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Iso 5211: (e) the selection of flange types for a particular application should take into account the additional torques that may be generated because of inertia or other factors. isa m2c bc, iso f25 m16 iso fib iso (4) mis 140mm iso f12 m12 125mm bc iso flo 102mm iso f07 70mm bc iso 5211 mounting flange dimensions material thread h, min - 20llnc - 16llnc number of screws f - 05 f- 25 f- 35 p. imperial threads are unc for fastener thread holes and npt for air connection ports. iso 5211: (e) figure 2 — flange dimensions table 2 — flange dimensions dimensions in millimetres flange type dimensions number of screws, studs or bolts n d1 min. iso 5211: specifies: - flange dimensions necessary for the attachment of part- turn actuators to industrial valves [see figures 1 a) and 1 pdf c)] or to intermediate supports [see figures 1 b) and 1 d)] ; - driving component dimensions of part- turn actuators necessary to attach them to the driven components; - reference values for torques for. (see valve preparation. d2 a d3 d4 h1 max. f03 $\varnothing$ 46 $\varnothing$ 25 $\varnothing$ 36 mf04 $\varnothing$ 54 $\varnothing$ 30 $\varnothing$ 42 mf05 $\varnothing$ 65 $\varnothing$ 35 $\varnothing$ 50 mf07 $\varnothing$ 90 $\varnothing$ 55 $\varnothing$ 70 m.

figure 1: iso 5211 butterfly valve. size 4000 dimensions - metric (iso5211) valve flange pdf and drive details sizesnotes: 1. mss sp- 101 flange type fa05 – fa60 interface / separation comparison (tapped holes) * * not part of iso 5211 or mss pdf sp- 101 – f20/ fa20 are sometimes used by manufacturers to fill the gap between f19/ fa19 and f25/ fa25. iso 5211: (e) foreword iso (the international organization for standardization) is a worldwide federation of national standards bodies (iso member bodies). h2 h3 f05 $\varnothing$ 65 $\varnothing$ 35 $\varnothing$ 50 mf07 $\varnothing$ 90 $\varnothing$ 55 $\varnothing$ 70 mf10 $\varnothing$ 125 $\varnothing$ 70 $\varnothing$ 102 mf12 $\varnothing$ 150 $\varnothing$ 85 $\varnothing$ 125 mf14 $\varnothing$ 175 $\varnothing$.

multi- turn actuator attachments, type c. extract from iso 5211 standards iso 5211 defines the actuator mounting dimensions and drive square size. flange and square drive according to iso 5211 2. multi- turn valve actuator attachments. en iso 5211 february 20. iso 5211 is an international standard that specifies the flange dimensions, driving component dimensions, and torque reference values for part- turn actuators that connect to industrial valves like butterfly and ball valves.

827" represent 4 holes of a f25 drilling pattern. flange pdf and square drive according to iso 5211. each member body interested in a subject for which a technical. iso_ 5211_ standards.

domesticinternational: smalley avenue middlesex, nj 08846 usa www. f25* = for sizes 16 drilling pattern 9. the attachment of part- turn actuators to control valves in accordance with the requirements of this document is subject to an agreement between the supplier and the purchaser.

dimensions - metric (iso5211) valve flange and drive details sizessizessize 4000 notes: 1. iso m3s a c isa ' b) m3c 3± 6mm b c. drive by key(s) flange type. f25* = for sizes 16 drilling pattern 234. iso 5211 extract - drive types (based on maximum allowable torsional stress of 280mpa) 1. dimensions - imperial (iso5211) valve flange and iso 5211 flange dimensions pdf drive details sizessizessizes 1600 & 2500 size 4000 notes: 1 flange and square drive according to iso 5211 2 f25* = for sizes 16 drilling pattern 9. iso 5211 mounting flange type bolt circle (mm) bolt circle (in) f03 36 1. when through bolting is used, the diameter of the clearance holes shall permit the use of bolts of a iso 5211 flange dimensions pdf size given by the corresponding.

) 83 series align coupling set screw with the valve stem. f07 6 iso 5211 flange dimensions pdf mm 5/ 16 in 40g series 40 series sk series align the coupling flats to match valve stem flats so the coupling set screw will contact the larger stem flat. the method of attachment shall be by means of studs, screws or

through bolting. iso 5211 standard www. size 4000 has 2x inner square e1 in the pinion bottom instead of inserts. part- turn valve actuator attachments. typical triad direct mount ball valve. f05 5 mm 3/ 16 in. iso 5211: specifies: - flange dimensions necessary for the attachment of part- turn actuators to industrial valves [see figures 1 a) and 1 c)] or to intermediate. output drives of electric actuators for valves (standard withdrawn) din 3338. typical rack and pinion actuator mounting\ r.

the work of preparing international standards is normally carried out through iso technical committees. iso 5211 flange size socket head cap screw size metric fractional f03, f04 4 mm 5/ 32 in. note: choice of two iso patterns. 01 english version industrial valves part- turn actuator attachments (iso 5211:) robinetterie industrielle raccordement des actionneurs à fraction de tour (iso 5211:) industriearmaturen anschlüsse von schwenkantrieben (iso 5211:). 2 represent 4 holes of a f25 drilling pattern. the standard also defines the different types of drive inserts used for these actuators. uk iso 5211 standards iso: 5211 defines the actuator mounting dimensions, and drive square size din: 3337 defines a 45° orientation of the actuators' square drive shaft. size 4000 has 2x inner square e1 in the pinion bottom instead of. iso 5210: (e) figure 2 — flange dimensions table 2 — flange dimensions dimensions in millimetres flange type dimensions number of studs or bolts n d1 min. this document specifies:.

this document specifies requirements for the attachment of part- turn actuators, with or without gearboxes, to industrial valves. see the chart below for the iso 5211 common dimensions and imperial/ metric equivalents. 5 flange dimensions flanges for part- turn actuator attachments shall comply with the dimensions shown in figure 2 and given in table 2. iso bases iso (12) d83mm a. comparison between en iso 5210/ en iso 5211 and din 3210/ din 3338. 5 flange dimensions flanges for part- turn actuator attachments shall comply with the dimensions shown in figure and 2 given in table 2.