delivery spools for enamelled copper wire and high speed over end pay-off for armature, motor and induction reel windings

USE OF REELS AND CONTAINERS IN ACCORDANCE WITH DIN EN 60264-3 IS ADVANTAGEOUS

Due to the special design of the reels (large winding width L2:d2 = 2.1), they carry a great weight of wire on a small surface area. The tapered shape of the barrel and the flange ratio (d1:d2 = 1.6) allow trouble-free over end pay-off of wire at high speed, and prevent wire entanglement. The winding space of the reels we supply is made of one-piece and is without any burrs or unevenness. This makes them suitable for relatively fine wire.

IMPORTANT

Shrink-wrapped pallets of packages must not be stored in direct sunlight, as the heat build-up may cause the plastic to warp permanently. Shrink-wrapped pallets are the preferred mode of shipment for containers and reels alone or containers with reels. Smaller quantities of reels or containers or combinations of these are packed in sturdy corrugated cardboard boxes. On request, we also ship cardboard boxes on shrink-wrapped pallets. Overseas container shipping (20 feet or 40 feet) is also possible. Please ask for shipping quantities.

OUR CONTAINERS ACCORDING TO DIN EN 60264-3-5 PROTECT THE REELS AND WINDING MATERIAL DURING TRANSPORT

In addition, they serve as an unwinding device (over end pay-off at high speeds) and are therefore supplied with an absolutely smooth inner surface. All containers have a window so that the fill level of the reel can even be checked during unwinding without lifting the cover. The pay-off opening has a captive cover. The sturdy design allows several full containers to be stacked on top of each other. The container is closed with a clamping ring which can also be sealed. The reel/container combination protects the reel and can be used again and again, which means this method of shipping wire is quickly amortized. The available material qualities are shown in the table below. Spools 400/630, 500/800 and the containers are only supplied in ABS due to its high load capacity. More detailed information regarding the materials can be found in our material data sheets.

TOLERANCES

All dimensions, weights and loads stated are approximate values; tolerances and deviations which are customary for the industry remain reserved

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AVAILABLE MATERIALS

HIPS = high impact polystyrene

ABS = acrylonitrile-butadiene-styrene

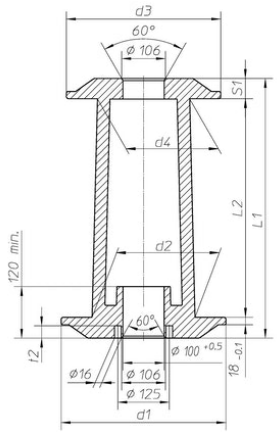
If there is a risk of the reels coming into contact with aromatic or alphatic hydrocarbons (solvents) or being used at very low temperatures, we recommend the use of ABS or even PA. More detailed information on this can be found in our material data sheets.

Designation	Flange Ø	Barrel Ø	Central bore Ø	Width	Winding width	Flange thickness	Winding-volume	Central bore Ø tapered part	Drive-hole/pin	Drive-distance
	d1 [mm]	d2 [mm]	d3 [mm]	L1 [mm]	L2 [mm]	S [mm]	V [cm³]	d4 [mm]	d5 [mm]	E1 [mm]
Reel 200/315	200	112	100	315	265	25	5073	106	2 x 16	62.5
Reel 250/400	250	140	30.6 - 100	400	335	32.5	9709	106	2 x 16	62.5
Reel 250/400 E	250	140	30.6 - 100	400	335	32.5	9709	106	2 x 16	62.5
Reel 315/500	315	180	100	500	425	37.5	19768	106	2 x 16	62.5
Reel 315/500-E	315	180	100	500	425	37.5	19768	106	16 x 2	62.5
Reel 400/630	400	224	100	630	530	50	40585	106	2x16	62.5
Reel 400/630 E	400	224	100	630	530	50	40585	106	2x16	62.5
Reel 500/800	500	280	100	800	670	65	78454	106	2 x 16	62.5

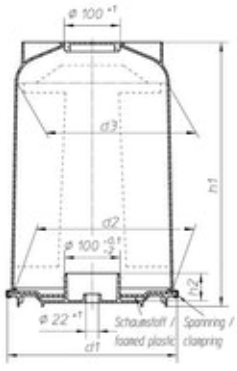
Designation	Outer Ø	Overall height	Inner Ø bottom	Inner Ø top	
	d1 max	h1 max	d2	d3	h2 min
Container VB 200/315	265	400	215	236	40
Container VB 250/400	315	500	270	280	50
Container VB 315/500	400	630	338	355	63
Container VB 400/630	500	800	428	450	80
Container VB 500/800	580	1000	503	545	100

TECHNICAL DRAWING

Spools



Container



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