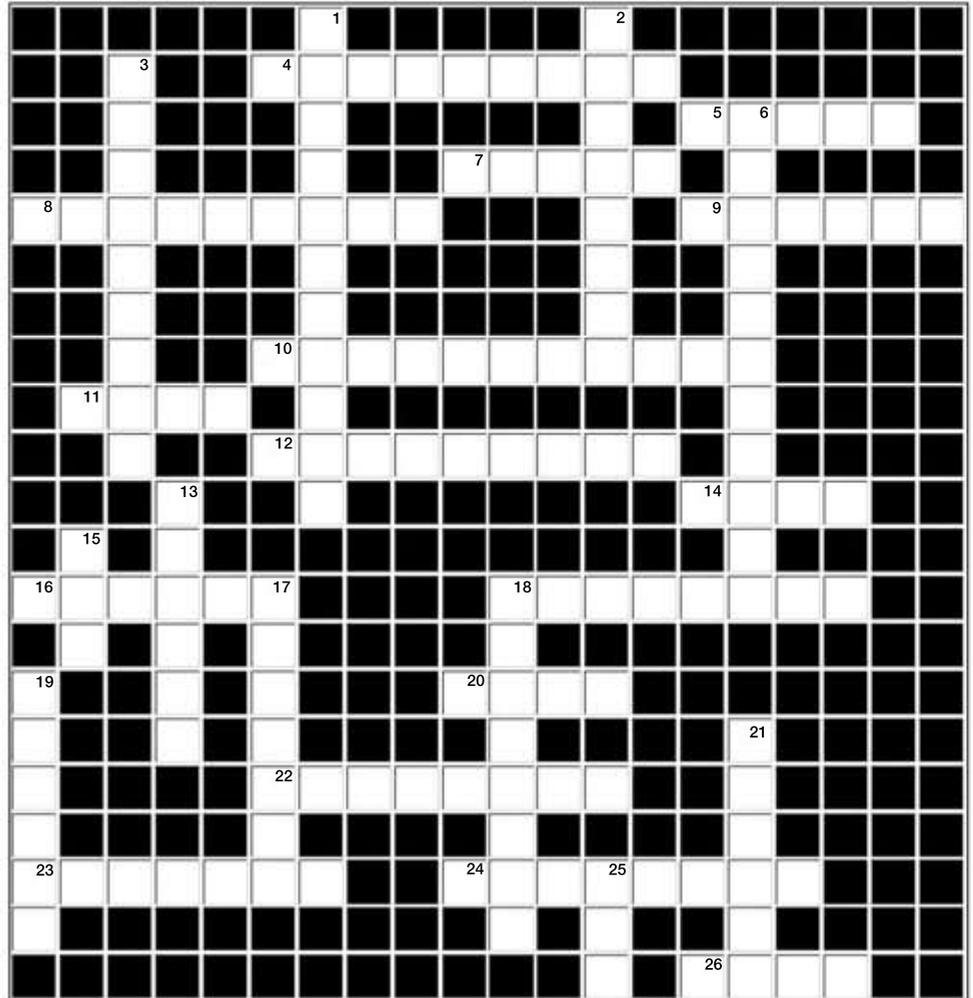


CROSSWORD PUZZLE BY BISHOP-WISECARVER

Moving Imaginations with LOPRO® ACTUATED LINEAR GUIDES

ACROSS

4. LoPro track can be plated to increase _____ resistance.
5. Chain drive systems are ideal for this type of environment.
7. Ball screw and lead _____ systems are limited by the critical speed of the screw over travel length.
8. LoPro actuation options include: Belt, chain, _____ and lead screw (two words).
9. Brackets and connectors can be used to make LoPro into a _____ system.
10. The key to maximizing service life in any rolling contact linear bearing design is _____ (substance).
11. Coupling options provide _____ backlash.
12. Support beam options include aluminum, steel and _____ steel.
14. LoPro linear guides can be coated in electroless, nickel, armalloy, black-oxide, and _____.
16. Tracks can be butt-_____ to create systems of virtually any length.
18. A light-weight metal not easily corroded or tarnished.
20. Ideal for _____ length applications.
22. Lubrication will also increase the maximum linear _____ that a guide wheel-based bearing arrangement can travel (syn. for speed).
23. Brand of bearing used in LoPro.
24. Chain drive systems are for _____ hoisting and large load actuation over long lengths (direction).
26. Type of actuation option that handles highest temperature of 170 degrees Fahrenheit.



DOWN

1. Our line of _____ are designed to fit any manufacturer's motor or gearbox.
2. Chain driven linear actuators are _____ of high heat applications such as ovens.
3. For medium to heavy loads where precision positioning is required, a _____ actuated LoPro is best (two words).
6. Bishop-Wisecarver continues to foster the _____ that leads to mechanical solutions.
13. LoPro utilizes double row angular contact bearings with a/an _____ degree angle.
15. LoPro is a _____ profile linear actuator solution.
17. Each carriage (or wheel plate) includes four linear bearings. Name the brand.
18. A protective layer on aluminum (in past tense).
19. Available in four sizes to accommodate loads up to 3,525 _____.
21. LoPro is available with clean room Krytox _____ and vacuum grade Braycote grease.
25. Number of wheel plate assembly choices.