

Lifting Point Powertex LPS

Product information



The Powertex LPS with swivel eye redefines the capabilities of traditional lifting points. Engineered for demanding industrial environments that require reliability and efficiency, the Powertex LPS has a dynamic **360-degree rotation feature** and an impressive 4.5 times increase in Working Load Limit (WLL) compared to conventional DIN580 lifting points. Its design incorporates a robust forged swivel eye, complemented by a bolt and washer assembly, which ensures secure and versatile lifting operations. The bolt features a hex socket cap grip for easy installation, allowing for swift mounting with standard tools. It includes a supplementary 'quick key' for manual tightening during temporary setups.

Allowed loading directions:

- Straight (max WLL)
- Sideways (not perpendicular to the eye)
- 180 degrees in the plane of the eye (+/- 90 degrees from centre line)

Product Features:

Durable finish: Coated in PURE RED powder paint, the Powertex LPS lifting points are visually distinct and offer superior resistance to wear and corrosion.

Compliance to standard: Manufactured to meet the testing requirements specified by EN 1677-1 and AS 3776, ensuring high safety and quality standards.

Reliable: Designed with a safety factor of at least 4 in the intended load directions, offering a secure lifting experience.

Quality assurance: Each component undergoes crack detection testing in the factory and forged links are proof load tested to ensure reliability.

Type testing: Each model undergoes factory type testing including breaking tests and fatigue test to 20,000 cycles at 1.5 times the WLL, highlighting the product's endurance.

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Features: 360 degrees rotatable

Material: Forged alloy steel

Marking: According to standard, CE-marked, UKCA-marked, POWERTEX or PX, model name, WLL and batch number

Temperature range: -40°C up to +200°C

Finish: Powder painted in PURE RED

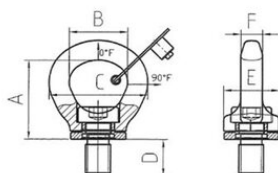
Standard: EN 1677-1

Note: Before use, review the WLL diagram to select the correct LPS for your application

Safety factor: 4:1

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Blueprint



Lifting table

Part code	WLL ton	Thread mm	Model	Torque Nm	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
4215LPSM8	0.3	M8	LPS-M8	6-10	38	26	45.3	11.5	25	8	0.11
4215LPSM10	0.4	M10	LPS-M10	6-10	38	26	45.3	14	25	8	0.12
4215LPSM12	0.75	M12	LPS-M12	10-15	43.5	32	54	17	33	10	0.2
4215LPSM16	1.5	M16	LPS-M16	20-30	52	37.5	63.5	24	36	14	0.35
4215LPSM20	2.3	M20	LPS-M20	50-70	63	44.5	78.5	30	47.5	20.6	0.66
4215LPSM24	3.2	M24	LPS-M24	120-150	74	51.6	92	35.3	53	20	1.1
4215LPSM30	4.5	M30	LPS-M30	200-250	92	65	118	45	68	24	2.1
4215LPSM36	7	M36	LPS-M36	280-400	105	76	136	56.8	82	30	4
4215LPSM42	9	M42	LPS-M42	400-500	121.5	88	160	66.5	92	35	5.5
4215LPSM48	12	M48	LPS-M48	400-500	138	100	180	75.5	110	42	8.9