

YLZ 系列液压轮边制动器

YLZ series Hydraulic Wheel Brakes

一、应用 Application:

YLZ 系列液压式轮边制动器，主要用于室外大中型起重机及港口装卸机械工作状态下的防风和 non 工作状态下的辅助防风制动。轮边制动器一般只用于被动车轮上，并进行直接制动，可有效防止被制动的车轮在风力作用下产生滚动位移。采用轮边制动器进行防风制动，是目前一种新型的且效果比较理想的防风措施，正在大量推广应用。如在驱动轮高速轴上同时采用防风制动器，效果会更好且比较经济。

Mainly used for storm braking in working state and auxiliary storm braking in nonoperative state for outdoor Large and medium-sized cranes and port handling equipments. Wheel brakes are usually used on passive wheels, and brake directly. It can effectively prevent the wheel's rolling displacement under the wind power. Wheel brake is a new effective and economic solution for wind-proof, which is now being put into widespread application. If the brake is applied on high speed shaft of drive wheel, it will be more effective and economic.

三、主要特点 Main Feature:

■常闭式设计，安全可靠；碟簧施力制动，液压站集中驱动释放。

Normally-closed design, safe and reliable; disc spring set and the centralized release of hydraulic station.

■设置有限位开关，可进行联锁保护。

Being equipped with limit switch, which can provide signal indication and interlocking protection.

■高性能无石棉摩擦衬垫，摩擦系数高且稳定，对水和盐雾(海水)不敏感。

Brake lining is made from non-asbestos friction material high friction coefficient and it is insensitive to sea water and salt mist.

■防腐型设计，全部紧固件和销轴为不锈钢制造，防腐性好。

Anti-corrosion design. All fasteners and spindles are made of stainless steel, with good anti-corrosion performance.

四、订货标记 Order mark

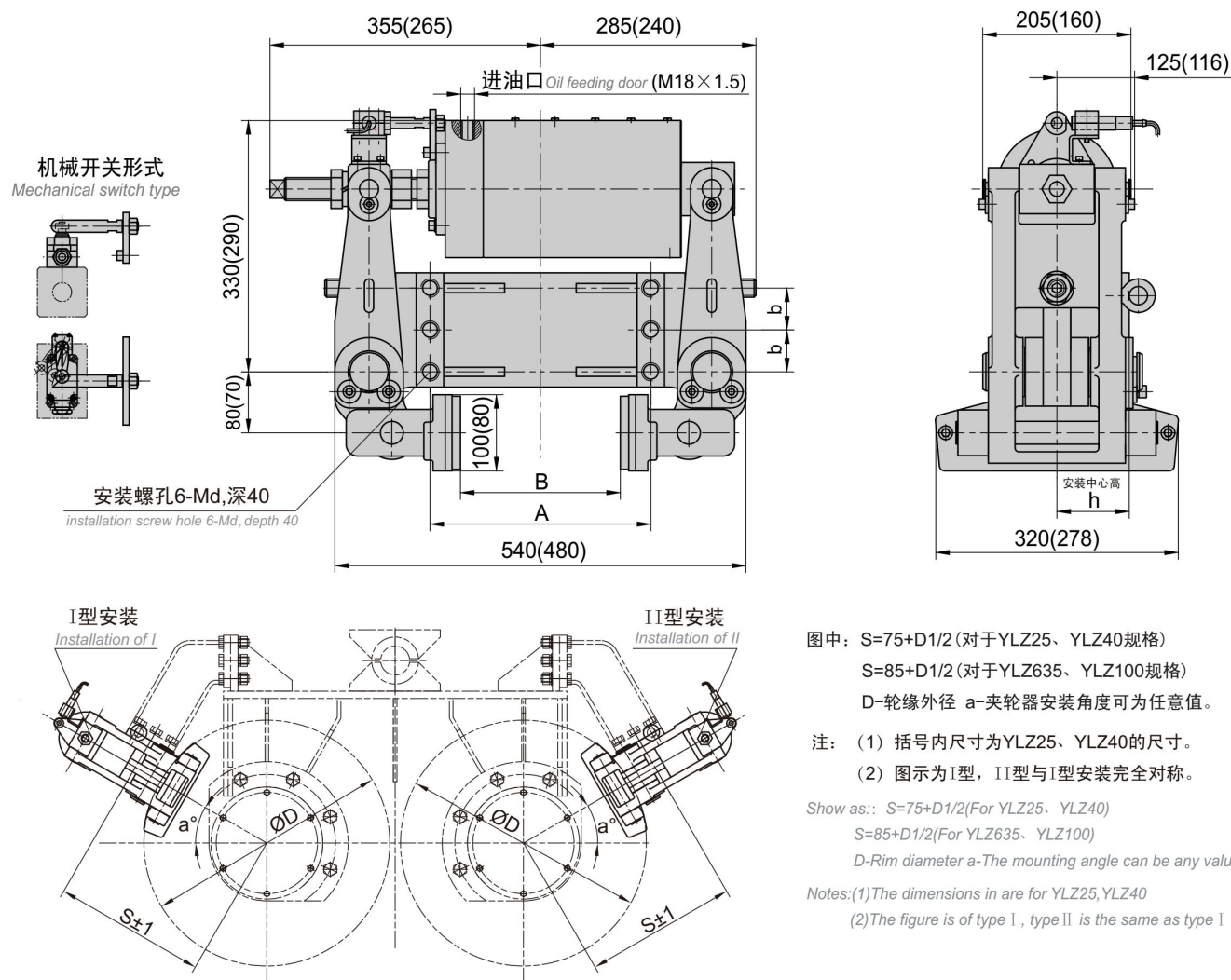


订货示例 Order Example: YLZ40-160

YLZ63-180-CP

YLZ100-200-CP

五、安装及外形尺寸 Outline and installation dimension



YLZ 系列轮边制动器技术参数及安装尺寸 (表)

Technical data and dimensions of YLZ series Hydraulic Wheel Brakes (Table)

型号 Type	额定夹紧力 Rated clamping force (KN)	额定静摩擦力 Rated static friction force (KN)	开闸油量 Oil volume (ml)	开闸压力 Oil pressure (MPa)	尺寸 Dimension (mm)					适用车轮轮压范围 P Applicable wheel pressure range p (KN)	重量 Weight (kg)
					B	A	b	h	d		
YLZ25-□	50	42	70	8	135~200	250	50	85	20	$P \leq 25$	95
YLZ40-□	73	63	70	8	135~200	250	50	85	20	$25 < P \leq 40$	98
YLZ63-□	114	96	80	12	140~210	290	55	95	24	$40 < P \leq 63$	142
YLZ100-□	180	150	125	12	140~210	290	55	95	24	$63 < P \leq 100$	158

注: 当轮宽尺寸 B 不在表中范围值内时, 可与我们技术部门取得联系。

Please contact our technical department, when wheel width B isn't within the range specified in above table.